

U.S. Army BRAC 2005 Site Investigation Report Fort Monmouth Appendices F - I

Final 21-July-2008

Appendix F Geotechnical Soil Boring Logs

| | | | | B | OR | INGI | COG | ; | | | | BOF | UNG NUMB | ER: P13-A1 |
|---|----------------------|----------------|--------|--------------------------|---------|----------|------|------------------|-------|-----------------|-------------------|-------------|----------------|----------------|
| SHAW | ENV | /IRC | NN | TENTAL & | & | PROJEC | CT: | US Army BRAC | 2005 | Site Investi | gation | JOB 1 | NUMBER: | 124976 |
| IN | FRA | STR | UC | TURE | | LOCAT | ION: | Charles Woods Ar | ea, | FTMM, NJ | | CLIE | NT: USACE | |
| | | | | | | | | | | | | DRIL | LER: Frank A | ccorsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | | FIEL | D REP: R. McCo | ormick |
| _ | | | - ; | SAMPLER | CA | SING | C | ORE BARREL | Г | | DEPTH | OF GRO | UNDWATER | · |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA | TE 09/24/ | | | | |
| HAMMI | R WEI | | | NA | | | | | Gro | oundwater D | epth (feet): | | 12.5' | |
| HAMN | IER FAI | | PLE | NA | | | | | _ | | | L | | 1 |
| DEPTH (feet) | No. | DEP | | REC | 1 | USC Sym | ıbol | | DE | SCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | ć. | 100% | Ī | SM/GI |) | 0- | 1' S | and with silt | , Light Brown, | little grav | rel | |
| 1 | A1-A | 0-0. | | | \pm | SM | | | | 1-3' Sand w | ith silt, Light E | rown | | 2.0 |
| 2 | A1-B | 1.5-2 | 2.0' | | ╁ | | | | | | | | | 27.0 |
| 3 | | | | | 4 | SP | | | 3-4 | 'Sand Ligh | t Brown, little ; | rravel·silt | | |
| | | | | | | . | | | | Odiid, Ligii | i Diown, mile į | , aver, sir | | |
| 4 | | | | 100% | 1 | SW | | 4-8 | ' Sar | nd with grav | el, Light Brown | /Olive Gr | een | 0.0 |
| 5 | | | | | +` | | | | | | | | | * - |
| 6 | | | | · | | | | | | | | | | |
| | | · · · · · · | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | 100% | - | ML | | | 8-9 | 0.5' Silt. Oliv | e Grey,little sa | nd. moist | | 0.0 |
| 9 | | | | | | | | | | | | , | | - |
| | | | | | | ML | | 9.5-1 | 0' S | ilt, Olive Gr | een/Dark Grey, | moist, mo | ttling | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | ML | | | 10- | 12' Silt, Dar | k Grey, little sa | nd, moist | | |
| 12 | | | | 1000/ | | | | | | 1 (1 (1 t) D | 1.6 15.1 | | | |
| 12 | AI-C | 12-13 | 2.5' | 100% | \pm | ML | | | 12 | 2-10 SH, D | irk Grey,little s | and, wet | | 0.0 |
| 13 | <u> </u> | | | | + | | | | | | | | | |
| 14 | | | | | 7 | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | End | of Exploration | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe : | Rig | | | 1 | SURFAC | E ELEVATIO | N: | | |
| TEMPORAI | RY WEL | L INST | ALLEI | D: | No | | | | | START I | DATE: | 9/24/ | 2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FRO | OM: | NA | TO: NA | | END DA | TE: | 9/24/200 |)7 | |
| NOTES: | _ | | - | | | | | | ! | | | \neg | | |
| PID mea Depths n NA≃not A1-B≕T | neasured applicab | from gre le | ound s | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING | LOC | 3 | <u> </u> | | BORING NUME | BER: P13-A2 |
|-----------------|--|------------|-------|-----------------------|----------|----------|--------------|------------------|----------------------|------------------------------|----------------|
| | | | | ENTAL & | PROJE | | US Army BRAC | | - | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: Frank A | |
| | | | | AMPLER | CASING | | CORE BARREL | | | OF GROUNDWATER | |
| | TYPE SIZE (ID) | | Geopr | obe MacroCore 2" | | - | | DATE 09/ | 24/07' | | |
| | MER WEIG | 3HT | | NA NA | | | | Groundwate | r Depth (feet): | 12.5' | _ |
| HAM | IMER FA | | | NA | | oxdot | | | | | |
| DEPTH (feet) | No. | SAM DEP | | REC | USC Syr | mbol | | DESCRIPT | ION OF MATER | UALS | PID ppm |
| 0 | | | | 100% | GM | | | 0-0.5' Sandy 5 | Silt with gravel, Li | ight Brown | |
| 1 | A2-A | 0-0. | 5' | | SM | | | 0.5-4' Si | ilty Sand , Light B | rown | 0.0 |
| 2 | A2-B | 1.5-2 | .0' | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | 100% | SM/C | <u> </u> | 4- | 6.5' Silty Sand | d with gravel, Ligh | it Brown/Tan | 0.0 |
| | | | | | | | | | | | |
| 6 | | | | | ML | | | 6.5-7.5' Silt, l | Light Brown/Yello | ow Orange | |
| 7 | | | | | ML | | | 7.5- | 8' Silt, Olive, mois | st | |
| 8 | - | | | 100% | SW | | 8 | 9' Sand with f | fine gravel, Light | Yellow,moist | 0.0 |
| 9 | - | | | | ML | | 9-1 | 2' Sandy Silt, I | Dark Grey/Olive,n | noist, mottling | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | 100% | ML | | | 12-15' | Silt, Olive Green, | wet | 0.0 |
| 13 | A2-C | 12-12 | 5' | | | | | | | | |
| 14 | | | | | | | | | | | <u> </u> |
| 15 | | | | | CL | | 15-1 | 6' Silty Clay, (| Olive Green/Orang | ge,wet, mottling | |
| 16 | - | | | | | | | Er | nd of Exploration | | |
| DRILLING | G RIG TY | PE: | True | ck-mounted Geop | robe Rig | | | SURF | ACE ELEVATIO | N: | |
| TEMPORA | ARY WEL | L INSTA | LLED | : 1 | No | | | STAR | T DATE: | 9/24/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END I | DATE: | 9/24/2007 | |
| Depths | easuremen s measured ot applicab | from gro | | 6" intervals rface | | | | 1 | | | |

| | | | | I | BORING | LOG | · | | | BORING | G NUMBE | ER: P13-A3 | |
|---|--|----------|--------------------|----------------------------|---------------|----------|------------------------------|---------------|---------------------|------------------------|---------------|--|--|
| | | | | IENTAL (| & PROJEC | | US Army BRAC Charles Woods A | | | JOB NUMI | BER: USACE | 124976 | |
| | | | | | ł | | | | | DRILLER: | Frank Acc | corsi | |
| | | | - | | CONTR | ACTO | R: TVS | | | FIELD RE | P: R. McCor | mick | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | OF GROUND | WATER | | |
| | YPE E (ID) | | Geop | robe MacroCore 2" | | | | DATE 09 | /24/07' | | | | |
| HAMME | R WEI | | | NA | | | | Groundwate | r Depth (feet): | | 12.5' | | |
| HAMN | IER FA | | IDY E | NA | | <u> </u> | | L | 1 | l | l | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | ıbol | | DESCRIPT | TON OF MATER | UALS | | PID ppm | |
| 0 | | | | 75% | SP | | | 0-4' Sand, Li | ght Brown, some a | sh cinders | | | |
| | АЗ-А | 0-0 | .5' | | |] | | | | | | 0.0 | |
| 1 | | | | | | - | | | | | | | |
| 2 | АЗ-В | 1.5-2 | 2.0' | | | | | | | | | 0.0 | |
| 3 | | | | | | | | | | | | | |
| 4 4 75% SM 4-7' Sand and Silt, Olive Green/Light Brown, moist 0 | | | | | | | | | | | | | |
| 4 | - | | , Olive Green/Ligh | t Brown, moist | | 0.0 | | | | | | | |
| 4 75% SM 4-7' Sand and Silt, Olive Green/Light Brown, moist 0. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | | | | | SM | | | 7-7.5' Sand | and Silt, Yellow R | ed, moist | | <u> </u> | |
| 8 | | | | 10001 | SM | | 7.5-8 | | lt, Olive Green/Lig | | ı . | 0.0 | |
| 8 | | | | 100% | ML | | | 8-11.5° Si | ilt, Olive Green/Ta | n,moist | | 0.0 | |
| 9 | 1= | | | | | | | | | | | | |
| 10 | - | | | | | | • | | | | | | |
| 11 | 1 | | | | ML | | 11 | S12' Silt Ora | inge/Olive Green, | moist mottling | | | |
| | | | | | IVIL | | 11. | 5-12 Ont, Oil | ingo Onve Green, | moist, motting | | | |
| 12 | 1 | <u> </u> | | 100% | ML | | | 12-15' Silt | t, Light Brown/Ora | inge,wet | | 0.0 | |
| | А3-С | 12-1 | 2.5' | | | | | 3 | . 5 | J. 1 | | | |
| 13 | | } | | | | | | | | | | | |
| 14 | 1 | | | | | | | | | | | | |
| 15 | - | - | | | ML | | | 15-16' S | Silt, Dark Grey/Oli | ve,wet | | | |
| | ļ | ļ | | | | | | • | End of Exploration | | | | |
| 16 | DIC T | ZDE: | т | uels menseted C | | | | | FACE ELEVATION | ıN· | | | |
| DRILLING | | | | uck-mounted Geo | _ | | | 1 | | | | | |
| TEMPORA | | | TALLI TO: | ED: NA SCREE | No N EDOM: | NI A | TO: NA | | RT DATE: DATE: | 9/24/2007 9/24/2007 | | | |
| RISER FRO | JIVI: | NA | 10: | NA SCREE | IN FROM: | JN/ | - 10. NA | EIAD | DAIL. | 7/24/2007 | | | |
| NOTES: PID me Depths NA=no | measuro | d from | | in 6" intervals surface | | | | | | | | | |
| ł | | | | | | | | | | | | | |

| | | | | B | ORING | LOG | ; | | | BORING | G NUMB | ER: P13-A4 |
|-----------------|------------------------------------|---------|-------|--------------------------|-----------------|------|-----------------|----------|---------------------------------|----------------------------------|---------|---------------|
| | | | | IENTAL & | & PROJECT LOCAT | ION: | Charles Woods A | | Site Investigation | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 |
| | | | , | SAMPLER | CASING | | ORE BARREL | Т | DEPTH C | F GROUND | WATER | |
| | ГҮРЕ | | | robe MacroCore | CHOING | | | DA | | 71 01100112 | | |
| | ZE (ID) ER WEIC | зит | | 2" NA | | - | | Gro | undwater Depth (feet): | | 10.5' | |
| | MER FAI | | | NA | | | | <u> </u> | unavater Depar (reety. | | | |
| DEDCAT | N/o | | PLE | DEC | Hec e | ,bol | | DE | SCRIPTION OF MATERI | AT S | | PID |
| DEPTH (feet) | No. | DEP | 111 | REC | USC Syn | 1001 | | | | <u> </u> | | ppm |
| 0 | | | £, | 60% | SP | | | 0-3.5 | Sand with gravel, Grey/Ligh | nt Brown | | 0.0 |
| 1 | A4-A | 0-0. | ٠ | | - | | | | | | | 0.0 |
| | | | | | | | | | | | | |
| 2 | A4-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | - | | | | SP | | 3.5-4 | ' San | d with gravel, Olive Green/Y | ellow Orange | | |
| 4 | | | | 100% | ML | | | 4-6 | .5' Silt, Olive Green/Yellow | Orange | | 0.0 |
| 5 | | | | | | | | | | | | - |
| 3 | | | | | | | | | | | | |
| 6 | | | | | 0) 4/0 | _ | | | 0103t- 0 - 1 - W 1 1 i- | . L. D | | |
| 7 | - | | | | SM/G | Р | | 5.5-7. | 5' Silty Sand with gravel, Lig | gnt Brown | | |
| | | | | | SW | | | 7. | 5-8' Sand, Olive Grey, little | gravel | | |
| <u>8</u> 8 | | | | 100% | sw | | | 8 | -10' Sand, Olive Grey, little g | ravel | | 0.0 |
| | | | | | | | | | | | | |
| 9 | | | | | ML | | 10-12' Silt | , Yel | low Orange/Ligh Red/Olive | Green,wet, mo | ottling | |
| 10 | A4-C | 10-1 | 0.5' | | | | | | | | | |
| 1,1 | | | | , | | | | | | | | , |
| 11 | <u> </u> | | | | - | | | | | | | - |
| 12 | | | | | | | | | End of Exploration | | | |
| 12 | | | | | | | | | | | | |
| _ 13 | | | | - | | | | | | | | |
| 14 | - | | | | - | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | L | | | | | |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geo | probe Rig | | | 1 | SURFACE ELEVATION | : | | |
| TEMPORA | | | ALLFI | D: | No | | | | START DATE: | 9/24/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | NI/A | TO: NA | | | 9/24/2007 | | |
| | /IVI: | IAV | 10; | NA SCREE | | INA | . 10. NA | | | 7.2-112001 | | |
| NOTES: | | | | | | | | | | | | |
| Depths 1 | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | _ | В | OR | ING I | LOG | | | | | В | ORING NU | | R: |
|-----------------|-------------------------------------|---------|-------|--------------------------|--------------|---------|----------|---------------|--------|----------------|------------------|-----------|--------------|---------|------------|
| SHAW | EN | /IRC | NM | ENTAL & | & | PROJEC | CT: | US Army BRA | C 200 |)5 Site Invest | igation | 30 | B NUMBER: | | 124976 |
| I | VFRA | STR | UC' | TURE | 1 | LOCAT | ION: | Charles Woods | s Area | , FTMM, NJ | | CI | LIENT: USA | CE | |
| | | | | | | | | | | | | DF | RILLER: Fra | nk Acco | si |
| | | | | | | CONTR | ACTO | R: TVS | | | | FI | ELD REP: R.1 | AcCorm | ick |
| - | | | | SAMPLER | CAS | SING | C | ORE BARREL | П | | DEPT | H OF G | ROUNDWATE | R | • |
| | TYPE | | | robe MacroCore | | | | | D | ATE 09/25 | | | | | |
| SI | ZE (ID) ER WEIC | ur | | 2" NA | | | | | - 6 | roundwater D | lanth (faat): | | 11.5' | | ļ |
| | MER FAI | | | NA NA | | | | | 6 | Iounuwater L | · · | | 11.5 | | |
| | | SAM | PLE | | | | | | | • | | | ' | | |
| DEPTH (feet) | No. | DEP | ГН | REC | Ţ | JSC Syn | ibol | | | | N OF MATE | | | | PID ppm |
| 0 | 45.4 | 0.0 | _ | 95% | - - | GM | <u> </u> | | | 0-0.5' Silty w | ith gravel, Lig | th Brow | m | | 0.0 |
| 1 | A5-A | 0-0. | J. | | - | ML | | | | 0.5-3.5' Sil | t, Olive/Light | Brown | | | 0.0 |
| 2 | A5-B | 1.5-2 | .0' | | | | | | | | | | | | 0,0 |
| 3 | | | | | \downarrow | ML | | | | 3.5-4¹ San | dy Silt, Light l | Brown | | | |
| 4 | | | | | 上 | | | | | | | | | | |
| 4 | | | | 100% | | SM | | | 4-8 | ' Sand with si | lt, Light Brow | /n/Tan, n | noist | | 0.0 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | # | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | ļ | | | 100% | ┇ | ML | | | 0 | 11' Sandy Si | lt, Yellow Ora | nge mo | niet . | | 0.0 |
| 9 | | | | 10078 | | IVIL | | | | -11 Sandy Si | it, Tellow Ola | ange, mo | nst. | | 0.0 |
| | | | | | | | | | | | | | | | |
| 10 | | | | | | 0).4 | | | | | | | • | | |
| 11 | A5-C | 11-1 | 1.5' | | | SM | | 11-12 | Sano | | rk Grey/Olive | | Orange, wet | | 0.0 |
| 12 | | | | | | | | | | End | of Exploration | П | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | , | | | |
| 15 | | | | | - | | | | | | | | | | |
| 16 | | | | | - | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geoj | probe I | Rig | | | | SURFA | CE ELEVATI | ON: | | | - |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | | START | DATE: | 9. | /25/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | M: | NA | TO: N | A | END DA | ATE: | 9/25 | /2007 | | |
| Depths | easuremen measured t applicab | from gr | | n 6" intervals urface | | | | | - | - | | | | | |

| | | | | В | ORING | LOG | | | | BORIN | G NUMB | ER: P13-A6 |
|-----------|--|------------|------------|--------------------------|---------------|-------|--------------|------------|---------------------------|-------------------------|------------|---------------|
| | | | | ENTAL & | PROJI LOCA | | US Army BRAG | | - | JOB NUM CLIENT: DRILLER | USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | FIELD RE | P: R. McCo | rmick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | 1 | | DATE | 09/25/07' | | | |
| | ER WEI | GHT | 1 | NA | | | | Ground | water Depth (feet): | | 10.5' | |
| | MER FA | | | NA | | | | | | | | |
| DEPTH | No. | SAN DEP | APLE TH | REC | USC Sy | mbol | | DESCH | UPTION OF MATER | IALS | | PID |
| (feet) | 1 | | | | | | | | | | | ppm |
| 0 | A6-A | 0-0 | 51 | 95% | MI | | | 0-3' | Silt, Olive Brown, trac | e snd | | 0.0 |
| 1 | AU-A | 0-0 | | | | | | | | | | 0.0 |
| | | | | | | | | | | | | |
| 2 | A6-B | 1.5- | 2.0' | | | | | | | | | 0.0 |
| 3 | l | | | | SP | | | 3- | 4' Sand, Olive, trace gra | avel | | |
| | | | | | | | | | | | | |
| 4 | | - | | 100% | ML/0 | iP. | | 4-5.5' Sil | t, Olive Brown, trace gr | ravel: sand | | 0.0 |
| • | | | | | | | j | | ., | , | | |
| 5 | <u> </u> | | | | | | | - | . 01 C 1 T :- 1 A D | Tr | | |
| 6 | | | | | SP | | 1 | 5.3 | 5-8' Sand, Light Brown | ı an | | |
| | | | | | | |] | | | | | |
| 7 | ļ | | | | | | ļ | | | | | |
| 8 | | | | | | | ŀ | | | | | |
| 8 | | | | 100% | SF | | | | 8-12' Sand, Olive, we | t | | 0.0 |
| 9 | ├ | <u> </u> | | | | | ł | | | | | |
| | | | | | | | | | | | | |
| 10 | 160 | | 0.51 | | | | ļ | | | | | ļ |
| 11 | A6-C | 10-1 | 0.5 | | | | ļ | | | | | |
| | | | | | | | 1 | | | | | |
| 12 | | | _ | | | | | | End of Exploration | | - | + |
| 12 | | | | | | | 1 | | | | | |
| 13 | | | | | | | ļ | | | | | <u> </u> |
| 14 | - | 1 | | | - | | l | | | | | |
| | | | | | | |] | | | | | |
| 15 | - | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe Rig | | | S | SURFACE ELEVATION | N: | | |
| TEMPORA | | | | | No | | | s | TART DATE: | 9/25/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | N/ | A TO: NA | - 1 | END DATE: | 9/25/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mea | asuremer measured applicat | i from g | | n 6" intervals urface | | | | | | | | |

| | | | | B | ORING I | LOG | <u> </u> | | | BORING | G NUMBE | R: P13-A7 | |
|--|------------------------------------|--------------|------------|---------------------------|-----------|------|-----------------|--------|-------------------------------|------------------|---------------|--------------|--|
| | | | | ENTAL & | | | US Army BRAC | | : | JOB NUM | BER: USACE | 124976 | |
| | | | | | LOCAT | ION: | Charles Woods A | rea, F | TMM, NJ | DRILLER | Frank Acc | orni | |
| | | | | | CONTR | ACTO | PR: TVS | | | | P: R. McCorr | | |
| | _ | | 1 | | | | | | | | - | inck | |
| | YPE | | | SAMPLER robe MacroCore | CASING | С | ORE BARREL | DA. | DEPTH (TE 09/25/07' | OF GROUND | WATER | | |
| SIZ HAMMI | ZE (ID) | LUT | | 2" NA | | | | Gro | undwater Depth (feet): | | 9.5' | - | |
| | MER FAI | | | NA NA | | | | 0.0 | undwater Depar (rect). | | 1 | | |
| DEPTH | No. | SAN DEP | IPLE TH | REC | USC Syn | nbol | | DES | SCRIPTION OF MATERI | ALS | | PID | |
| (feet) | 110. | | | | | | | | | | | ppm | |
| 0 | A7-A | 0-0. | .5' | 100% | SP | | | 0-3.2 | 5' Sand, Yellow Orange/Ligh | it biowii | | 0.0 | |
| 1 | | | | | | | | | | | | | |
| 2 | A7-B | 1.5-2 | 2.0' | | - | | | | | | | 0.0 | |
| 3 | | | | | SM/G | P | 3.5-4' Sa | ınd ar | nd Silt, Olive/Light Brown, t | race gravel, m | oist | | |
| 4 | | | | 1000/ | en en | | | | | | | 0.0 | |
| 4 | | | | 100% | SP | | 4-8 38 | ma, 1 | ellow Orange/Light Brown, | trace siit, iiio | ist | 0.0 | |
| 4 100% SP 4-8' Sand, Yellow Orange/Light Brown, trace silt, moist 5 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | | | | | _ | | | | ı | | | | |
| 8 | | | | | | | | | | | | | |
| 8 | | | | 100% | SM | | | 8- | 12' Sand and Silt, Olive Gre | y, wet | | 0.0 | |
| 9 | | | | | | | | | | | | | |
| 10 | A7-C | 9-9 | .5' | | | | | | | | | | |
| | <u> </u> | | | | | | | | • | | | | |
| 11 | ├─ | | | - | | | | | | | ٠٠, | | |
| 12 | | | | | | | | | End of Exploration | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | \vdash | | | | | | | | | | | | |
| 14 | <u> </u> | | | - | | | | | | | | | |
| 15 | + | | | | | | | | | | • | | |
| 16 | | | | | | | | | | r. | | | |
| DRILLING | RIG TY | PE: | Tr | L uck-mounted Geo | probe Rig | | | | SURFACE ELEVATION | l : | | - | |
| TEMPORA | | | | | No | | | i | START DATE: | 9/25/2007 | | | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | | END DATE: | 9/25/2007 | | ŀ | |
| NOTES: | | | | | _ | | | | | T - | | | |
| Depths | asuremer measured t applicat | l from g | | n 6" intervals urface | | | | | | | | | |

BORING NUMBER: **BORING LOG** P13-A8 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Charles Woods Area, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R. McCormick DEPTH OF GROUNDWATER SAMPLER CASING CORE BARREL DATE 09/25/07' TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 11.5' HAMMER FALL SAMPLE DEPTH DESCRIPTION OF MATERIALS REC USC Symbol PID DEPTH No. (feet) 80% SM 0-4' Sand with silt, Light Brown 0 A8-A 0-0.5' 0.0 1 1.5-2.0 2 A8-B 0.0 3 4-7.5' Sand, Light Grey 0.0 100% SP 4 5 6 7 ML 7.5-8' Silt, Light Grey, trace sand 8 100% 8-9' Sand, Light Grey, moist 0.0 SP 8 ML 9 9-11' Silt, Olive Green/Yellow Orange, trace sand, moist 0.2 10 11-11.5' Sand with silt, Dark Grey, wet, Slight Petroluem odor, minor staining 11.5-12' Sand, Dark Grey/Olive, wet, SM 1.2 11 A8-C 11-11.5' SP End of Exploration 12 12 13 14 15 16 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig START DATE: 9/25/2007 TEMPORARY WELL INSTALLED: Nο 9/25/2007 RISER FROM: NA SCREEN FROM: END DATE: NA TO: NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | F | ORING 1 | LOG | } | | BORING NUMBE | R: P13-A9 |
|-----------------|-----------------|----------|------|--------------------------|-----------|----------|------------------|----------------------------------|------------------------------|--|
| | | | | IENTAL (| & PROJEC | | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USAGE | 124976 |
| | | | | | 200.11 | | Charles Woods 11 | out a convey a to | DRILLER: Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | FIELD REP: R. McCon | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 09/25/07' | | |
| HAMMI | ER WEI | | | NA | | | | Groundwater Depth (feet): | 11.5' | |
| HAM | MER FA | | IPLE | NA | | <u> </u> | | | <u> </u> | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | | 100% | SW | | | 0-3.5' Sand, Light Brown/0 | Grey | |
| 1 | A9-A | 0-0 | .5' | | | | | | | 0.0 |
| 2 | А9-В | 1.5- | 2.0' | | | | | | | 0.0 |
| 3 | | | | | | | | | | |
| | | | | | ML | - | 3.5 | 4' Silt, Olive Green/Yellow Ora | nge, mottling | |
| 4 | | <u> </u> | | 25% | SM/G | D | 4 8' Cana | and Silt, Brown/Grey/Yellow C | Arange trace gravel | 0.0 |
| | | | | 2376 | 31470 | | 4-6 Salic | and one, brown Grey, renow C | range, nace graver | 0.0 |
| 5 | | | | | _ | _ | | | | ļ |
| 6 | | | | | | | | | | |
| 7 | ļ | | | | | | | | | |
| | | | | | | | | | | |
| 8 | ļ | <u> </u> | | 100% | SM | | | 8-12' Sand with silt, Olive/Dark | Grev wet | 0.0 |
| | | | | 10070 | | | | o-12 band with sin, Onvo bank | Gioy, wet | |
| 9 | - | | • | ···· | | | | | | <u> </u> |
| 10 | | | | | | | | | | |
| 11 | ļ | | | | | | | | | |
| | A9-C | 11-1 | 1.5' | | | | | | | |
| 12 12 | - | | | | + | | | End of Exploration | | |
| | | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | ļ | | | |
| 15 | | | | | | | | | | |
| 16 | ļ | | | | | | ļ | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | <u> </u> | SURFACE ELEVATION | N: | |
| TEMPORA | | | | | No | | | START DATE: | 9/25/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | END DATE: | 9/25/2007 | |
| NOTES: | | | | | | | - | | | · · · · · · |
| į | measure | i from g | | n 6" intervals urface | | | | | | |

| _ | | | | В | ORING I | LOG | } | | | BORING | G NUMBE | R: P13-A10 |
|-------------------------------|----------|------------|------|--------------------------|----------|------|----------------|-------------------|--------------------|---------------|-------------|---------------|
| | | | | IENTAL & | PROJEC | | US Army BRAC | | gation | JOB NUM | | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acc | |
| | | | | | | | | | | | | |
| Т | YPE | | | robe MacroCore | CASING | | ORE BARREL | DATE 09/25/ | | OF GROUND | WATER | |
| SIZ HAMMI | E (ID) | 2UT | | 2" NA | | | | Groundwater D | enth (feet): | | 11.5' | |
| | IER FAI | | | NA NA | | | | Groundwater D | epin (reet). | | | |
| | No. | SAM DEP | TH | REC | USC Syn | ıbol | | DESCRIPTIO | N OF MATER | IALS | | PID |
| (feet) | | | | 50% | SP | | | 0-4' Sand wit | h gravel, Light | Brown | | ppm |
| | A10-A | 0-0. | 5' | | | | | | | | | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | A10-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | + | | | | | | | |
| 4 | | | | 0% | | | | No Return | Obstruction in | core | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | , | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | 90% | CL | | | 9 11' Cile | y clay, Olive, m | | | 0.0 |
| 8 | | | _ | 90% | CI. | | | 6-11 Sing | y ciay, Olive, ili | oisi | | 0.0 |
| 9 | | | - | _ | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | ML | | 11-12' Sandy S | ilt, Olive Green/ | Dark Grey/Yell | ow Orange, mo | ttling, wet | 0.0 |
| 12 | A10-C | 11-1 | 1.5' | | _ | | | End | of Exploration | | | ļ |
| 12 12 | | | | | | | | Ena | or exhiniting | | | |
| 13 | | - | | · · · · · - | | | | | | | | |
| | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | <u> </u> | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 9/25/2007 | | |
| RISER FRO | M: | NA | то: | NA SCREEN | N FROM: | NA | YO: NA | END DA | ATE: | 9/25/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mez Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | BOR | RING | LOC | } | | - | BORIN | G NUMB | BER: P13-B1 |
|----------|------------------|------------|------------|-----------------------|----------|---------|--------------|-----------------|----------------|----------------------|----------------|----------------|----------------|
| | | | | MENTAL (| & | PROJE | CT: | US Army BRAC | 2005 Site Inv | estigation | JOB NUM | | 124976 |
| II. | NFRA | STR | RUC | TURE | | LOCAT | ION: | Charles Woods A | rea, FTMM, 1 | NJ | CLIENT: | USACE | |
| | | | | | | CONTR | АСТ (| OR: TVS | | | DRILLE | R: Frank A | ccorsi |
| | | | | | | | | | | | FIELD R | EP: R. McCo | ormick |
| | | | | SAMPLER | CA | SING | | CORE BARREL | | | H OF GROUN | DWATER | |
| | TYPE IZE (ID) | | Geor | orobe MacroCore 2" | <u> </u> | | | | DATE 09/ | /25/07' | 1 | - | |
| | IER WEI | GHT | | NA NA | | | | | Groundwate | r Depth (feet): | | 9.5' | |
| HAM | MER FA | | | NA | | | | | | | | | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | Τ. | USC Syn | ibol | | DESCRIPT | ION OF MATE | RIALS | | PID |
| (feet) | <u> </u> | | | 1 1000 | _ | | | | 0.00 | 31 9. T. L. D | 10 | | ppm |
| 0 | B1-A | 0-0 | .5' | 100% | - - | SM | | | U-4' Sand wi | ith silt, Light Brov | wn/Urange | | 0.0 |
| 1 | | | | | | | | | | | | | |
| 2 | B1-B | 1.5-2 | 2.0' | | _ | | | | | | | | 0.0 |
| _ | | | | | | | | | | | | | |
| 3 | + | | | | + | _ | | | | | | | |
| 4 | | | | 1000/ | | - 05 | | | | 01111-5 | | | |
| 4 | | | | 100% | \dashv | SP | | | 4-5 | Sand, Light Brov | vn | | 0.0 |
| 5 | 1 | | | | | SP | | | 5-6' Sand | with gravel, Oliv | e Green | | |
| 6 | - | | | | | SM | | | 6-8' Sand | and Silt, Orange | Brown | | |
| | | | | - | | | | | | | | | |
| 7 | | | | | | | | ļ | | | | | |
| 8 | - | | | 100% | _ | SM | | Q_1′ |)' Sand with e | ilt, Orange/Dark | Gray Oliva mat | , | 0.0 |
| | | | | 10070 | | 3141 | _ | 0-1. | . Sand with s | int, Orange Dark | Oley Olive, we | • | 0.0 |
| 9 | B1-C | 9-9 | 5' | | + | | | 1 | | | | | |
| 10 | D1-C | | <u></u> | | | | | j | | | | | |
| 11 | - | | | | - | | | | | | | | |
| | | | | | | | | | | | | | |
| 12 | + | | | | + | | | | <u>E</u> | nd of Exploration | <u> </u> | | |
| | | | | | | | | | | | | | |
| 13 | - | | | ļ | | | | { | | | | | |
| 14 | | | | | | | | ļ | | | | | |
| 15 | | | | <u> </u> | - | | | ł | | | | | |
| | | | | | | | | } | | | | | |
| 16 | | l | | | | | | <u> </u> | | | | | |
| DRILLING | G RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | SURF | ACE ELEVATION | ON: | | |
| TEMPORA | ARY WEI | L INST | ALLE | D: | No | | | | STAR | RT DATE: | 9/25/200 | 7 | |
| RISER FR | OM: | NA | TO: | NA \$CREE | N FRO | OM: | N/ | A TO: NA | END | DATE: | 9/25/2007 | | |
| OTES: | | | | | | | | | | | | <u> </u> | |
| PID me | easuremen | ts were | taken i | n 6" intervals | | | | | | | | | |
| Depths | measured | from gr | | | | | | | | | | | |
| NA=no | ot applicat | le | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| | | | | | В | OR | ING I | LOG | | | | | | | BO | ORING | 3 NUM | | 13-B2 |
|-------------------------------|-----------------|---------|------|---------------|-----------|---------|---------|-------------|---------|-------------|---------|------------|---------------|-------------|---------|----------|----------|----------|------------|
| SHAW | | лрс | | TEN! | Pat 4 | , | PROJE | CT: | US Am | ny BRAC 2 | 2005 S | ite Inves | tigation | | JO: | B NUMI | BER: | | 24976 |
| | IFRA | | | | | ۱ ۴ | | | | | | | | | CL | IENT: | USACI | E | |
| JL . | II. IK. | | | LUN | | - 1 | LOCAT | ION: | Charles | Woods A | rea, FT | MM, NJ | | | | | | | |
| | | | | | | | CONTR | ACTO | т . ч | vs | | | | | DR | ILLER: | Frank | Accor | si |
| | | | | | | | CONTR | ACIO | м. 1 | **3 | | | | | FIE | ELD RE | P: R. Mc | Cormi | ck . |
| | | | | SAMPL | ER | CA | SING | С | ORE BAI | RREL | | | r | ЕРТН | OF G | ROUND | WATER | | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | _ | | | | | DATI | 09/25 | 5/ 07' | | | | | | |
| HAMMI | ER WEI | | | NA | | _ | | | | | Grou | dwater I | Depth (fe | et): | - | | 10.0' | | |
| HAMN | MER FA | | IPLE | NA | i | | | <u> </u> | | | | | Į | | | | | | |
| DEPTH (feet) | No. | DEP | | <u>_</u> | REC | ī | JSC Syn | ibol | | | DESC | CRIPTIC | ON OF M | 1ATER | IALS | | | | PID ppm |
| 0 | | | | 1 | 00% | | CD. | | | | | | 0.5' Asp | | | | | | |
| 1 | B2-A | 0.5- | 1.0 | | | | SP | | | | | 0.5-2.5 | Sand, O | nve Gree | en | | | | 0.0 |
| 2 | B2-B | 1.5-2 | 2.0' | - | | - - | | | | | | | | | | | | | 0.0 |
| | | | - | | | | ML | | | 2.5-4.0' Sa | andy S | ilt, Olive | Green/Y | ellow O | range/ | Light Br | own | | |
| 3 | | | | | | | | | | | | | | | | | | - 1 | |
| 4 | | | | | .00% | | ML | | | | 1.6 | Candy C | Silt, Oliv | a/Light I | Droum | | | _ | 0.0 |
| | | | | | 10078 | 上 | IVIL | | | | 4-0 | Sality | oni, Onv | c) Ligiti i | DIOWII | | | ı | 0.0 |
| 5 | | | | | | | | | | | | | | | | | | | |
| 6 | | | | • | | | ML | | | | | 6-8' S | ilt, Ligh | Brown | | | | | |
| 7 | | | | | | | | | | | | | | | | | | ı | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | 1 | 00% | | SM | _ | | 8-1: | 2' Sano | with sil | t, Olive (| Green/Da | ark Gre | ey, wet | | | 0.0 |
| 9 | | | | | | | | | | | | | | | | | | | |
| 10 | B2-C | 9.5-1 | 0.0' | | | + | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | |
| 12 12 | | | | | | + | | \neg | | | | End | of Explo | oration | | | | \dashv | |
| | | | | | | \perp | | 二 | | | | | | | | | | ļ | |
| 13 | | | | | | + | | _ | | | | | | | | | | | |
| 14 | | | | | | - - | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | _ | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe F | Rig | | | | 1 | SURFA | CE ELE | VATION | ٠ ٧: | | | | |
| TEMPORA | | | | | - | No | - | | | | | START | | | | 25/2007 | | | |
| RISER FRO | | NA | TO: | | SCREEN | | M: | NA | TO: | NA | | END D | | | 9/25/2 | | | | |
| NOTES: | | | | | | | | | | | | | | | \top | | | | |
| PID mea Depths r NA=not | neasured | from gr | | | rvals | | | | | | | | | | | | | | |

| | | | | P | ORING | LOG | ; | | | BORING NUME | BER: P13-B3 | | |
|--|--|------------|------------|---------------------------|--------------|------|------------------|---------------|---|-----------------------------|----------------|--|--|
| SHAW | EN | /IRC | NN | IENTAL & | & PROJE | CT: | US Army BRAC | 005 Site In | vestigation | JOB NUMBER: | 124976 | | |
| | | | | TURE | LOCAT | ion: | Charles Woods Ar | ea FTMM | NI | CLIENT: USACE | | | |
| | | | | | 200.11 | | Online Woods III | , | | DRILLER: Frank A | ccorsi | | |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP: R. McC | | | |
| | | | | | | | <u> </u> | | | | | | |
| | YPE | | | SAMPLER robe MacroCore | CASING | C | ORE BARREL | DATE 0 | DEPT: | H OF GROUNDWATER | L | | |
| SIZ HAMM | ZE (ID) | тит | _ | 2" NA | | | | Groundwa | ter Depth (feet): | 10.5' | | | |
| | MER FAI | | | NA | | | | O10unuwu | Con Deptin (1001). | 10.5 | | | |
| DEPTH | No. | SAN DEP | IPLE TH | REC | USC Syn | ıbol | | DESCRIP | TION OF MATE | RIALS | PID | | |
| (feet) | | | | 100% | | | | - | 0-0.5' Asphalt | | ppm | | |
| | | | | 10078 | ML | | | 0.5 | -2.5' Silt, Olive Gr | een | 0.0 | | |
| 1 | B3-A | 0.5-1 | 1.0' | | | | | | | | <u> </u> | | |
| 2 | В3-В | 1.5-2 | | | CW | | | 2 | £ 21 Cassal souls | 14 | 0.0 | | |
| 3 | | | | | GW SP | | 3-4.0' Sa | | .5-3' Gravel, aspha reen/Light Brown | iit Orange, trace gravel | | | |
| 4 | | | | | | | | | | | | | |
| 4 100% SM 4-8' Sand and Silt, Olive Grey/Orange Brown 0. 5 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | _ | | | | | | ļ | | |
| 8 | | | | 1000/ | 0)4 | | 0.1 | 01.0 | G.P. OI. 10 | | | | |
| 8 | | | | 100% | SM | | 8-1 | o Sand and | Silt, Olive/Orang | e Brown, moist | 0.0 | | |
| 9 | - | | | | | | | | | | | | |
| 10 | | | | | SM | | 10-1 | 2' Sand and | Silt, Dark Grey, v | vet, iron staining | | | |
| 11 | B3-C | 10-1 | 0.5' | | | | | | | | | | |
| 12 | ļ. — | | | | | | | | End of Exploration | | | | |
| 12 | | | | | | | | | End of Exploration | | | | |
| 13 | | - | | | <u> </u> | | | | | | | | |
| 14 | | | - | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | | - | | i | | | | | | | | | |
| 16 | 1 | | | | İ | | <u></u> | | | • | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SUF | FACE ELEVATI | ON: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | STA | RT DATE: | 9/25/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | ENI | DATE: | 9/25/2007 | | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremen measured applicab | l from gr | | n 6" intervals urface | | | | | | | i | | |

| | | | | В | ORING I | LOG | } | _ | | BORING NUM | IBER: P13-B4 |
|-----------------|----------------------------------|-----------|------|--------------------------|-----------------|------|-----------------|---------|-------------------------------|-------------------------|--------------------------|
| | | | | IENTAL & | PROJEC LOCAT | ION: | Charles Woods A | | Site Investigation | ì | 124976 E x Accorsi |
| | | | | | | | _ | | | FIELD REP: R.M. | cCormick |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA. | TE 09/25/07' | - | |
| HAMM | ER WEIG | | | NA NA | | | | Gro | undwater Depth (feet): | 11.5' | |
| | VILKTA | SAN | IPLE | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | abol | | DE | SCRIPTION OF MATERI | ALS | PID ppm |
| 0 | | | | 50% | SW | | | | 0-0.5' Asphalt | | 0.0 |
| 1 | | | | | - SW | | | | 0.5-2.5' Sand, Light Brow | п | 0.0 |
| 2 | B4-A B4-B | 0.5-1 | | | _ | | | | | | 0.0 |
| | | | | | SM | | : | 2.5-4. | .0' Sand and Silt, Olive/Oran | ge Brown | |
| 3 | | | | | | | • | | | | |
| 4 | | | | 100% | SM | | | 4-8 | Sand and Silt, Olive/Orange | Brown | 0.0 |
| - | | | | | | | | | , , | | |
| 5 | - | | | | | | | | | | |
| 6 | - | | | | - | | | | | | |
| 7 | | | | - | ļ | | | | | | |
| 8 | | | | | | | | | | | |
| 8 | | | | 100% | SM/G | P | 8-10' Sand and | l Silt, | Olive/Dark Grey/Orange Bi | own, trace gravel, mois | 0.0 |
| 9 | | | | | | | | | | | |
| 10 | | | | | SM | | | 10 | -12' Sand and Silt, Olive Gr | ey, wet | |
| 11 | | | | | | | | | | | |
| 12 | B4-C | 11-1 | 1.5' | | | | | | End of Exploration | | |
| 12 | <u> </u> | ļ | | | | | | | End of Exploration | | |
| 13 | - | | | | | | | | | | <u> </u> |
| 14 | Ī | | | | | | | | | | |
| | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | <u> </u> | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | | SURFACE ELEVATION | l: | |
| TEMPORA | RY WEI | L INST | ALLE | D: 1 | No | | | | START DATE: | 9/25/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | | END DATE: | 9/25/2007 | |
| NOTES: | | | | | | | | | | | |
| Depths : | asuremen measured applicat | l from gr | | n 6" intervals urface | | | | | | | |

| | - | | | E | ORING 1 | LOG | | | - | BORING | NUMBI | ER: P13-B5 | |
|-------------------------------|----------------|-------------|------|--------------------------|--------------|--|-----------------|------------------|------------------|------------------|-------------|---------------|--|
| SHAW | ENV | /IRC | NN | TENTAL & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUMI | BER: | 124976 | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: | USACE | | |
| | | | | | CONTRA | . cmc | - m.a | | | DRILLER: | Frank Acc | corsi | |
| | | | | | CONTR | ACT | OR: TVS | | | FIELD RE | P: R. McCor | mick | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | . | <u> </u> | | DATE 09/26 | 5/07' | <u> </u> | | | |
| HAMMI | ER WEIG | | | NA | | | | Groundwater I | Depth (feet): | | 12.5' | | |
| HAMN | MER FA | | | NA | | <u>. </u> | | | <u> </u> | | | 1 | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | |
| 0 | | | | 70% | ML/G\ | V | | 0-4' Sandy Silt, | Light Brown, tr | ace gravel | | | |
| 1 | B5-A | 0-0. | .5' | | | | | | | | | 0.0 | |
| 2 | B5-B | 1.5-2 | 2.0' | , | | | | | | | | 0.0 | |
| 3 | | | | - | 1 | | | | | | | | |
| 4 | | | | | - | | | | | | | | |
| 4 | | | | 100% | SW | | 4-4.5' Sai | | /Red Orange, tr | | silt | 0.0 | |
| .5 | | | | | SP | | | 4.5-8 Sand, L | ight Brown/Oliv | e, moist | | | |
| - 6 | | | | | | | | | - | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | <u> </u> | | | | | | | | | | | | |
| 8 | | | | 1000/ | 201 | | | 0.11101 | 10't. D /C | | | | |
| . 8 | | | | 100% | SM | | | 8-11 Sand and | d Silt, Brown/Gr | ey, moist | | 0.0 | |
| 9 | | | | | ļ | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | SP | | 11 | -12' Sand, Dark | Grey/Red Oran | ge, trace silt | | ļ | |
| 12 | | | | | | | | • | • | | | | |
| 12 12 | | | | | SP | | 12-16' Sano | l, Light Brown/ | Dark Grey/Red | Orange, trace si | t, wet | 0.0 | |
| 13 | B5-C | 12-1 | 2.5' | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | End | of Exploration | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 9/26/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 9/26/2007 | | | |
| NOTES: | | | | - | | | | 1 | | 1 | | | |
| PID mez Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | BORING | LOC | 3 | | | | BORIN | G NUMBI | |
|-------------------------------|----------------|---------|------------|--------------------------|-----------|---------|-----------------|----------|---------------|------------------|----------------|-------------|-------------------------|
| CTI A VV | · IFNI | лрс | NTA/ | IENTAL (| PROJ | ECT: | US Army BRAC | 2005 | Site Investig | ation | JOB NUM | BER: | P13-B6 124976 |
| | | | | TURE | × | | | | | | CLIENT: | USACE | |
| 111 | (I'IXA | MICH | UC | IUKE | LOCA | TION: | Charles Woods A | Area, F | TMM, NJ | | | | |
| | | | | | CONT | D 4 CT/ | ND | | | | DRILLER | Frank Ac | corsi |
| | | | | | CONT | RACTO | OR: TVS | | | | FIELD RE | P: R. McCor | mick |
| | | | : | SAMPLER | CASING | | ORE BARREL | | | DEPTH | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DAT | TE 09/26/0 |)7' | | | |
| HAMMI | R WEI | | | NA | | | | Grou | indwater De | pth (feet): | | 9.5' | |
| HAMN | MER FAI | | IDY E | NA | L | | | <u> </u> | | - | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sy | mbol | | DES | CRIPTION | OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | ML/C | 3W | | 0-4' S | Sandy Silt, L | ight Brown, tra | ce gravel | | 1 |
| 1 | B6-A | 0-0. | .5 | | | | | | | | | | 0.0 |
| 2 | B6-B | 1.5-2 | 2 () | | | | | | | | | | 0.0 |
| | DV-D | 1.5-2 | 0 | | | | | | | | | | |
| 3 | _ | | | | | | | | | | | | |
| 4 | | | | | | | | 4 = 1 | | 1111.5 | | | |
| 4 | | | | 100% | SI | ,, | | 4-5' 8 | Sand with gr | avel, Light Bro | wn/Grey | | 0.0 |
| 5 | | | | | SN | i | | : | 5-8' Sand wi | th silt, Olive B | rown | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| | | | | | - | | | | | | | | |
| 8 | | | | 100% | SN | 1 | 8-1: | 2' Sand | with silt, O | range/Dark Gr | y Olive, moist | : | 0.0 |
| | | | | | | | | | | - | | | |
| 9 | B6-C | 9-9 | .5' | | | | | | | | | | |
| 10 | | | | | | | | | | | | | <u> </u> |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | _ | | | | End o | f Exploration | | | ļ |
| 12 | | | | | | | | | | - | | | |
| 13 | | | | | | | | | | | | | |
| 14 | \vdash | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | L | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | SURFACI | E ELEVATIO | 1 : | | |
| TEMPORAL | RY WEL | L INST | ALLE | D: | No | | | | START D | ATE: | 9/26/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N/ | TO: NA | | END DAT | Γ Е : | 9/26/2007 | | |
| NOTES: | | | | | | | | | | | 1 | | |
| PID mea Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | B | (O | RING | LOG | } | | | BORING NUM | BER: P13-B7 |
|----------|--------------------------------------|------------|-------|--------------------------|--------------|---------|----------|--------------|--------|--------------------------------|------------------------------|----------------|
| | | | | IENTAL & | <u>&</u> | PROJEC | | US Army BRAC | | 5 Site Investigation | JOB NUMBER: CLIENT: USAGE | 124976 |
| | | | | | | CONTR | ACTO | or: TVS | | | DRILLER: Frank | Accorsi |
| | | | | | | 0011121 | | | | | FIELD REP: R. Mc | Cormick |
| | | | | SAMPLER | С | ASING | C | ORE BARREL | L | | OF GROUNDWATER | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | | | | D, | ATE 09/26/07' | | |
| | IER WEIG | 3HT | | NA | | _ | <u> </u> | | G | oundwater Depth (feet): | 9.0' | |
| | MER FAI | | | NA | | | | | Ĭ | Janawater Depth (1666). | | |
| DEPTH | No. | SAM DEP | | REC | | USC Syn | ibol | | D | ESCRIPTION OF MATER | IALS | PID |
| (feet) | | | | 100% | + | ML/G | ν | | 0-4 | ' Sandy Silt, Light Brown, tra | ice gravel | ppm |
| 1 | B7-A | 0-0. | 5' | | _ | | | | | | | 0.0 |
| 2 | B7-B | 1.5-2 | 2.0' | | \downarrow | | | | | | | 0.0 |
| 3 | | | | | # | | | | | | | |
| 4 | + | | | | \pm | | | | | | | |
| 4 | | | | 100% | _ | ML | | | | 4-6' Sandy Silt, Light Bro | wn | 0.0 |
| 5 | | | | | _ | | | | | | | |
| 6 | | | | | + | SM | | | | Sand with silt, Olive/Light Bi | · | |
| 7 | | | | | \pm | SM | | 7-8' S | and | and Silt, Dark Grey Olive/Re | d Orange, moist | |
| 8 | | | | 100% | \pm | SM | | 8-11 | .5' \$ | Sand with silt, Orange/Dark (| Grey Olive, wet | 0.0 |
| 9 | В7-С | 8.5-9 | 0.0 | | # | | | | | | | |
| 10 | | | | | \downarrow | | | | | | | |
| 11 | 1 | | | | 1 | CL | | 11 | 5_1' | 2' Clay and organics, Dark G | en Olive wet | |
| 12 12 | | | | | # | CL | | | | End of Exploration | e, onre, wet | |
| 13 | - | | | | # | | | | | | | |
| 14 | | | | | 7 | | | | | | | |
| 15 | | | | | + | | | | | | | |
| 16 | | | | | 7 | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geoj | orobe | e Rig | , | | | SURFACE ELEVATION | 1 : | |
| TEMPORA | ARY WEL | L INST | ALLEI | D: | No | | | | | START DATE: | 9/26/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREE | N FR | ROM: | NA | TO: NA | | END DATE: | 9/26/2007 | |
| Depths | easuremen measured ot applicab | from gr | | n 6" intervals urface | | | | · | | | - | |

| | | | | В | ORING I | LOG | ··· · · · · · · · · · · · · · · · · · | BORING NUMBI | ER: P13-B8 |
|-----------|------------------------------------|------------|------------|--------------------------|----------|--------------|---------------------------------------|---|---------------|
| | | | | IENTAL & TURE | PROJEC | · | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTR | ACTOR: TVS | | DRILLER: Frank Acc FIELD REP: R. McCor | |
| | | | _ : | SAMPLER | CASING | CORE BARREL | DEPTH | OF GROUNDWATER | |
| | TYPE | | Geop | robe MacroCore | | | DATE 09/27/07' | | |
| | ZE (ID) ER WEIG | 3HT | | 2" NA | | | Groundwater Depth (feet): | 10.0' | I |
| | MER FA | | | NA | | | | | |
| DEPTH | No. | SAN DEP | IPLE TH | REC | USC Syn | nbol | DESCRIPTION OF MATER | RIALS | PID |
| (feet) | <u> </u> | | | 100% | ML/GI | P | 0-4 Sandy Silt with gravel, Lig | ht Brownl | ppm |
| 1 | B8-A | 0-0 | .5' | | | | , | | 0.0 |
| 2 | B8-B | 1.5-2 | 2.0' | | _ | | | | 0.0 |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-8' Sand with silt, Orange Brown | n/Olive Grey | 0.0 |
| 5 | | | | | | | | | |
| 6 | <u> </u> | | | - | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | 100% | CL | 8-1 | 0.5' Silty clay, Olive Grey/Brown | ı, little sand, wet | 0.0 |
| 9 | | | - | | | | | | |
| 10 | B8-C | 9.5-1 | 0.0' | | _ | | | | |
| 10 | 100-0 | 7.5-1 | 0.0 | | SM | 10.5-12 | ' Sand with silt, Dark Grey/Olive | Orange Brown, wet | |
| 11 | - | | | | | | | | |
| 12 | | | | | | | End of Exploration | | |
| | | | | | | | | | |
| 13 | \vdash | \vdash | | | - | | | | |
| 14 | | | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | <u> </u> | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | SURFACE ELEVATION | N: | |
| TEMPORA | | | | | No | | START DATE: | 9/27/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA TO: N. | A' END DATE: | 9/27/2007 | |
| NOTES: | | | | _ | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | |

| | | | | IP. | BORING I | LOG | } | | BORING NU | MBER: P13-B9 |
|-------------------------------|--------------------|-----------|------------|---------------------------|----------|----------|------------------|----------------------------------|-----------------|-----------------|
| SHAW | EN | /IRC | NN | ÆNTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| ė. | | | | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | CLIENT: USA | ACE |
| | | | | | ľ | | | | DRILLER: Fran | nk Accorsi |
| | | | | | CONTR | ACTO | OR: TVS | | FIELD REP: R. 1 | McCormick |
| | | | | SAMPLER | CASING | | ORE BARREL | DEPTH | OF GROUNDWATE | ir |
| | YPE (ID) | , | Geop | orobe MacroCore | | _ | | DATE 09/27/07' | | |
| HAMM | ZE (ID) ER WEIG | GHT | | 2" NA | | <u> </u> | | Groundwater Depth (feet): | 10.5' | - |
| HAMN | MER FA | | | NA | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION OF MATER | RIALS | PID ppm |
| 0 | | | | 100% | ML/G | P | | 0-3' Sandy Silt with gravel, Lig | ht Brown | |
| 1 | B9-A | 0-0. | .5' | | - | | | | | 0.0 |
| 2 | B9-B | 1.5-2 | 'ח' | | | | | | | 0.0 |
| | D)-B | 1.5-2 | | | | | | | | 0.0 |
| 3 | | | | | SM | | 3-4 | ' Sand with silt, Olive Green/O | range Brown | |
| 4 | | | | 1000/ | CI | | | I DI Cite at an Otion Consulton | | |
| 4 | | | | 100% | CL | | · | I-8' Silty clay, Olive Green/Ora | nge Brown | 0.0 |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | - | _ | | | | | |
| | | | | | | | | | | |
| 8 | | | | 100% | SP | | 8- | 11' Sand with gravel, Olive Gre | y Green, wet | 0.0 |
| 9 | | | | | | | | - , | | |
| 9 | | | | | | | | | | |
| 10 | B9-C | 10-1 | n 5' | | _ | | | | | |
| 11 | | | | | SP | | | 11-12' Sand, Red Orange | , wet | |
| 12 | - | | | | + | | | End of Exploration | · | |
| 12 | | | | | | | | • | | |
| 13 | | | | | | | | | | |
| 14 | | - | | | | | | | | |
| 15 | | | | | | | | | | |
| | | | | | | | | | | |
| 16 | | <u> </u> | | | | | | | | i |
| DRILLING | | | | uck-mounted Geop | | | | SURFACE ELEVATIO | | |
| TEMPORA | | | | | No | | | START DATE: | 9/27/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N | IA TO: NA' | END DATE: | 9/27/2007 | |
| NOTES: | | | | | • | | | | | |
| PID mea Depths i NA=not | neasure | l from gr | | n 6" intervals surface | | | | | | |

| | | | _ | В | ORING | LOG | | | | | BC | DRING | NUMBI | ER: P13-B10 |
|-----------------|----------------------------------|--------|------------|---------------------------|-------------|----------|-----------------|----------|--------------|----------------|-----------|-------------|-----------|----------------|
| | | | | TENTAL & | & PROJE | CT: | US Army BRAC | 2005 | Site Investi | igation | | В ПИМВ | | 124976 |
| IN | IFRA | STR | UC | TURE | LOCA | rion: | Charles Woods A | rea, F | TMM, NJ | | | IENT: | USACE | |
| | | | | | CONTI | RACTO | OR: TVS | | | | DR | ILLER: | Frank Ac | corsi |
| | | | | | | | | | | | FIE | LD REP | : R. McCo | rmick |
| | | | | SAMPLER | CASING | <u> </u> | ORE BARREL | | | | H OF GI | ROUNDY | VATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | ┼ | | DA | ΓE 09/27 | /0 <i>/</i> | | | | + |
| HAMMI | | | | NA | _ | ļ | | Gro | undwater D | epth (feet): | | | 8.5' | |
| HAMI | MEK FAI | | IPLE | NA | | | | <u> </u> | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | | | | | N OF MATE | | | | PID ppm |
| 0 | B10-A | 0-0 | 5' | 100% | SM | | 0-2.5' S | and a | nd Silt, Oli | ve/Light Brov | vn Orange | e, with cla | у | 0.0 |
| 1 | | | | | | | | | | | | | | |
| 2 | B10-B | 1.5-2 | 2.0' | - | ML | _ | | | 2 5-4' | Silt, Olive Gr | ·ev | | | 0.0 |
| 3 | | | | | 14,12 | | | | 2.5 • | o, o o. | , | | | |
| 4 | | | | | | | ļ | | | | | | | |
| 4 | | | | 100% | SM/C | iP | 4-6' San | d and | Silt with g | gravel, Olive/ | Light Bro | wn Orang | ge | 0.0 |
| 5 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | CL | | 6-8' S | ilty c | lay, Olive (| Green/Orange | Brown, I | ittle sand | | |
| 7 | · | | | | | | 1 | | | | | | | |
| 8 | | | | | - | | 1 | | | | | | | |
| 8 | B10-C | 8-8 | 5) | 100% | SM | | | 8-12 | Sand with | silt, Olive/Da | rk Grey, | wet | | 0.0 |
| 9 | B10-C | 8-8 | .5 | | | | j | | | | | | | |
| 10 | ļ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11 | · | | | | _ | | ł | | | | | | | |
| 12 | | | | | | | | | End | of Exploratio | n | | | |
| 12 | - | | | | - | | | | | | | | | - |
| 13 | | | | | | | 1 | | | | | | | |
| 14 | - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | ـــــا | | | | | | <u> </u> | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geor | orobe Rig | | | | SURFAC | CE ELEVATI | ION: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START, | DATE: | 9/2 | 27/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | ١ | IA TO: NA | | END DA | ATE: | 9/27/2 | 2007 | | |
| NOTES: | | | | | | | | | - | | | | | |
| Depths 1 | asuremen neasured applicab | from g | | n 6" intervals ourface | | | | | | | | | | |

| | | | | æ | ORING 1 | LOG | ; | | | BORING | NUMBE | E R: P13-C1 |
|-----------------|----------------|-----------|------|--------------------------|-----------------|-------|--------------|------------------|-------------------|------------------|---------------|-----------------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | igation | JOB NUME | BER: USACE | 124976 |
| | | | | | CONTEN | | n. 7370 | | | DRILLER: | Frank Acc | corsi |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD REI | R. McCon | mick |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 09/27 | 107 | | | |
| HAMMI | | | | NA NA | | | | Groundwater I | Depth (feet): | | 9.0' | |
| HAMN | MER FA | | IPLE | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | | ON OF MATER | | | PID ppm |
| 0 | C1-A | 0-0. | 5' | 100% | SM | | | 0-1' Sand a | and Silt, Light B | rown | | 0.0 |
| 1 | CI-A | 0-0. | | | SP | | | 1-2.5' Sa | and, Orange Bro | vn | | |
| 2 | C1-B | 1.5-2 | 2.0' | | | | | | | • | | 0.0 |
| 3 | <u> </u> | | | | ML/G | M_ | 2.5-4.0 | Silt, Olive/Ora | nge Red Brown, | trace gravel;san | ıd | |
| | | | | | | | | | | | | |
| 4 | | | | 100% | ML | | 4 | -5.5' Sandy Silt | , Olive/Orange I | Red Brown | | 0.0 |
| 5 | | | | | | | | | | | | |
| | | | | | SM | | 5 | .5-8' Sand with | silt, Olive Dark | Grey, moist | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | <u> </u> | | | 100% | SM | | 9.1/ | l Cand with Cile | , Olive Dark Gre | u/Vallaur mat | | 0.0 |
| . 8 | | | | 100% | SIVI | | 0-10 | Sand with Sin | , Olive Daik Gle | y į ellow, wei | | 0.0 |
| 9 | C1-C | 8.5- | 9.0 | | | | | | | | | |
| 10 | | | | | CL | | i | 10-11' Silty o | lay, Orange Red | /Brown | | |
| 11 | | | | | CL | | | 11-12' Clay a | and organics, Da | rk Grey | | |
| 12 | | - | | | | | | End | of Exploration | | | |
| 12 | | | | | | | | | · · | | | |
| 13 | | | | - | | | | | | | | |
| 14 | | | | | - | | | | | | | |
| 15 | - | <u> </u> | | | | | | | | | | |
| 16 | | ļ | | | | | | | | | | |
| DRILLING | RIG TV | pr | т. | uck-mounted Geo | nrohe Ria | | . | SIRFA | CE ELEVATIO | N· | | , |
| TEMPORA | | | | | No | | | START | | 9/27/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | NA | TO: NA | END D | | 9/27/2007 | | |
| NOTES: | | | | 557.55 | | • • • | | | - - | -1 | | |
| l | neasured | l from gr | | n 6" intervals urface | | | | | | | ų | |

BORING NUMBER: **BORING LOG** P13-C2 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: INFRASTRUCTURE USACE Charles Woods Area, FTMM, NJ LOCATION: DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R. McCormick DEPTH OF GROUNDWATER CASING CORE BARREL SAMPLER DATE 09/26/07' TYPE Geoprobe MacroCore SIZE (ID) 9.5' HAMMER WEIGHT NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE DEPTH (feet) No. DEPTH REC USC Symbol DESCRIPTION OF MATERIALS 0-0.5' Ashpalt 0 100% SP/GP 0.5-1' Sand and Gravel, Light Brown 0.0 C2-A 0.5-1.0 1-4' Sandy Silt, Olive Grey/Orange Red 2 C2-B 1.5-2.0 0.0 3 ML 4-8' Sandy Silt, Olive Grey/Brown/Orange Red 0.0 6 7 8 8-9' Silt, Olive Grey/Brown, moist 0.0 100% ML , 8 9-12' Sand and Silt, Orange Brown/Dark Grey,wet SM 9.0-9.5' 10 11 12 End of Exploration 12 13 14 15 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: START DATE: 9/26/2007 TEMPORARY WELL INSTALLED: RISER FROM: NA TO: NA SCREEN FROM: 7' TO: 12' END DATE: 9/26/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | F | OI | RING | LOC | | • | | | BORI | NG NUMBE | R: P13-C3 |
|-------------------------------|----------------|---------|------------|--------------------------|---------|----------|------|------------------|---------|----------------|-----------------|---------------|----------------|--------------|
| SHAW | EN | VTRC | IN | ÆNTAL (| ૯ | PROJE | CT: | US Army BRAC | 2005 | Site Investi | igation | JOB NU | - | 124976 |
| | | | | TURE | | } | | | | | | CLIENT | T: USACE | |
| | | | | | | LOCAT | ION: | Charles Woods Ar | rea, F | TMM, NJ | | | | |
| | | | | | | CONTR | ACT | OR: TVS | | | | DRILLE | ER: Frank Acco | rsi |
| | | | | | | | | | | | | FIELD 1 | REP: R. McCorm | ick |
| | | | | SAMPLER | C. | ASING | | CORE BARREL | | | | OF GROU | NDWATER | |
| | YPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | | DA7 | ΓΕ 09/27/ | (07' | | | |
| HAMMI | R WEI | | | NÄ | | | | | Gro | undwater D | epth (feet): | | 9.5' | |
| HAMN | MER FAI | | | NA_ | | <u>.</u> | L | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | T | USC Syn | bol | | DES | CRIPTIO | N OF MATEI | HALS | | PID ppm |
| 0 | | | | 50% | 丁 | | | | | | 0.5' Asphalt | | | |
| 1 | C3-A | 0.5-1 | 1.0' | | \pm | SW | | | 0.5- | 2' Sand wit | h gravel, Orang | ge Brown | | 0.0 |
| 2 | С3-В | 1.5-2 | 2.0' | | 1 | ML/GN | И | 2-4' S | Silt, L | ight Brown | /Red Orange,tr | ace gravel;sa | and | 0.0 |
| 3 | | | | | + | | | | | | | | | |
| 4 | | | | | 4 | | | 1 | | | | | | |
| 4 | \vdash | | | 100% | + | ML | | - | 4-7 | '.5' Sandy S | ilt, Orange Yel | low Red | | 0.0 |
| 5 | | | | | - | | | | | • | | | | |
| ٠, ٠ | | | | | _[- | | - | 1 | | | | | | |
| 6 | | | | | + | | | | | | | | | ļ |
| 7 | | | | | | | | [| | | | | | |
| 8 | | | | | | SM | | 7.5-8' | Sand | l with silt, I | Dark Grey Olive | e/Orange Bro | own | |
| 8 | | | | 100% | \top | SM | | 8-10.5 | ' San | d and Silt, | Dark Grey Oliv | e/Orange Bro | own | 0.0 |
| 9 | | | | | + | | | ł | | | | | | |
| | C3-C | 9-9. | .5 | | 4 | | | 1 | | | | | | |
| 10 | | | | | s | M | | 10.5-12 | ' San | d and Silt, (| Olive Grey/Ora | nge, mottling | , wet | |
| 11 | | | | | 1 | | | 1 | | · | | | , | |
| 12 | | | | | + | | | | | End o | of Exploration | | | |
| 12 | | | | | 7 | | | | | _ | | | | |
| 13 | | - | | | \perp | | | | | | | | | |
| 14 | | | | | + | | | - | | | | | | |
| | | | | | # | | | [| | | | | | |
| 15 | | | | | + | | | ł | | | | | | |
| 16 | | | | | | | | 1 | | | | | | |
| DRILLING | RIG TYI | PE: | Tr | uck-mounted Geo | orobe | Rig | | | İ | SURFAC | E ELEVATIO | N: | | |
| TEMPORAL | RY WEL | L INST. | ALLE | D: | No | | | | | START I | DATE: | 9/27/200 | 07 | |
| RISER FRO | M: | NA | TO: | NA SCREE | ۱ FR | ом: | 7 | IA TO: NA' | | END DA | TE: | 9/27/2007 | | |
| NOTES: | | | | | | | | | | | | | • | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING | LOC | | | | BORING NUMBE | ER: P13-C4 |
|-----------------|------------------------------------|------------|------------|--------------------------|-----------|----------|--------------|----------------|---|---------------------------|---------------|
| | | | | TURE | PROJE | | US Army BRAC | | - | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTI | RACTO | OR: TVS | | | DRILLER: Frank Acc | |
| | | | | SAMPLER | CASING | | ORE BARREL | T | DEPTH | OF GROUNDWATER | |
| | TYPE | | | robe MacroCore | | | | DATE 09/ | 26/07' | | |
| | IZE (ID) IER WEI | GHT | | 2" NA | | \vdash | | Groundwater | Depth (feet): | 7.5' | + |
| | MER FA | | | NA | | | | | | 1 | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | USC Sys | mbol | | DESCRIPT | ION OF MATE | RIALS | PID ppm |
| 0 | | | | 100% | | | | | 0-0.5' Asphalt | | |
| 1 | C4-A | 0.5- | 1.0' | | SM SP | | | | d and Silt, Light i d, Light Brown/O | | 0.0 |
| 2 | C4-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | ļ | | | | | | | | | | - |
| 4 | | | | 1000/ | 97 | | | 70 1 31 | | O P | 0.0 |
| 4 | | | | 100% | SP | | | _ | vel, Olive Green/ | | 0.0 |
| 5 | <u> </u> | | | | SP | | 5-8' Sa | and, Dark Grey | Olive/Orange Bro | own, little silt, wet | |
| 6 | | | | | | | | | | | |
| 7 | C4-C | 7.0- | 7.5' | | | | | | | | |
| 8 8 | | | | | | | | Er | d of Exploration | | |
| 9 | | | | | | | | | | | |
| 10 | | | _ | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | <u> </u> | | | | | | | | | | |
| 12 | | | | | | | | | | | _ |
| 13 | | | | | | | | | | | |
| 14 | - | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | 1 | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geor | probe Rig | | | SURF | ACE ELEVATIO | N: | |
| TEMPORA | ARY WEI | L INST | ALLE | D: | Yes | | | STAR | T DATE: | 9/26/2007 | |
| RISER FRO | OM: | NA | то: | NA SCREET | N FROM: | 7' | TO: 12 | ' END I | DATE: | 9/26/2007 | |
| OTES: | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from gr | | n 6" intervals urface | | | | | | | , |

| | | | | E | ORING | LOC | , | - | | BORIN | G NUMBE | R: P13-C5 | |
|---|----------------|---------|------|--------------------------|-----------|------|------------------|-------------------|------------------|----------------|--------------|--------------|--|
| SHAW | ENV | /IRC | NN | TENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 | |
| | | | | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | | |
| | | | | | | | | | | DRILLER | : Frank Acc | orsi | |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R. McCorr | nick | |
| | | | | SAMPLER | CASING | (| CORE BARREL | - | | OF GROUNI | WATER | | |
| | YPE ZE (ID) | | Geor | robe MacroCore 2" | _ | | | DATE 09/27 | //07' | | ļ. <u> </u> | | |
| HAMMI | ER WEIG | | | NA NA | | | | Groundwater I | Depth (feet): | | 9.5' | | |
| HAMN | MER FAI | - | | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | |
| 0 | | | | 100% | SM | | | 0-4' Silt and Sa | nd, Light Brown | , asphalt | | | |
| 1 | C5-A | 0-0 | .5' | | | | | | | | | 0.0 | |
| 2 | C5-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 | |
| | | | | | | | | | | | | | |
| 3 | | | - | | | | | | | | | | |
| 4 | | | | 10007 | ow. | | | (0.0-1 31- | 1771.7 | ***** *** | | | |
| 4 100% SW 4-6.5' Sand with gravel, Light Brown, little silt 0.0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | ML | | | .5-7.5' Silt, Ora | nge Red/Brown, | little sand | | | |
| | | | | | SM | | 7.5-8 | ' Sand with silt, | Olive Grey/Ora | nge Red, moist | : | | |
| 8 | | | | 100% | SP | | | 8-11' Sand, (| Orange/Olive Gr | ey, wet | | 0.0 | |
| 9 | | | | | | | | ŕ | J | • • | | | |
| 9 | C5-C | 9-9 | .5 | - | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | CL | | | 11-12' Cl | ay, Olive Green, | wet | | | |
| 12 | | | | <u>-</u> | - | | - | End | of Exploration | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | l | | | | | | |
| | | | | | | | 1 | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | 1 | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | √: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 9/27/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | ١ | IA TO: NA' | END DA | ATE: | 9/27/2007 | | | |
| NOTES: | - | | | | <u> </u> | | | 1 | | | | | |
| PID mez Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | LOG | | | | BORING NU | MBER: P13-C6 |
|-----------------|------------------------------------|---------|------------|--------------------------|-----------------|----------|-------------|-----------------|-------------------|----------------------------|-----------------|
| | | | | IENTAL & | PROJEC LOCAT | | S Army BRAC | | _ | JOB NUMBER: CLIENT: USA | 124976 CE |
| | | | | | | | | | | DRILLER: Fran | nk Accorsi |
| | | | | | CONTR | ACTOR: | TVS | | | FIELD REP: R. M | McCormick |
| | | | | SAMPLER | CASING | CORI | E BARREL | | | OF GROUNDWATE | R |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | <u> </u> | | DATE 09/20 | 6/07' | | |
| HAMM | ER WEIG | | | NA | | | | Groundwater I | Depth (feet): | 9.0' | |
| HAM | MER FAI | | | NA | | <u> </u> | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DESCRIPTION | ON OF MATER | IALS | PID ppm |
| 0 | | | ~ 1 | 100% | SM | | | 0-3.5' Silt a | and Sand, Light I | Brown | 0.0 |
| 1 | C6-A | 0-0. | .5' | | | | | | | | 0.0 |
| 2 | C6-B | 1.5-2 | 2.0' | | SP | | | 3.5-4' Sand | d, Olive Green/O | range | 0.0 |
| 3 | | - | | | | | | | | • | |
| 4 | | | | 100% | SP | | 4-8' Sai | d Dark Grey (| Olive/Light Brow | n,little silt, moist | 0.0 |
| 5 | | | | 100% | | | , , , | .u, 2 0.03 | 2 | , | |
| · . | | | | | 1 | | | | | | |
| 6 | | - | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | SM | | 8-11' | Sand and Silt, | Dark Grey/Orang | ge Brown, moist | 0.0 |
| 9 | C6-C | 8.5- | 9.0 | - | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | <u> </u> | | | | CL | | 11-1 | ?' Clay and org | anics, Dark Grey | , little sand,wet | |
| 12 | | | | | | | | Enc | d of Exploration | | |
| 13 | | | | | | | | | | | |
| 14 | | | | - | | | | | | | |
| 15 | | - | _ | | - | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | SURFA | CE ELEVATIO | N: | |
| TEMPORA | RY WEL | L INST | ALLE | D: | Yes | | | START | DATE: | 9/26/2007 | |
| RISER FRO | | NA | TO: | NA SCREEN | I FROM: | 7' T | °O: 12' | END D | ATE: | 9/26/2007 | |
| NOTES: | | | | | | | | (| | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | E | ORING 1 | LOG | } | - | | BORING NUM | MBER: P13-C7 | | | |
|-------------------------------|----------|----------|--------|---------------------------|---------------|------|--------------------------------|-----------------|-------------------|--------------------|-----------------|--|--|--|
| | | | | TENTAL & | & PROJEC | CT: | US Army BRAC | 005 Site Invest | tigation | JOB NUMBER: | 124976 | | | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: USA | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Fran | k Accorsi | | | |
| | _ | | | | | | | | | FIELD REP: R. M | leCormick | | | |
| 7 | YPE | | | SAMPLER robe MacroCore | CASING | | ORE BARREL | DATE 09/27 | OF GROUNDWATE | R T | | | | |
| | ZE (ID) | | Ссор | 2" | | | | DATE 03/2/ | 101 | | | | | |
| HAMMI | | | | NA | | | Groundwater Depth (feet): 7.0' | | | | | | | |
| HAMI | MER FA | | PLE | NA | · | Щ. | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | DESCRIPTION OF MATERIALS | | | | | | | |
| 0 | C7-A | 0-0. | 5, | 100% | SM/G | Р | 0 | 4' Silt and San | d with gravel, Li | ght Brown | 0.0 | | | |
| 1 | O/-PA | 0-0. | | | | | | | | | 0.0 | | | |
| 2 | С7-В | 1.5-2 | 2.0' | | | | | | | | 0.0 | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | <u> </u> | | | | | | | | | | | | | |
| 4 | | | | 100% | SW | | 4-6.5' | Sand with grav | el, Olive/Light I | Brown, little silt | 0.0 | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | C7-C | 6.5-7 | 7.0' | | SM | | 6.5-8 | Sand with silt, | Orange Brown/ | Dark Grey, wet | | | | |
| 8 | | | | | | | | End | of Exploration | | | | | |
| 8 | | | | | | | | | or Exploration | | | | | |
| 9 | | | | | | - | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | <u> </u> | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | _ | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| | RIG TV | L PE: | T= | ick-mounted George | nrobe Ria | | L | SURFA | CE ELEVATIO | | 1 | | | |
| DRILLING TEMPORAL | | | | uck-mounted Geo | | | | | | 9/27/2007 | | | | |
| RISER FRO | | NA | TO: | NA SCREE | No N FROM: | N | IA TO: NA' | START END D | | 9/27/2007 | | | | |
| NOTES: | | | | - | | | | 1 | | | - | | | |
| PID mea Depths r NA≔not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | <u>1</u> | BORING | G LO | <u>G</u> | | | BORING NUMBE | ZR: P13-C8 | | | | |
|-----------------|------------------------------------|--------|------|--------------------------|-----------|----------|-------------|---------------|--------------------------------|--|--|--|--|--|--|
| | | | | IENTAL . | & | JECT: | • | | Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 | | | | |
| | | | | | CON | TRAC | FOR: TVS | | | DRILLER: Frank Accorsi FIELD REP: R. McCormick | | | | | |
| | | | | SAMPLER | CASING | G . | CORE BARREL | F GROUNDWATER | | | | | | | |
| | TYPE ZE (ID) | - | Geop | robe MacroCore 2" | <u> </u> | - | | DA | TE 09/26/07' | | | | | | |
| HAMM | ER WEI | | | NA | | | | Gro | oundwater Depth (feet): | 7.5' | | | | | |
| HAM | MER FA | | IPLE | NA | <u> </u> | ! | | | | <u> </u> | ` | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | 1 | DE | SCRIPTION OF MATERIA | ALS | PID ppm | | | | |
| 0 | 00.4 | | | 100% | SM | I/GW | 0 | -2,5' | Silt and Sand, Light Brown, tr | ace gravel | 0.0 | | | | |
| 1 | C8-A | 0-0 | .J | | | | _ | | | | 0.0 | | | | |
| | C8-B | 1.5-2 | 2.0' | | | <u>-</u> | - | | | | 0.0 | | | | |
| 3 | | | | | ı | MĪL | - | | 2.5-4' Sandy Silt, Light Brow | vn | | | | | |
| | | | | | | | 1 == | | | | | | | | |
| 4 | | | | 100% | - | ML | 4 | -7' Sa | ndy Silt, Olive Grey/Light Br | own, moist | 0.0 | | | | |
| | - | | | | _ | | _ | | | | 1 | | | | |
| 6 | | | | | | | _ | | | | | | | | |
| | | | | | | 20.4 | 7.01 | C1 | with the Dade Compolition (De- | J. D | | | | | |
| 7 | C8-C | 7-7 | .5' | | , | SM | | Sanu | with silt, Dark Grey Olive/Re | a Brown, wer | | | | | |
| 8 8 | - | | | | | | | | End of Exploration | | | | | | |
| 9 | | | | | | - | _ | | | | | | | | |
| | | | | | | | _ | | | | | | | | |
| 10 | | | | | | , | | | | | | | | | |
| 11 | | | | | • | | - | | | | | | | | |
| 12 12 | | | | | | | | | | | -[| | | | |
| | | | | | | | 1 | | | | | | | | |
| 13 | | | | | | | _ | | | | | | | | |
| 14 | | | | | - | | - | | | | — — | | | | |
| 15 | - | | | | | | - | | | | | | | | |
| 16 | 1 | | | | | | 7 | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | 1 | SURFACE ELEVATION | | | | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | Yes | | | | START DATE: | 9/26/2007 | | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | | 7' TO: 12 | ' | END DATE: | 9/26/2007 | _ : | | | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from g | | n 6" intervals urface | | | | | | | | | | | |

| | | | | Ī | BORIN | I D | oc | ı, | | | BORIN | G NUMBE | R: P13-C9 | | |
|-------------------------------|----------------|---------|------|--------------------------|-----------|--------|------|--------------------|---------|-------------------------------|-------------|---------------|--------------|--|--|
| SHAW | FNI | ZTD (| M | IENTAL . | e, PR | OJEC | T: | US Army BRAC | 200 | 5 Site Investigation | јов пим | BER: | 124976 | | |
| | | | | TURE | | | | | | | CLIENT: | USACE | | | |
| | | | | TOILE | LC | CATI | ON: | Charles Woods A | Area, | FTMM, NJ | į | | | | |
| | | | | | cc |)NTR | ACTO | R: TVS | | | DRILLER | : Frank Acco | orsi | | |
| | | | | | | ,,,,,, | | 115 | | | FIELD RE | P: R. McCom | nick | | |
| | - | | | SAMPLER | CASI | | | | | | | F GROUNDWATER | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | D/ | ATE 09/27/07' | | | | | |
| HAMMI | ER WEIG | | | NA | | | | | Gr | oundwater Depth (feet): | | 6.5' | | | |
| HAMIN | MER FA | | 1PLE | NA | | | | | | | | <u>L.</u> | | | |
| DEPTH (feet) | No. | DEP | | REC | US | C Sym | bol | | DI | IALS | | PID ppm | | | |
| 0 | C9-A | 0-0. | 5. | 100% | | CL | | | le sand | | 0.0 | | | | |
| 1 | - A | U-U. | | | | | | | | | V.0 | | | | |
| 2 | C9-B | 1.5-2 | 2.0' | | | | | | | | | | 0.0 | | |
| 3 | | | | | | CL | | | | 3-4' Silty clay, Olive Grey (| reen | | | | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | 4-6 | 0.0 | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | - | | | | | | | | | | | | | | |
| | С9-С | 6-6 | .5' | | | | | | 6.5' | Refusal - Brick and mortar. | Slight odor | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | End of Exploration | | | | | | | |
| | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | ***** | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | \vdash | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | <u> </u> | | | | |
| 13 | | | | | +- | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 15 | - | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | | SURFACE ELEVATION | 1: | | | | |
| TEMPORAL | RY WEL | L INST | ALLE | D: | No | | | | | START DATE: | 9/27/2007 | | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | | N | A TO: NA | • | END DATE: | 9/27/2007 | | | | |
| NOTES: | | | | | | | | | | | | - | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | | |

| | | | | | В | ORING | LOC | | | | _ | В | ORIN | G NUM | | -C10 |
|-----------------|-------------------------------------|---------|------------------|-------------------|------------|---------|--------------------------------|------------------------------------|--------------|-------|-------------------------------|---------|-----------------------------------|-----------|----------|------------|
| SHAV | V ENV | | | | | ; | ECT: | US Army BRAC | | | gation | ŀ | JOB NUMBER: 124976 CLIENT: USAGE | | | |
| | | | | | | CON | TRACTO | OR: TVS | | | | D | RILLER | : Frank | Accorsi | |
| | | | | | | Con | IMCI | JA. 175 | | | | F | IELD RE | P: R. McC | Cormick | : |
| | TVDE | | | SAMPLI robe Ma | | CASING | | | | | | | OF GROUNDWATER | | | |
| | TYPE IZE (ID) | | Geop | 2" | crocore | | DATE 09/26/07' | | | | | | | | - | |
| | IER WEIG | | | NA | | | Groundwater Depth (feet): 7.5' | | | | | | | 7.5' | | |
| HAM | MER FA | | <u> </u> IPLE | NA | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | ŀ | REC | USC S | ymbol | DESCRIPTION OF MATERIALS | | | | | | | | PID ppm |
| 0 | | | | 1 | 00% | ML | GW | | 0-3.5' Sandy | Silt, | lt, Light Brown, trace gravel | | | | | |
| 1 | C10-A | 0-0 | .5' | | | | | | | | | | | | E | 0.0 |
| 2 | C10-B | 1.5-2 | 2.0' | | | - | | | | | | | | | E | 0.0 |
| 3 | | | | | | | SM 3.5-4' Clayey sand, Dark | | | | | _ | | | | |
| 4 | + | | | | | S | М | 4 | 3.5-4 | Clay | ey sand, Dark | Grey | | | - | |
| 4 | | | | 1 | 00% | C | L | 4-7.5' Clay, Grey Green, moist 0.0 | | | | | | | | 0.0 |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | ļ | | | | | | | | | | |
| 7 | 210.0 | | | | | S | Р | 7.5 | 8' Sand, Gre | y Gre | een/Orange Re | ed, wet | , mottling | | þ | |
| 8 | C10-C | 7-7 | .5' | _ | | | End of Exploration | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | - | - |
| 9 | | | | | | | | } | | | | | | | F | |
| 10 | | | | | | | | | | | | | | | F | |
| 11 | | | | | | ļ | _ | | | | | | | | . | |
| 12 | | | | | | | | | | | | | | | | |
| 12 | - | | | | | - | | 1 | | | | | | | \vdash | |
| 13 | 1 | | | | | 1 | |] | | | | | | | F | |
| 14 | - | | | | | | | 1 | | | | | | | þ | |
| 15 | | | | | | | | | | | | | | | F | |
| 16 | <u> </u> | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mou | nted Geopi | obe Rig | | | SUR | LFAC | E ELEVATIO | ON: | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | Ŋ | es es | | | STA | RT E | DATE: | ç | 9/26/2007 | | | |
| RISER FRO | OM: | NA | то: | NA | SCREEN | FROM: | 7' | TO: 12 | ENI | DA' | TE: | 9/26 | 5/2007 | | | |
| NOTES: | | | | - | | | | | | | | | | | | |
| Depths | easuremen measured t applicab | from gr | | | vals | | | | | | | | | | | |

| | | | | <u>]</u> | BORING | LOG | ` | | | BORIN | G NUMBI | P14-A20 | |
|-------------------------------|-----------------|-----------|------------|--------------------------|-----------|-------|--|-------------------------|-------------------------------|-----------|---------------|----------|--|
| SHAW | ENV | VIRO | NN | IENTAL (| & PROJE | CT: | US Army BRAC | 2005 | Site Investigation | JOB NUM | BER: | 124976 | |
| | | | | TURE | LOCA | TION: | Charles Woods A | rea, | FTMM, NJ | CLIENT: | USACE | | |
| | | | | | ļ | | | | | DRILLER | : Frank Acc | orsi | |
| | | | | | CONTI | RACTO | OR: TVS | | | FIELD RI | P: K. Gerdes | , | |
| | | | | SAMPLER | CASING | 7 | ORE BARREL | | ДЕРТН | OF GROUNI | F GROUNDWATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | TE 10/12/07' | | Ţ | | | |
| HAMM | ER WEI | | | NA NA | | | | oundwater Depth (feet): | | 8.5' | | | |
| HAM | MER FA | | - | . NA | | | | <u> </u> | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sy | mbol | | IALS | ALS | | | | |
| 0 | A 20 A | 0.0 | - | 100% | SP | | 0-1' Sand, Light Brown/ Red, little silt, clay | | | | | | |
| 1 | A20-A | 0-0 | .5' | | SP | | | | 1-2' Sand, Dark Brown | ı | | 0.0 | |
| 2 | A20-B | 1.5-2 | 2.0' | | SP/C | L | | 2- | 4' Sand with silty clay, Dark | Brown | | 0.0 | |
| 3 | | | | | SM | - | | | | | | | |
| 4 | | | | 100% | SP | | | | 4-5' Sand with gravel, Dark | Droum | | 0.0 | |
| | | : | | 10076 | | | | • | <u> </u> | | | 0.0 | |
| 5 | | | | - | SM | | | | 5-6' Sand with silt, Dark B | rown | | | |
| 6 | SM | | | | | | | 6- | -8' Silty sand, Orange Grey, | mottled | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | CL | | | - R | -12' Silty clay,Orange Grey, | mottled | | 0.0 | |
| | A20-C | 8-8 | .5' | | - CE | | | 0 | -12 only clay, Grange Grey, | monica | | 0.0 | |
| 9 | - | _ | | | _ | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | End of Exploration | | | <u> </u> | |
| 12 | | | | | | | | | Zac v. Enplotation | | | | |
| 13 | | | | | - | | | | | | | · | |
| 14 | | | | | | | | | | | | | |
| 15 | - | - | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 16 DRILLING | RIG TY | L PE: | Tr | l uck-mounted Geo | probe Rig | | | - | SURFACE ELEVATION | | | | |
| TEMPORA | | | | | No | | | 1 | START DATE: | 10/12/200 | 7 | | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | | END DATE: | 10/12/200 | | | |
| NOTES: | | | | | | | - | | | | | | |
| PID mea Depths i NA=not | neasured | l from gr | | n 6" intervals urface | | | | | | | | | |

| | • | | | В | ORING | LOC | · · · · · · · · · · · · · · · · · · · | | | BORIN | G NUMBE | R: P14-A21 | | |
|-----------------|----------------------------------|---------|------|---------------------------|-----------|------|---|------------------|------------------------|------------|----------------------|---------------|--|--|
| | | | | IENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | 124976 | | |
| IN . | NFRA | STR | RUC | TURE | LOCAT | ION: | Charles Woods A | CLIENT: | DRILLER: Frank Accorsi | | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | ľ | FIELD REP: K. Gerdes | | | |
| | | | | 1 | | | - | | | | | | | |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | (| ORE BARREL | DATE 10/12 | | OF GROUND | WATER | | | |
| SI | ZE (ID) | | | 2" | | | | | | | | | | |
| | ER WEIC MER FAI | | | NA NA | | | Groundwater Depth (feet): 10.5' | | | | | | | |
| | | | IPLE | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | PID ppm | | | | | | |
| 0 | A21-A | 0-0 | £1 | 100% | SW | | | 0.0 | | | | | | |
| 1 | A21-A | 0-0 | .5 | | | | | | | | | 0.0 | | |
| 2 | A21-B | 1.5-2 | 2.0' | | SW | | | 2-3' Sa | and,Dark Brown | 1 | | 0.0 | | |
| 3 | | | | | SM-C | L. | | 3-4' Silty sand | l with clay. Darl | c Brown | | | | |
| | | | | | | | 3-4' Silty sand with clay, Dark Brown | | | | | | | |
| 4 | <u> </u> | | | 100% | CL | | | 4-: | 5' Clay, Grey | | | 0.0 | | |
| | | | | | | | | | | | | | | |
| 5 | | | | <u> </u> | SM | | | 5-6 Sand V | vith silt, Light E | srown | | | | |
| 6 | | | | | SP | | | 6-8' | Sand, mottled | | | | | |
| 7 | | | | | | | - | | | | | | | |
| 8 | | | | | | | | | | | | ļ | | |
| 8 | | | | | SM | | 8-9' Sand with clay, Dark Brown | | | | | | | |
| 9 | | | | | SM | | 9-10' Sand with silt, Dark Brown, little clay, gravel | | | | | | | |
| 10 | : | | | | SP | | | 10-11' Sand | , Light Brown/0 | Orange | | | | |
| | A20-C | 10-1 | 0.5' | | | | | | _ | _ | | | | |
| 11 | | | | | SM | | | 11-12 Sand | with silt, Tan/C | Jrange | | | | |
| 12 12 | | | | | | | | End | of Exploration | | | | | |
| | | | | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mounted Geor | orobe Rig | | _ | SURFAC | CE ELEVATIO | N: | | • | | |
| TEMPORA | | | | _ | No | | | START | | 10/12/2007 | | | | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | END DA | | 10/12/2007 | | | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea | asuremen measured applicab | from gr | | 1 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING I | LOG | BORING NUMBER: P14-A22 | | | | | | | |
|-----------------|---------------------------------------|---------|------|--------------------------|-----------|--------------------|--|---------------------|----------------------|--|--|--|--|--|
| | | | | IENTAL & | PROJEC | CT: US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 | | | | | |
| I | VFRA | STR | UC | TURE | LOCAT | ION: Charles Woods | Area, FTMM, NJ | CLIENT: USACE | | | | | | |
| | | | | | CONTR | ACTOR: TVS | | DRILLER: Frank Ac | corsi | | | | | |
| _ | | | | | | | | FIELD REP: K. Gerde | FIELD REP: K. Gerdes | | | | | |
| | | | | SAMPLER | CASING | CORE BARREL | | | | | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | DATE 10/12/07' | | | | | | | |
| HAMM | ER WEIC | | | NA | | | Groundwater Depth (feet): | 9.0' | | | | | | |
| HAMI | MER FAI | | PLE | NA | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sym | bol | DESCRIPTION OF MATERIALS | | | | | | | |
| 0 | A22-A | 0-0 | 5' | 100% | SP | | 0-4' Sand, Brown, little gravel | | | | | | | |
| 1 | AZZ-A | 0-0 | ., | | SP | | 0.0 | | | | | | | |
| . 2 | A22-B | 1.5-2 | 2.0' | | · SP | | | | 0.0 | | | | | |
| 3 | | | | | SM | = | | | | | | | | |
| 4 | | | | 1000/ | CD. | | 4 (10: 1 h | , | | | | | | |
| 5 | | | | 100% | SP | | 4-6' Sand, Brown | | 0.0 | | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | SM | _ | 6-8' Sand with silt, Brow | TI. | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | SP | | 8-9' Sand, Dark Brown, little silt 0.0 | | | | | | | |
| 9 | A22-C | 8.5- | 9.0' | | SP | | 9-10' Sand, Light Brown | | | | | | | |
| 10 | | | | | ML | | 10-12' Silt, Brown, little sand | | | | | | | |
| 11 | | | | | - | _ | | | | | | | | |
| 12 | | | | | | | End of Exploration | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 14 | | | | | _ | | | | | | | | | |
| | | | | | <u> </u> | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 DRILLING | RIG TYI | PE: | Tn | ick-mounted Geor | orobe Rig | | SURFACE ELEVATION | | | | | | | |
| TEMPORA | | | | | No | | START DATE: | 10/12/2007 | | | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | N FROM: | NA TO: NA | END DATE: | 10/12/2007 | | | | | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths 1 | asurement measured t applicable | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING | LOG | - | | | BORING NUMB | ER: P14-B14 | | |
|-----------------|---|---|-------|---------------------------|----------|------|-----------------|----------------------------|------------------------|---------------------------|----------------|--|--|
| | | | | IENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Investigation | ı | JOB NUMBER: CLIENT: USAGE | 124976 | | |
| II | NFKA | 721H | UC | TURE | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | | CERENT. COACE | | | |
| • | | | | | CONTR | ACTO | OR: TVS | | DRILLER: Frank Ac | corsi | | | |
| | | | | | | | | · | : | FIELD REP: K. Gerde | s | | |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | C | ORE BARREL | DATE 10/11/07' | тн ог | GROUNDWATER | | | |
| SI | ZE (ID) | | Geop | 2" | | | | | | | | | |
| | ER WEIG MER FAI | | | NA NA | | | | Groundwater Depth (feet): | - | 9.5' | | | |
| | | SAN | IPLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | abol | | DESCRIPTION OF MAT | SCRIPTION OF MATERIALS | | | | |
| 0 | B14-A | 0-0. | 51 | 100% | SP | | | 0-2' Sand, Brown, little s | silt,grav | el | 0.0 | | |
| 1 | D14-A | 0-0. | ر. | | | | | | | | 0.0 | | |
| 2 | 2 B14-B 1.5-2.0' SM 2-4' Sand with clay, Brown, little silt, gravel | | | | | | | | | | 0.0 | | |
| 3 | | | | | | | | | | | | | |
| 4 | | '' 100% SW/GW 4-8' Sand and Gravel, Brown | | | | | | | | 0.0 | | | |
| 5 | | | | | | | , | , | , | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 8 | | | | 100% | SW | | | 8-9' Sand with gravel, | , Brown | | 0.0 | | |
| 9 | B14-C | 9-9. | 5' | | SM | | | 9-10' Sand with silt, | Brown | | | | |
| 10 | B14 C | , , , | ., | | SM | | | 10-12' Sand and Silt, | mottled | ! | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | End of Explorati | ion | | | | |
| 12 | - | _ | | | | | | | | | - | | |
| 13 | | | | | 1 | | | | | | | | |
| 14 | | | | | | | | | | • | | | |
| 15 | | | | | | _ | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | uck-mounted Geor | robe Rig | | | SURFACE ELEVAT | TION: | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | | 10/11/2007 | ļ | | |
| RISER FRO | M: | NA | то: | NA SCREET | N FROM: | NA | TO: NA | END DATE: | | 10/11/2007 | | | |
| NOTES: | | | | | | | , | | ĺ | | | | |
| Depths r | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | |] | BOI | RING I | LOG | | | | | | | BORING | G NUMB | ER: P14-B15 | |
|-------------------------------|----------------|-----------|------|--------------------------|---------------|---------|----------|------------|---------|--------------|-------------|----------------|----------|------------|-------------|----------------|-----------|
| | | | | IENTAL | & | PROJEC | T: | US Army I | BRAC 2 | 005 Site In | vest | igation | | JOB NUMI | | 124976 | |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Charles Wo | oods At | ea, FTMM, | NJ | | | CLIENT: | USACE | | |
| | | | | | | 1 | | | | | | | | DRILLER: | Frank Ac | corsi | ┪ |
| | | | | | | CONTR | АСТО | R: TVS | | | | | | FIELD RE | P: K. Gerde | s | |
| | | | | SAMPLER | | ASING | С | ORE BARRI | EL | | | | тно | F GROUND | WATER | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | ├ | | | | | DATE 10 | <u>)/11</u> | /07' | \neg | | | - | 긤 |
| HAMMI | | | | NA | | | | | | Groundwat | er L | Depth (feet): | | | 6.5' | | \exists |
| HAMN | MER FA | | IPLE | NA | Ц. | | -1 | | | | | - | | | | | \dashv |
| DEPTH (feet) | No. | DEP | | REC | \Box | USC Sym | bol | | | DESCRIP | TIC | ON OF MAT | ERIA | ALS | | PID ppm | |
| 0 | D16.4 | 0.0 | ci | 100% | | SP | | | | 0-2' Sand, I | 3rov | wn Red, little | e clay, | gravel | | | \exists |
| 1 | B15-A | 0-0. | J | | \perp | | | | | | | | | | | 0.0 | 士 |
| 2 | B15-B | 1.5-2 | 2.0' | | \dashv | SW/GV | v | | | 2-4' S | and | and Gravel, | Brow | מי | | 0.0 | \dashv |
| 3 | | | | | | | | | | | | | | | | | \dashv |
| | | | | | | | | | | | | | | | | | \exists |
| 4 | | | | 100% | _ } | sw | | | | 4-5' San | i, B | rown, little c | lay, g | ravel | | 0.0 | \exists |
| 5 | | | | | | ML | | | | 5-6' S | and | ly Silt, Light | Brow | m | | | \exists |
| 6 | | | | • | + | SP | = | | | 6-8' | San | d, mottled, li | ttle sil | lt | | | \dashv |
| 7 | B15-C | 6-6 | .5' | | 4 | | | | | | | | | | | | \exists |
| | | | | | _ | | | | | | - 1 | ere i .: | | | | | 二 |
| 8 | | | | | \Rightarrow | | | | | | :na | of Explorati | on | | | | ᆸ |
| 9 | | | | | \dashv | | | | | | | | | | | | \dashv |
| 10 | | - | | | \dashv | | | | | | | | | | | | _ |
| 11 | | | | | _ | | _ | | | | | | | | | | \exists |
| | | | | | _ | - | | | | | | | | | | | |
| 12 | | | | 1 | \dashv | | | | | | | | | | | | \dashv |
| 13 | | | | | \exists | - | \dashv | | | | | | | | | | \exists |
| | | | | | 4 | | | | | | | | | | | | コ |
| 14 | | | | | \exists | | | | | | | | | | | | |
| 15 | | <u> </u> | | | _ | | | | | | | | | | | | \dashv |
| 16 | | | | | | | | | | | | | | | | | \dashv |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Ge | prob | e Rig | | | | SUR | FA | CE ELEVAT | TION: | | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | | STA | RT | DATE: | | 10/11/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREI | EN FR | ROM: | NA | TO: | NA | END | D/ | ATE: | | 10/11/2007 | | <u> </u> | |
| NOTES: | | | | | | | | | | | | | | | | | \neg |
| PID mea Depths r NA=not | neasured | l from gr | | n 6" intervals urface | | | | | | | | | | | | | |

| | | | | В | ORING I | LOC | - | | | | BO | RING | NUMB. | ER: P14-B16 |
|-----------------|------------------------------------|----------|-------|--------------------------|----------|------|---------------|----------|----------|------------------|-------------|--------|--------------|----------------|
| | | | | IENTAL & | PROJEC | | US Army BRAC | | | gation | - [| NUMB | ER: USACE | 124976 |
| | | | | | | | | | | | DRI | LLER: | Frank Ac | rorei |
| | | | | | CONTR | ACTO | OR: TVS | | | | 1 | | : K. Gerde | |
| | | | : | SAMPLER | CASING | (| ORE BARREL | | | DEPTE | OF GR | OUNDV | VATER | |
| | TYPĒ ZE (ID) | | Geop | robe MacroCore | | | | DATE | 10/11/ | 07' | | | | |
| HAMM | ER WEI | | | NA | | | | Groundy | vater D | epth (feet): | | - 1 | 6.5' | |
| HAM | MER FAI | _ | IPLE | NA | | | _ | | | | 1 | | | 1 |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | bol | | | | N OF MATE | | | | PID ppm |
| 0 | BI6-A | 0-0. | .5' | 100% | SP | | | 0-1 | ' Sand v | with gravel, B | rown | | | 0.0 |
| 1 | | | | | SP | | | | 1-2' | Sand, Brown | | | | |
| 2 | B16-B | 1.5-2 | 2.0' | | SP | | | 2-3' San | d with g | gravel, Brown, | little clay | у | | 0.0 |
| 3 | | | | | SM | | | 3-4' \$ | Sand wi | ith clay, Dark | Brown | | | |
| 4 | | | | 1000/ | 914 | | | 4 51 4 | N | idl D. d. | D | | | |
| 4 | | | | 100% | SM | | | | | ith clay, Dark | | | | 0.0 |
| 5 | | | | | SM | | | 5 | -8' Sand | d with silt, Bro | wn | | | |
| 6 | B16-C | 6-6 | 51 | | | | | | | | | | | |
| 7 | Б10-С | | | | | | | | | | | | | |
| 8 | | . | | | <u> </u> | _ | | | End o | of Exploration | | | | |
| 8 | - | | | | | | | | | | | | | |
| 9 | | | | | ļ . | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | | |
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| 12 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| . 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | St | JRFAC | E ELEVATIO | N: | | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | ST | TART I | DATE: | 10/1 | 1/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | E | ND DA | TE: | 10/1 | 1/2007 | | |
| NOTES: | | | | - | | | | <u> </u> | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | _ | | В | ORING | LOC | Y T | | | | BORIN | G NUMBE | R: P14-B17 |
|----------------------|------------------------------------|---------|------------|--------------------------|---------------|----------|---------------|-------|-----------------|-------------------|-------------|--------------|---------------|
| SHAW | ENV | VIRO | ONM | IENTAL & | PROJE | CT: | US Army BRAG | 200 | 5 Site Invest | igation | JOB NUM | | 124976 |
| | | | | TURE | LOCA | TION: | Charles Woods | Area, | FTMM, NJ | | CLIENT: | USACE | |
| | | , | | | CONT | RACTO | OR: TVS | | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | | ORE BARREL | | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | 1 | | D/ | ATE 10/11 | /07' | Ì | | |
| HAMM | ER WEI | | | NA | | | | Gr | oundwater D | Depth (feet): | | 7.5' | |
| HAM | MER FA | | IPLE | NA | | <u> </u> | | | | | | | • |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DI | ESCRIPTIO | ON OF MATER | IIALS | | PID ppm |
| 0 | B17-A | 0-0 | 51 | 100% | SP | | | | 0-1 | Sand, Brown | | | 0.0 |
| 1 | B17-A | | | <u>.</u> | SP | | | 1- | 2' Sand with | gravel, Brown, | little silt | | 0.0 |
| 2 | B17-B | 1.5-2 | 2.0' | | ML | | | | 2-3' Silt, D | ark Brown, little | e clay | | 0.0 |
| 3 | | | | | CL | | | | 3-4' Silty | Clay, Dark Bro | awa | | |
| 4 | | | | 1000/ | - | | | | 4.510 | '1. | | | |
| 4 | | | | 100% | CL | | | | | ilty Clay, Brow | | | 0.0 |
| 5 ' | <u> </u> | | | | SW | | | | 5-6' Sand wi | ith gravel, Dark | Brown | | |
| 6 | | | | | SP | | | | 6-8' San | d, Brown, little | silt | | |
| 7 | B17-C | 7.7 | <i>E</i> 1 | | | | | | | | | | |
| 8 | B17-C | 7-7 | .5 | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
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| 14 | | - | | | | | : | | | | | | |
| 15 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 16 | DIC TV | DE | | | 1 5' | | | | | | ., | | 1 |
| DRILLING | | | | ick-mounted Geor | | | | | | CE ELEVATIO | | | |
| TEMPORA RISER FRO | | L INST | TO: | D: NA SCREEI | No V FROM: | NA | TO: N | 4 | START END DA | | 10/11/2007 | | |
| NOTES: | - | | | | | - 14 | | | | - | T | | |
| PID mea | asuremen measured t applicab | from gr | | 1 6" intervals urface | | | | | | | | | |

| | | | _ | В | ORING | LOG | | | | | | BORING | NUM | BER: P14-B18 |
|-----------------|------------------------|--------|--------|---------------------------|-----------|----------|-----------------|---------|--------------|------------|--------------|-------------|----------|-----------------|
| | | | | IENTAL & | PROJEC | CT: | US Army BRAC | 2005 | Site Invest | tigation | | JOB NUME | | 124976 |
| Ir | NFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | Area, F | TMM, NJ | | | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER: | | |
| | | | | | | | | | _ | | | FIELD REI | . K. Ger | des |
| | ТҮРЕ | | | SAMPLER robe MacroCore | CASING | c | ORE BARREL | DAT | ΓE 10/11 | | EPTH O | F GROUND | WATER | |
| SI | ZE (ID) | | Coop | 2" | | | *** | | | | | | | |
| | ER WEIG MER FAI | | | NA NA | | _ | | Gro | undwater I | Depth (fee | t): | | 6.0' | - |
| | VILICITIES | | IPLE | | | | | | | ' | | . ' | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | nbol | | DES | SCRIPTIC | ON OF M. | ATERIA | LS | | PID ppm |
| 0 | 710.4 | | | 100% | SP | | | (|)-4' Sand, 1 | Light Brov | vn, little | silt | | 0.0 |
| 1 | B18-A | 0-0 | .5' | - | | | | | | | | | | 0.0 |
| 2 | B18-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | <u> </u> | | | | - | | | | | |
| 4 | | | | 100% | SM | | | | 4-5' S | and, Med. | Brown | | | 0.0 |
| 5 | | | | | CL | | | | 5-7' Sil | ty Clay, D | ark Grey | | | |
| 6 | B18-C | 5.5- | 5.0' | | SP | | | | 7-8' San | d, mottled | , little sil | t | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | End | of Explor | ation | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | - |
| 11 | | | | | | | | | | | | | | * |
| 12 | <u> </u> | | | | | | | | | | | | | |
| 12 | - | | | | | \dashv | | | | | | | | - |
| 13 | | | | - | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | _ | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | orobe Rig | | | Ī | SURFA | CE ELEV | ATION: | · · | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | START | DATE: | | 10/11/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | | END D | ATE: | | 10/11/2007 | | |
| NOTES: | | | | | - | | | | | | | | | |
| | | | | 6" intervals | | | | | | | | | | |
| | measured t applicab | | ound s | urface | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | |] | BOR | ING I | OG | | | | - | BORING | 3 NUMBE | R: P14-B19 |
|-----------------|----------------------------------|----------|------|--------------------------|----------|---------|----------|-----------------|------------|---------------|-------------------|----------------|--------------|-------------------|
| SHAW | EN | VTRC |)NN | ENTAL (| e | PŘOJEC | T: | US Army BRAC | 2005 | Site Investi | gation | JOB NUM | | 124976 |
| | | | | TURE | | | | | | | | CLIENT: | USACE | |
| | , | | | | | LOCAT | ON: | Charles Woods A | rea, l | FTMM, NJ | | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER: | Frank Acce | orsi |
| | | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CA | SING | C | ORE BARREL | | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA | TE 10/11/ | 07' | | | + |
| HAMM | ER WEI | | | NA | | | | | Gro | oundwater D | epth (feet): | | 4.5' | |
| HAM | MER FA | | IPLE | NA | | | | | <u>.L.</u> | | | | | + |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DE | SCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | B19-A | 0-0 | 51 | 100% | | SP | | | | 0-1' Sand | , Brown, little s | ilt | | 00 |
| 1 | D19-A | 0-0 | | | | SM/GF | | 1-2' \$ | Sand v | with silt and | gravel, Brown, | asphalt, cemen | t | 0.0 |
| 2 | B19-B | 1,5-2 | 2.0' | | \perp | SM | | | 2- | 4' Sand and | Clay, Dark Gre | //Green | | 0.0 |
| 3 | | | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 | | | | 100% | + | SM | \dashv | | | 4-6' Sand a | nd Clay, Dark | Этеу | | 0.0 |
| | B19-C | 4-4 | ,5' | | | | | | | | •• | • | | |
| 5 | | | _ | | \dashv | | | | | | | | | |
| 6 | | | | | | SM | | | | 6-8' Silty sa | nd with clay, B | rown | | |
| 7 | | | | | | | | | | | | | | : |
| | | | | | | | | | | | | | | |
| 8 | <u> </u> | | | | | | - | | | End | of Exploration | | | |
| 9 | | | | | | | | | | | | | | |
| 9 | <u> </u> | | | | _ | | | | | | | | | \ |
| 10 | | | | | | | _ | | | | | | | |
| 11 | | | | | 士 | | | | | | | | | |
| 12 | | | | | \perp | | | | | | | | | |
| 12 | | | - | | \perp | | | | | | | | · · · | |
| 13 | ļ <u>.</u> | | | | _ | | | | | | | | | |
| | | | | - | | | | | | | | | | |
| 14 | | <u> </u> | | | + | | | | | | | | | <u> </u> |
| 15 | | | | | | | | | | | | | | |
| 16 | - | | | | + | | - | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe I | Rig | | | ı | SURFAC | E ELEVATIO | ٠ | | - 1, - |
| TEMPORA | RY WEI | L INST | | | No | | | | | START I | | 10/11/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | OM: | NA | TO: NA | | END DA | | 10/11/2007 | | |
| NOTES: | | | | | | | | | | | | 1 | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | - | | ORING | LOG | | | | BORING | NUMBI | ER: |
|-----------------|------------------------------------|---------|------------|--------------------------|--------------|-------|--------------|----------|--------------------------------|------------------|---------------|-------------|
| | | | | | | | | | | | | P14-B20 |
| | | | | IENTAL & TURE | PROJE | | US Army BRAG | | 5 Site Investigation FTMM, NJ | JOB NUME | SER: USACE | 124976 |
| | | | | | | | | | | DRILLER: | Frank Acc | corsi |
| | | | | | CONTI | RACTO | R: TVS | | | FIELD REI | : K. Gerdes | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DA | ATE 10/11/07' | | - | |
| HAMM | ER WEIC | | | NA | | | | Gro | oundwater Depth (feet): | | 4.0' | |
| HAM | MER FAI | | L | NA | | Ι., | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sy | mbol | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | D00 A | | <u></u> | 100% | SP | | | 0-3 | 3.5' Sand, Light Brown, little | silt, clay | | 0.0 |
| 1 | B20-A | 0-0 | ر. | | | | | | | | | 0.0 |
| 2 | B20-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | Dac 2 | 2.5 | 4.01 | | on to | | | _ | 3.5-4' Sand with silty gravel, | Decours | | |
| 4 | B20-C | 3.5-4 | 7.0 | | SP/G | M | | 3 | End of Exploration | Brown | | |
| 4 | | | | | - | | | | | | | <u> </u> |
| 5 | | | | | | | | | | | | |
| 6 | 1 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 7 | 1 | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
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| 9 | \vdash | | | | - | | | | | | | - |
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| 12 | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 DDU L DIG | DIC 777 | DE. | | 10 | ha P!: | | | | CIDEACE ELEVATION | NI. | | |
| DRILLING | | | | uck-mounted Geo | | | | | SURFACE ELEVATION START DATE: | N: 10/11/2007 | | |
| TEMPORA | | | | | No NEDOM: | 27.4 | TO. N | | END DATE: | | | |
| RISER FRO | JM: | NA — | TO: | NA SCREE | N FROM: | NA | TO: N | <u>~</u> | END DATE: | 10/11/2007 | | |
| Depths | asuremen measured t applicab | from g | | n 6" intervals urface | | | | | | | | |

| | | | |) | BO] | RING I | LOG | } | | | | BORIN | G NUMBE | R: P14-B21 |
|-------------------------------|-----------------|---------|------------|--------------------------|---------------|---------|------|-----------------|------|-----------------|-------------------|------------|---------------|---------------|
| SHAW | EN | VIRC |)NN | IENTAL : | & | PROJEC | CT: | US Amy BRAC | 200 | 5 Site Investig | gation | JOB NUM | | 124976 |
| | | | | TURE | | | | | | Fm () () () | | CLIENT: | USACE | |
| | | | | | | LOCAT | ion: | Charles Woods A | rea, | FIMM, NJ | | | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | | orsi |
| | | | | | | | | | | | | FIELD RE | EP: K. Gerdes | |
| | | | | SAMPLER | С | ASING | | ORE BARREL | L | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | ├ | | | | D. | ATE 10/11/0 | 07' | | - | - |
| HAMM | ER WEI | | | NA | | | | | Gr | oundwater De | epth (feet): | | 6.0' | |
| HAM | MER FA | | | NA | <u>L</u> | | | | 1_ | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | Т | USC Sym | bol | | DI | ESCRIPTION | N OF MATER | IALS . | | PID ppm |
| 0 | | | | 80% | Ť | CL/SP | | | | 0-2' Clayey S | Silt with sand, E | rown | | |
| 1 | B21-A | 0-0 | .5' | | | | _ | | | | | | | 0.0 |
| 2 | B21-B | 1.5-2 | 2.0' | | 1 | SW | | | 2 | 2-4' Sand, Lig | ht Brown, little | gravel | | 0.0 |
| 3 | | | | | \dashv | | _ | | | | | | | —— |
| 4 | | | | | _ | | | | | | | | | |
| 4 | | | | 75% | \Rightarrow | SP | | • | | 4-5' | Sand, Brown | | | 0.0 |
| 5 | | | | | | SM | | | | 5-6' Sand | with clay, Bro | vn | | |
| 6 | B21-C | 5.5-0 | 5.0' | | \pm | SM | | | 6 | i-8' Sand with | silt, Brown, lit | tle clay | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | - | | | | | | | | | ļ |
| 8 | | | | | | SW | | | | 8-9' Sand v | with gravel, Bro | wn | | |
| 9 | | | | | | SM | | | | 9-10' Sand | d with silt, Bro | vn | | |
| 10 | | | | | | SM | | | | 10-12' San | d and Silt, mot | led | | |
| 11 | | | | | | | | | | | | | | |
| 12 | ļ | | | | + | | | | | End o | of Exploration | | | |
| 12 | | | | | | | | | | 2.14 | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | | | | uck-mounted Geo | - | e Rig | | | | | E ELEVATIO | | | |
| TEMPORA | | | | | No | | | | | START D | | 10/11/2001 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N F | ROM: | NA | TO: NA | | END DA | ГЕ: | 10/11/200 | 7 | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths 1 NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | _ | BC | RING I | JOG | _ | | | BORING NUMB | BER: P14-B22 |
|-----------------|--------------------------------------|--------|------------|------------------------|--|---------------|----------|------------|----------|-------------------------------|------------------------------|-----------------|
| SHAW | | | | | | PROJEC | T: | US Army B | RAC 20 | 05 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| 11.1 | NEKA | '21W | UC | TURE | | LOCAT | ON: | Charles Wo | ods Area | a, FTMM, NJ | DRILLER: Frank A | |
| | | | | | | CONTR | ACTOR | t: TVS | | | FIELD REP: K. Gerd | |
| | _ | | , | SAMPLEI | <u>, </u> | CASING | | RE BARRE | ı. I | DEPTH | OF GROUNDWATER | |
| | TYPE | | | robe Macr | | CHERT | | | | ATE 10/12/07' | | |
| | ZE (ID) ER WEIC | HT | | 2" NA | | | | | | iroundwater Depth (feet): | 7.5' | |
| | MER FAI | LL | | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | RE | EC | USC Sym | bol | | E | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | | 100 |)% | sw | | | | 0-1' Sand with gravel, Bro | wn | |
| 1 | B22-A | 0-0 | .5' | | | ML | _ | | | 1-2' Silt, Dark Brown | | 0.0 |
| 2 | B22-B | 1.5-2 | 2.0' | | | SM | = | | | 2-4' Sand with silt, Brow | m. | 0.0 |
| 3 | | | | | | | \equiv | | | | | |
| 4 | | | | 100 | 1% | SM | \dashv | | | 4-5' Silt and Sand, Dark B | rown | 0.0 |
| 5 | | | | | , , , , , , , , , , , , , , , , , , , | ML | | | | 5-6' Sandy Silt, Tan | | |
| 6 | | | | | | GP | | | | 6-7' Silt with gravel, Dark E | rown | |
| 7 | B22-C | 7-7 | 51 | | | ML | | | | 7-8' Silt, Brown, little sa | nd | |
| 8 | BZZ-C | ,-, | ., | | | | _ | | | End of Exploration | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | + | | | | | | | | | | | |
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| 15 | | | | | | ļ | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | | | | uck-mount | - | _ | | | | SURFACE ELEVATION | | |
| TEMPORA | | | | | | es En on 4 | | TO | 101 | START DATE: | 10/12/2007 | |
| RISER FR | OM: | NA | TO: | NA S | SCREEN | FKOM: | 7' | TO: | 12' | END DATE: | 10/12/2007 | |
| Depths | easuremen measured et applicab | from g | | n 6" interva urface | als | | | | | | | |

| | | | | E | ORING | LOG | } | | | BORING NUMBE | R: P14-C9 |
|-----------------|----------------------------------|---------|-------|---------------------------|----------|-------|-----------------|-------------------|--|----------------------|--|
| | | | | IENTAL & | & PROJE | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMBER: | 124976 |
| ľ | NFRA | STR | RUC | TURE | LOCA | TION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: USACE | |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: Frank Acc | orsi |
| | | | | | ` | | | | | FIELD REP: R. McCorr | nick |
| | mme | | | SAMPLER robe MacroCore | CASING | (| ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | 2" | _ | | | DATE 10/2/ | 07 ⁻ | | |
| | ER WEIG | | | NA NA | | - | | Groundwater I | Depth (feet): | 5,5' | - |
| | | | 1PLE | - 141 | | | | <u> </u> | <u> </u> | | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Sy | | | | ON OF MATERI | | PID ppm |
| 0 | C9-A | 0-0 | .5' | 100% | SM/C | iW | 0- | 2.5' Silt and Sa | nd with gravel, L | ight Brown | 0.0 |
| 1 | | | | | | | | | | | |
| 2 | C9-B | 1.5-2 | 2.0' | | SM/C | | | 2.5.21.875 | 1 | n. | 0.0 |
| 3 | | | | | SP | | 3-4' \$ | | d with clay, Olive en, little silt, trace | | |
| 4 | | | | | | | | | | | |
| 4 | ļ | | | 100% | SM | | 4-8' San | d with silt, Oliv | e Green/Dark Gre | ey, little clay, wet | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | C9-C | 5.5- | 6.0' | | | | | | | | |
| 7 | | | | | | | | | | 1, | |
| 8 | | | | | | | | End | of Exploration | | |
| 8 | | | | <u>-</u> | | | | | | | |
| 9 | | | | | - | | | | | | - |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
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| 14 | | | | | | | | | | • | |
| 15 | ļ | | | | | | | | | • | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tπ | ick-mounted Geor | robe Rig | | | SURFA | CE ELEVATION | ī: | 1 |
| TEMPORA | RY WEL | L INST | ALLEI |) : | No | | | START | DATE: | 10/2/2007 | |
| RISER FRO | DM: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | END DA | ATE: | 10/2/2007 | <u>.</u> |
| NOTES: | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | ı 6" intervals urface | | | | | | | |

| | | | | В | ORING I | LOG | | | | BORING NUMBE | R: P14-C10 |
|----------------------|---------------------------------------|---------------|--------------|--------------------------|-----------------|------|------------------------------|-----------|----------------------------|------------------------------|---------------|
| | | | | ENTAL & | PROJEC LOCAT | | US Army BRAC Charles Woods A | | - | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTR | ACTO | R: TVS | | | DRILLER: Frank Acco | orsi |
| | | | | | CONTR | ACIO | K: 175 | | | FIELD REP: R. McCorr | nick |
| | | | | SAMPLER | CASING | CC | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE | E 10/2/07' | | |
| HAMMI | ER WÉIC | | | NA | | | | Groun | ndwater Depth (feet): | 6.0' | |
| HAMN | MER FAI | | IPLE | NA | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | | CRIPTION OF MATER | | PID ppm |
| 0 | C10-A | 0-0. | 51 | 100% | SM/G\ | N . | | 0-3' Silt | and Sand with gravel, L | ight Brown | 0.0 |
| I | C10-A | 0-0 | ., | | | | | | | | -0.0 |
| 2 | C10-B | 1.5-2 | 2.0' | · · · · · - | | | | | | | 0.0 |
| 3 | | | | | SM | | | 3-4' \$ | Sand with silt, Olive Gree | en, moist | |
| 4 | | | | | _ | | | | | | |
| <u>'4</u> | | | | . 100% | SM | | | 4-6' | Sand with silt, Olive Gree | en, moist | 0.0 |
| . 5 | | | | <u> </u> | SM/G | P | 6-8' Sand wit | h silt, E | Dark Grey/Olive/Yellow I | Brown, some gravel, wet | |
| 6 | C10-C | 5.5-6 | 5.0' | | | | | | | | |
| | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | End of Exploration | | 1 |
| | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | - | | | | | | | | |
| 12 | - | | | | | | | | | | |
| ° 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | - | | | | _ | | | | | | |
| | ļ | | | | | | | | | | |
| 16 | L | L | | <u> </u> | | | | | | | |
| DRILLING | | | | ick-mounted Geor | | | | | SURFACE ELEVATIO | | |
| TEMPORA RISER FRO | | .L INST NA | ALLEI TO: | D: NA SCREEI | No J FROM: | NΑ | TO: NA | | START DATE: END DATE: | 10/2/2007 10/2/2007 | 1 |
| NOTES: | · · · · · · · · · · · · · · · · · · · | 11/1 | 10. | IIA SCREEN | TI NOWI. | MA | 10. NA | | | | |
| PID mea | asuremen measured applicab | from gr | | 1 6" intervals urface | | | | | | | |

| | | | | _ | ВО | RING I | COG | } | | | BORING | | R: P14-C11 |
|-------------------------------|----------------|---------|-------|--------------------------|----------|---------|--------|-------------|---------|-------------------------------|------------|------------|--|
| SHAW | ENT | ЛRC | INIV | IENTAL | <u>R</u> | PROJEC | CT: | US Army BR | AC 20 | 05 Site Investigation | JOB NUMBI | | 124976 |
| | | | | TURE | Œ | 1 | | | | | CLIENT: | USACE | |
| _ | | | | | | LOCAT | ION: | Charles Woo | ds Area | a, FTMM, NJ | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | | FIELD REP | K.Gerdes | |
| | | | | SAMPLER | | CASING | С | ORE BARREL | | | F GROUNDY | ATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | - | | | | | DATE 10/10/07' | | | - |
| HAMMI | ER WEIG | | | NA NA | | | | | G | Froundwater Depth (feet): | | 7.5' | |
| TI ALVIN | MEK I A | | IPLE | INA | | | \neg | | | <u> </u> | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | bol | | D | DESCRIPTION OF MATERIA | ALS | | PID ppm |
| 0 | C11-A | 0-0 | 5' | 100% | - | sw | | | | 0-3' Sand, Light Brown | | | 0.0 |
| 1 | | | | | | | | | | | | | |
| 2 | C11-B | 1.5-2 | 2.0' | | | | _ | | | | | | 0.0 |
| 3 | | | | | | SM | | | | 3-4' Sand with silt, Dark Bro | wn | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | | SP | | | | 4-5' Sand with silt, Dark Bro | wn | | 0.0 |
| 5 | | | | | | ML | | | | 5-7' Silt, Dark Brown, little | and | | |
| 6 | | | | | | | | | | • | | | |
| 7 | | | | | | SM | | | | 7-8 Silty Sand, Brown, mot | lad | | |
| | C10-C | 7-7 | .5' | | | SIVI | | | | | ieu | | |
| 8 | | | | | \dashv | | | | | End of Exploration | | | |
| 9 | | | | | \dashv | | | | | | | | |
| | | | _ | | | | | | | | | | |
| 10 | | | | | 寸 | | | | | | | | |
| 11 | | | | | | | - | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | - | | | | | | | | |
| 14 | | | | | _ | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Ge | oprob | e Rig | | | | SURFACE ELEVATION | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | | START DATE: | 10/10/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCRE | EN F | ROM: | NA | TO: | NA | END DATE: | 10/10/2007 | | |
| NOTES: | | | | | | | | | | 1 | 1 | - | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | E | ORING | LOC | - | | | | В | ORING | NUMB | ER: P14-C12 |
|-----------------|----------------------------------|---------|------|--------------------------|-----------|-------|-----------------|--|---------------|-----------------|------------|-----------|-------------|----------------|
| CHAW | FNI | лрс | NIN | IENTAL & | PROJI | CT: | US Army BRAC | 2005 | Site Invest | igation | 10 | B NUMB | ER: | 124976 |
| | | | | TURE | ŀ | | | | | | CI | LIENT: | USACE | |
| | ,, | | | | LOCA | rion: | Charles Woods A | rea, F | TMM, NJ | | L | | | |
| | | | | | CONT | RACTO | OR: TVS | | | | DF | RILLER: | Frank Ac | corsi |
| | | | | | | | | | | | FII | ELD REF | . K. Gerdes | s |
| | | | | SAMPLER | CASING | | ORE BARREL | | | | H OF G | ROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DAT | ΓE 10/10 | /07' | | | | |
| HAMM | ER WEIC MER FAI | | _ | NA NA | | - | | Grou | undwater D | epth (feet): | | | 8.5' | |
| | | SAM | IPLE | | | | | <u>. </u> | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC Sy | | | | | ON OF MATE | | | | PID ppm |
| 0 | C12-A | 0-0. | .5' | 100% | SW | | | 0- | I' Sand wi | th gravel, Ligh | it Brown | n | | 0.0 |
| 1 | | | | | SP | | | 1- | -2' Sand wi | th gravel, Med | i. Brown | 1 | | |
| 2 | C12-B | 1.5-2 | 2.0' | | SP/C | P | 2 | -3' Sa | and and Gr | avel, Med. Bro | own, littl | le silt | | 0.0 |
| 3 | | | | | MI | , | | | 3-4' S | ilt, Dark Brow | ٧n | | | |
| 4 | | | | 100% | MI | | 4.5 | ' Silt | Dark Brox | vn/Band of Or | ange litt | tle sand | | 0.0 |
| | | | | 10078 | | | ,,, | o, | | | | and banks | | |
| 5 | | | | | MI | | | | 2-6. 2 | ilt, Med. Brov | vn | | | |
| 6 | | | | | SM | | | 6-8 | S' Silt and S | Sand, Light-Da | ark Brow | vn | | - |
| 7 | | | | | - | | | | | | | | | |
| 8 | | - | | | - | | 0.121.0 | ::1 C | land Dark | D | מ ג-וג | /0 | | |
| 8 | C12-C | 8-8 | .5' | | SN | | 8-12 3 | onty S | sand, Dark | Brown to mot | tied Bro | wii/Orang | e | 0.0 |
| 9 | | | | | - | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | End | of Exploration | n | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | - | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | SURFA | CE ELEVATI | ON: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START | DATE: | 10 |)/10/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N/ | TO: NA | | END DA | ATE: | 10 |)/10/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths 1 | asuremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | I | ORING | LOC | 3 | | | BORING NUMB | ER: P14-C13 |
|-------------------------------|-----------------|---------|------------|--------------------------|-----------|-------|-----------------|-------------------|-------------------|----------------------|----------------|
| STIAW | FNY | ZTD (| INI | ŒNTAL . | PROJ | ECT: | US Army BRAC 2 | 2005 Site Investi | igation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | CLIENT: USACE | |
| | , | | | | LOCA | TION: | Charles Woods A | ea, FTMM, NJ | | | |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: Frank Ac | corsi |
| • | | | | | | | 1,0 | | | FIELD REP: K. Gerder | s |
| | | | | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUNDWATER | |
| | TYPE ŽE (ID) | | Geor | robe MacroCore 2" | | - | | DATE 10/10 | /07' | | |
| HAMM | | GHT | | NA NA | | | | Groundwater D | epth (feet): | 8.0' | |
| HAM | MER FA | | | NA | _ | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTIO | N OF MATER | IALS | PID |
| 0 | | | | 100% | SM/ | GP | 0-1' Si | It and Sand with | gravel, Brown | Red, styrofoam | ppm |
| 1 | C13-A | 0-0. | .5' | | SP/ | GP | | 1-3' Sand and | d Gravel, Dark I | 3rown | 0.0 |
| 2 | C13-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | <u> </u> | | | | SI | 1 | 3 | 3-4' Sand with si | lt, Orange Brow | n, asphalt | |
| 4 | | | | - | | | | | ., | , | |
| 4 | | | | 100% | Si | 1 | | 4-5' Sand a | nd Silt, Light B | rown | 0.0 |
| 5 | | | | | М | Ĺ., | | 5-6' S | ilt, Med. Brown | | |
| 6 | | | | | SM/ | GP | 6 | -7' Sand and Sil | t with gravel, Li | ght Brown | |
| 7 | | | | | SI | 1 | | 7-8' Sil | ty Sand, mottled | 1 | |
| 8 | C13-C | 7.5-8 | 3.0' | | | | | End | of Exploration | | |
| - 8 | | | | | | | | | | | - |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | - | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | orobe Rig | | | SURFAC | E ELEVATION | 1 : | ' |
| TEMPORA | | | | | No | | | START | | 10/10/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | N.A | TO: NA | END DA | | 10/10/2007 | |
| NOTES: | | | _ | | | | | | | <u> </u> | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | |

| | | | , |] | BOR | UNG I | LOG | | | | BORIN | G NUMBE | R: P14-C14 |
|-----------|---------------------------------|--------|-------|--------------------------|---------------|-----------------|------|--------------|----------------|--------------------------|---------------------|-----------|---------------|
| | | | | IENTAL (| & | PROJEC LOCAT | | US Army BRAC | | | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | | CONTR | ACTO | PR: TVS | | | DRILLER FIELD RE | Frank Acc | orsi |
| | | | | SAMPLER | C/ | ASING | C | ORE BARREL | | DEPTH (| OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | | DATE 10/10 | | | | |
| | ZE (ID) ER WEIC | HT | | 2" NA | | | | | Groundwater 1 | Depth (feet): | | 6.0' | |
| | MER FAI | | | NA | | | | | Oround water 1 | | | | |
| DEPTH | No. | SAN | TH TH | REC | $\overline{}$ | USC Sym | bol | | DESCRIPTION | ON OF MATERI | IALS | | PID |
| (feet) | | | | 100% | | SP | | 0.2' \$2 | nd Dark Brown | n, little silt, little o | lav little grav | at . | ppm |
| | C14-A | 0-0 | .5' | 10076 | | - SI | | 0-2 3a | id, Daik Diow | n, mue sire, mue e | nay, mue grav | 6. | 0.0 |
| 1 | | | | | - | SP | | 2-4' | Sand, Brown, 1 | ittle silt, little clay | , little gravel | | ļ |
| 2 | C14-B | 1.5- | 2.0' | | | - | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | - - | | _ | | | | | | |
| 4 | | | | 100% | 4 | SP | | 4-5' | Sand, Brown, | little silt, little cla | y, little gravel | | 0.0 |
| 5 | | | | | | ML | | | 5-6' Silt, Bro | wn, little sand, lit | tle clay | | |
| 6 | C14-C | 5.5- | 6.0' | | | SM | | | 6-8' S | ilty sand, mottled | | | |
| 7 | | | | | _ | | | | | | | | |
| 8 | | | | | + | | | | End | of Exploration | | | |
| 8 | | | | | _ | | | | 2 | or zapioranon | | | |
| 9 | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | - | | | | - - | | | | | | | | |
| 12 | | | | | 1 | | | | | - | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | \pm | | | | | | | | |
| 16 | | | | | \pm | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe | Rig | | | SURFA | CE ELEVATION | l: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | START | DATE: | 10/10/2007 | | } |
| RISER FRO | M: | NA | TO: | NA SCREE | N FRO | OM: | NA | TO: NA | END D | ATE: | 10/10/2007 | | ļ |
| NOTES: | | | | | | | | | ! | | T | | |
| Depths 1 | suremen neasured applicab | from g | | n 6" intervals urface | | | | | | | | | |

| | _ | | | F | OR | ING I | OG | 3 | | | |] | BORING | NUMBE | R: P14-C15 |
|-------------------------------|--------------------|---------|------|--------------------------|---------|---------|------|------------------|--------------|--------|-------------------|--------|------------|-------------|---------------|
| | | | | TIDE | & | PROJEC | CT: | US Army BRAC | 005 Site In | vest | tigation | ı | JOB NUMB | - | 124976 |
| IIN | IFKA | 72 I K | UC | TURE | | LOCAT | ION: | Charles Woods Ar | ea, FTMM | ŊJ | | ľ | CLIENT. | USACE | |
| | | | | | | | | | | | | þ | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACI | OR: TVS | | | _ | ļ | FIELD REP | : K. Gerdes | |
| ~ | TANK. | | | SAMPLER | CA | SING | (| CORE BARREL | D. 1 | 0.41.0 | | OF | GROUNDY | VATER | |
| SIZ | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 1 | 0/10 |)/07' | | | | |
| HAMMI | ER WEIG MER FAI | | | NA NA | | | | | Groundwa | ter I | Depth (feet): | - | | 6.5' | |
| | - | SAM | | | | • | | | | | | | L. | | |
| DEPTH (feet) | No. | DEP | ГH | REC | ' | USC Sym | bol | | DESCRIP | TIC | ON OF MATEI | RIAL | LS . | | PID ppm |
| 0 | C15-A | 0-0. | 51 | 100% | | SP | | | 0- | l' Sa | and, Light Brow | /n | | | 0.0 |
| 1 | 2.3-11 | 0-0. | | | 丰 | ML/GI | _ | | 1-3' Silt | , Da | ırk Brown, little | grav | rel | | 3.0 |
| 2 | C15-B | 1.5-2 | 2.0' | | | | | | | | | | | | 0.0 |
| 3 | | | | | - - | SM | | | 3-4 | l' Sa | nd and Silt, Gre | ev | | | - |
| 4 | | | | | | | | | | | , | | | | |
| 4 | | | | 100% | \pm | CL | | | 4-6' Silty C | lay, | Grey Brown, tr | race g | gravel | | 0.0 |
| 5 | 5 | | | | | | | | | | | | | | |
| -6 | | | | | | SM | | | Cilty Cand | D | ark Brown, little | a alou | mottlad | | |
| | C15-C | 6.0-6 | 5.5' | | | SIVI | | , | Sifty Sailt | , Da | ark Brown, mile | ciay | , mouted | | |
| 7 | | | | - : | + | | | - | | | | | | | <u> </u> |
| 8 | | | | | 1 | | | | | End | of Exploration | | | | |
| | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | \perp | | | | | | | | | | |
| 11 | | - | | | | | | | | | | | | | |
| 12 | | | | | + | | | | | | | | | | |
| 12 | | | | | \bot | | | | | | | | | | |
| 13 | | | | | \pm | | | | | | | | | | |
| 14 | | | | | - - | | | | | | | | | | |
| 15 | | | | | 丰 | | | | | | | | | | |
| | | - | | | | | | | | | | | | | |
| 16 | L | | | | | | | <u> </u> | T | _ | | | | | 1 |
| DRILLING | | | | uck-mounted Geo | | Rig | | | | | CE ELEVATIO | | | | |
| TEMPORA | | | | | No | | | mo | i | | DATE: | | 10/10/2007 | | |
| RISER FRO | iM: | NA | TO: | NA SCREE | n FRC | JM: | NA | A TO: NA | ENI | ע נ | ATE: | 10 | 0/10/2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | | |

| | | | | | В | ORING | G LO | G | | | - | BORIN | G NUMBI | ER: P14-C16 |
|-----------------|--|---------|------------|---------|-----------|-------------|-----------------|-------------|------|----------------|-------------------|---------------|--------------|----------------|
| SHAW | ENV | | | | | t | JECT: | | | 005 Site Inves | _ | JOB NUM | BER: | 124976 |
| | 17103 | | | | | | TRAC | | | a, FTMM, NJ | | DRILLER | | ŀ |
| | | | | | | | | | | | | FIELD RE | P: K. Gerdes | , |
| | | | | SAMPL | | CASING | ; | CORE BARR | | - 10/14 | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma | croCore | | | | | DATE 10/10 | J/07 ⁻ | T | | + |
| HAMM | ER WEIG | | | NA | | | | | | Groundwater I | Depth (feet): | | 5.0' | |
| HAM | MER FAI | | DI E | NA. | | | | | | | <u></u> | l | | |
| DEPTH (feet) | No. | DEP | IPLE TH | I | REC | USC | Symbol | | 1 | DESCRIPTIO | ON OF MATER | RIALS | | PID ppm |
| 0 | | | | 1 | 00% | | SP | | | 0-1'S | and, Light Brow | n | | |
| 1 | C16-A | 0-0. | .5' | | | MI | J/GP | | | 1-3' Silt, Da | ark Brown, little | gravel | | 0.0 |
| 2 | C16-B | 1.5-2 | 2.0' | | | | | - | | | | | | 0.0 |
| 3 | | | | | | | SM | | | 3-4' S | and and Silt, Gre | y, | | |
| 4 | | | | | 000/ | Ţ | CL | <u> </u> | | & Cile Class | , Grey Brown, tr | noo arayal | | 0.0 |
| 4 | | | | 1 | 00% | | ساد | - | • | r-o Silly Clay | , City Diown, n | acc graves | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | C16-C | 6.0-0 | 6.51 | | | 5 | SM | - | 6-8' | Silty Sand, D | ark Brown, little | clay, mottled | | - |
| 7 | C10-C | | 3.3 | | | | | 1 | | | | | | |
| 8 | | | | | | - | | _ | | Enc | of Exploration | | | |
| 8 | | | | | | | | | | | O Exploration | | | |
| 9 | 1 | | | | | | | - | | | | | | |
| | | | | | | 1 | | | | | | | | |
| 10 | | | | | | - | | -{ | | | | | | <u> </u> |
| 11 | | | | | | | | | | | | | | |
| 12 | ļ | | | _ | | - | | -{ | | | | | | |
| 12 12 | | | | | | 1 | | | | | | | | |
| 13 | | | | | | | | -1 | | | | | | |
| 13 | | | | | | | | _ | | | | | | |
| 14 | | | | | | - | | _ | | | | | | <u> </u> |
| 15 | | | | | | | | 1 | | | | | | |
| 16 | | | | | | | | 1 | | | | | | |
| DRILLING | RIG TY | PE: | Tre | uck-mou | nted Geop | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | 1 | Νo | | | | START | DATE: | 10/10/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | N | IA TO: | NA | END D | ATE: | 10/10/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | | rvals | | | | | | | | | |

| | | | | F | ORING | LOC | | | | BORIN | G NUMBE | R: P14-C17 |
|-------------------------------|--------------|---------|----------|--------------------------|------------|--------|-----------------|----------------|---------------------------------------|-------------|--------------|---------------|
| SHAW | ENV | VIRO |)NN | TENTAL & | PROJ | ECT: | US Army BRAC | 2005 Site Inve | estigation | JÓB NUM | BER: | 124976 |
| IN | IFRA | STR | UC | TURE | LOC | ATION: | Charles Woods A | rea, FTMM, N | IJ | CLIENT: | USACE | |
| | | | | | | | | | | DRILLER | : Frank Acc | orsi |
| | | | | | CON | TRACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| - | | | | SAMPLER | CASING | | ORE BARREL | | DEPTH | OF GROUNI | WATER | |
| | YPE | | Geor | robe MacroCore | | | | DATE 10/ | | | | |
| HAMMI | ZE (ID) | зит | _ | 2" NA | | _ | | Groundwater | Depth (feet): | | 7.0' | |
| | IER FA | | | NA NA | | | | Glomidwatci | Depar (reer). | | 7.0 | + |
| - | | SAN | IPLE | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC S | | | <u>.</u> | ION OF MATER | | | PID ppm |
| 0 | C17-A | 0-0 | 5' | 100% | _ <u>s</u> | Р | | 0-1' Sa | nd, Light Brown/I | led | | 0.0 |
| i | 917.11 | | <u> </u> | | SM | /GP | | 1-2' Sand wi | ith silt, Brown, litt | le gravel | | |
| 2 | C17-B | 1.5-2 | 2.0' | | S | | | 2-3' | Sand, Light Brown | 1 | | 0.0 |
| 3 | | | | | Ċ | L | | 3-4' | Clay, Dark Brown | ı | | |
| 4 | | | | 100% | | , | | | 4-6' Clay, Grey | | | 0.0 |
| _ | _ | | | 10076 | | L | | • | 4-0 Clay, Gley | | | 0.0 |
| 5 | | | | | | | [| | | | | |
| | | | | | | /OD | | 6 Bl Ol | 171. C | | | |
| 6 | | | | | ML | /SP | | 6-8 Clayey S | Silt, Grey Brown, s | ome sand | | - |
| 7 | C17-C | 6.5- | 7.0' | | | | | | | | | |
| 8 | | | | | | | | T | . 4 . 6 P | | | |
| 8 | | | | | _ | | | EI | d of Exploration | | | |
| | | | | | | | ŀ | | | | | |
| 9 | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 16 | L | | | | | | | 1 | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | SURF. | ACE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D; | No | | | STAR | T DATE: | 10/10/2007 | , | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | 1 | DATE: | 10/10/2007 | | |
| NOTES: | - | | | | | | | 1 | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | _ | | - | В | ORING I | JOG | | | | | BORING NUM | BER: P14-C18 |
|------------------|------------------------------------|--------|------|--------------------------|------------------|--------|--------------|--------|--------------------------|-------------|----------------------------|-----------------|
| | | | | IENTAL & | PROJEC LOCATI | | US Army BRAC | | Site Investigation | | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTRA | ACTOR: | TVS | | | | DRILLER: Frank A | • |
| | | | | SAMPLER | CASING | COR | E BARREL | | | рертн с | F GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA' | TE 10/10/07' | | | |
| HAMM | ER WEIC | | | NA | | | | Gro | undwater Depth (fe | et): | 6.0' | |
| HAM | MER FAI | | (DIE | NA | | | | | | | | _ |
| DEPTH (feet) | No. | DEP | TH | REC | USC Sym | bol | | DE | SCRIPTION OF I | | | PID ppm |
| 0 | C18-A | 0-0 | 5' | 100% | SW/GW | 7 | | | 0-1' Sand and Gra | avel, Brov | /n | 0.0 |
| 1 | CI6-A | | | | sw | | | . 1 | 1-2' Sand, Med. Bro | own, little | clay | |
| 2 | C18-B | 1.5- | 2.0' | | SM/GF | | | 2-3' S | ilt and Sand, Dark | Brown, lit | tle gravel | 0.0 |
| 3 | | | | - | SM | | | 3-4 | ' Silty Sand, Dark l | Brown, lit | ile clay | |
| 4 | | | | 100% | SM | _ | | | 4-8' Sand and S | ilt Brown | 1 | 0.0 |
| 5 | | | | 10078 | 5.4 | | | | , o sand and c | , <i>D</i> | • | 0.0 |
| 6 | C18-C | 5.5- | 6.0' | | | | | | | | | |
| 7 | - | | | | | | | | | | | |
| 8 | | | | | | | | | End of Expl | oration | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | DIG ==== | DE: | | | | | | | CIDE A CE EL | WATION | | <u> </u> |
| DRILLING | | | | uck-mounted Geor | | | | | SURFACE ELE | | | |
| TEMPORA | | L INST | TO: | D: NA SCREET | No N FROM: | NA | TO: N | 4 | START DATE: END DATE: | | 10/10/2007 10/10/2007 | |
| NOTES: | | | | | | _ | | | | | T | |
| PID me Depths | asuremen measured t applicab | from g | | n 6" intervals urface | | | | | | | | |

| | | | | F | BOI | RING I | LOG | • | | | - | BORIN | G NUMBI | ER: P14-C19 |
|--|------------------------------------|----------|-------|---------------------------|----------|---------|------|-----------------|----------|---------------|----------------|-------------|---------------|----------------|
| SHAW | ZENY | /IR | N | ÆNTAL . | e. | PROJEC | CT: | US Army BRAC | 2005 | Site Invest | igation | JOB NUM | IBER: | 124976 |
| l | | | | TURE | | | | | | | | CLIENT: | USACE | |
| | | | | | | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | t: Frank Acc | corsi |
| | | | | | | | | | | | | FIELD RI | EP: K. Gerdes | |
| | | | | SAMPLER | С | ASING | (| ORE BARREL | | | | OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geog | orobe MacroCore 2" | | | | | DA | TE 10/10. | /07' | | | |
| | ER WEIG | | | NA NA | | | | | Gro | oundwater D | epth (feet): | | 5.0' | |
| nAw | WER FA. | | /IPLE | NA | | | _ | | <u> </u> | | | <u> </u> | <u> </u> | |
| DEPTH (feet) | No. | DEF | | REC | | USC Syn | bol | | DE | SCRIPTIO | N OF MATE | UALS | | PID ppm |
| 0 | C19-A | 0-0 | 5' | 100% | 4 | ML/GI | | | | 0-1' Silt wit | h gravel, Dark | Brown | | 0.0 |
| i | C13-A | 0-0 | | | # | CL | | | | 1-4' Silty | Clay, Dark Br | awo | | 0.0 |
| 2 | C19-B | 1.5- | 2.0' | | 1 | · | | | | | | | | 0.0 |
| 3 | | | - | | _ | | | | | | | | | |
| 4 | - | | | | | | ļ | | | | | | | |
| | | | | | | | | | | | | | | 0.0 |
| 5 C19-C 4.5-5.0' SP 5-6' Sand, Dark Brown, little silt, clay, gravel | | | | | | | | | | | | | | |
| 6 | ļ <u></u> | | | | # | SM | | | | 6-7' Silt | and Sand, Bro | wn | | |
| 7 | | | | | 1 | SM | | | | 7-8' Sil | t and Sand, Gr | | | |
| 8 | | | | | - | | | ii | | End | of Exploration | | | No. |
| - 8 | | | | | 4 | | | 1 | | | | | | |
| 9 | | | - | | # | | | | | | | | | |
| 10 | | <u></u> | | · | = | | | | | | | | | |
| 11 _ | | | | | \dashv | | | | | | | | | |
| 12 | | | | | 4 | | | | | | | | | |
| 12 | ļ | | | | _ | | | | | | - | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | <u> </u> | | ļ | | | | | | | | | | - |
| | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | L | | | П | | | | -1 | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | prob | e Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | | START | DATE: | 10/10/200 | 7 | |
| RISER FRO | ЭМ: | NA | TO: | NA SCREE | N FR | ROM: | NA | TO: NA | | END DA | TE: | 10/10/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from g | | n 6" intervals surface | | | | | | | | | | |

| | | | | В | ORING | LOG | } | | _ | BORING | G NUMBE | R: P14-C20 |
|-----------------|----------------------------------|---------|------------|--------------------------|-----------------|----------|--------------|-----------------|----------------------|------------------|--------------|---------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | igation | JOB NUMI | | 124976 |
| | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acco | orsi |
| | | | | | COMP | | 175 | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | OF GROUND | WATER | , |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/10 | /07' | | | |
| HAMM | ER WEIG | | | NA | | | | Groundwater D | Depth (feet): | | 7.0' | |
| HAM | MER FAI | | <u> </u> | NA | | | | • | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | abol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SP | | | 0-2' Sand, Dark | Brown, little sil | little clay | | |
| 1 | C20-A | 0-0 | .5' | | | | | | | | | 0.0 |
| 2 | C20-B | 1.5-2 | 2.0' | | SM | | | 2-3' Sand v | vith silt, Dark B | rown | | 0.0 |
| 3 | | _ | | | ML | _ | 3-4' \$ | ilt, Dark Brown | , little sand, littl | e clay, concrete | | |
| 4 | | | | 1000/ | 27.4 | | | 4 (1000-0 | l, Dark Brown, I | : | | |
| 4 | | | | 100% | SM | | | 4-6 Sitty Sairc | i, Dark Brown, i | ittle clay | | 0.0 |
| 5 | | | | | _ | | | | | | | |
| 6 | | | | | CL | | | 6-8' S | ilty Clay, Brown | 1 | | - |
| 7 | C20-C | 6.5- | 7.0' | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
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| 13 | | | | | _ | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | J |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START | DATE: | 10/10/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 10/10/2007 | | |
| NOTES: | | | | | - | • | · | 1 | | | • | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | B | ORING I | LOG | , F | | | BORING NUMBE | R: P14-C21 |
|-----------------|------------------------------------|---------|------|--------------------------|-----------|------|-----------------|------------------|-------------------|----------------------|---------------|
| | | | | IENTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMBER: | 124976 |
| II | NFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | , CLIENT: USACE | |
| | | | | | | | | | | DRILLER: Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP: K. Gerdes | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/11 | /07' | | |
| HAMM | ER WEI | | | NA | | | | Groundwater I | Depth (feet): | 8.5' | |
| HAMI | MER FA | SAM | IPLE | NA | | | A1176 | |] | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | bol | | DESCRIPTIO | ON OF MATER | IALS | PID ppm |
| 0 | | | | 100% | CL | | | 0-1' Clay, I | Dark Brown, littl | e silt | |
| 1 | C21-A | 0-0. | .5' | | CL. | | | 1-2' Clayey Sil | t, Dark Brown, l | ittle sand | 0.0 |
| 2 | C21-B | 1.5-2 | 2.0' | | SM | _ | | 2-3' Silty Sand | l, Dark Brown, l | ittle clay | 0.0 |
| 3 | | | | | SP | | | 3-4' Sand, 1 | Dark Brown, litt | le silt | - |
| 4 | | | | | - | | | | | | |
| 4 | | | | 100% | SM | | | 4-6' Sand with | silt, Dark Brown | n, mottled | 0.0 |
| 5 | | | | , | - | | | | | | |
| 6 | <u> </u> | | | | SM | | | 6-8' Sand wi | ith clay, Orange | Brown | |
| 7 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 8 | | | | | SP | | | 8-10' Sand, | Brown, little sil | t, clay | |
| 9 | C21-C | 8-8. | .5' | | | | | | | | |
| | 1 | | | | - CP | | | 10 121 2 1 | D-1. D " | ut9. | |
| 10 | | | | | SP | | | 10-12 Sand | , Dark Brown, Ii | me sin | |
| 11 | | | | | | | | | | | |
| 12 12 | | | | | | | | End | of Exploration | • | |
| | | | | | | | | | | | |
| 13 | _ | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | \vdash | | | | | - | | | | | , |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe Rig | | | SURFA | CE ELEVATIO | N: | - |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 10/11/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | END DA | ATE: | 10/11/2007 | |
| NOTES: | | | | | | | | 1 | | · · | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | В | ORING | LOC | 3 | | BUKII | NG NUMI | SEK: P14-C22 |
|-----------------|--------------------------------------|---------|----------|---------------------------|-------------|-------|------------|---|-------------------|------------|-----------------|
| | | | | IENTAL & | PROJE | | • | 2005 Site Investigation | JOB NU | | 124976 |
| • | | | | | CONT | RACTO | OR: TVS | | DRILLE FIELD F | R: Frank A | |
| | | _ | | 1 | | 1 | | | | | |
| | TYPE | | | SAMPLER robe MacroCore | CASING | + 4 | ORE BARREL | DATE 10/11/07' | TH OF GROUN | NDWATER | |
| S | IZE (ID) | | | 2" | | 1 | | | | | |
| | IER WEIG | | - | NA NA | | | | Groundwater Depth (feet): | | 8.0' | |
| | | | IPLE | | | 1 | | -1 | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Sy | mbol | | DESCRIPTION OF MAT | | | PID ppm |
| 0 | | | | 100% | | | | 0-0.5' Topsoil | | | |
| 1 | C22-A | 0-0. | .5' | | SM | | | 0.5-1' concrete and a 1-4' Sand with silt, Brown R | | | 0.0 |
| | | | | | 5147 | | | oute mail one Diowil P | oo, some only | | |
| 2 | C22-B | 1.5-2 | 2.0' | | + | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 4 | + | | - | 100% | SP | | | 4-5' Sand, Orange I | Brown | | 0.0 |
| | | | | | SM SM | | | 5-6' Sand with silt, l | D-aum | | |
| 5 | | | | | SM | | | • | | | |
| 6 | - | | | | SP/C | L | | 6-7' Sand with clayey s | ilt, Brown | | |
| 7 | | | | | SM | | | 7-8' Silty sand, Br | rown | | |
| 8 | C22-C | 7.5-8 | 3.0' | | | | | End of Explorati | on | | |
| 8 | 1 | | | | - | | | | - | | |
| 9 | | | | | | | | | | | - |
| 10 | - | | | | | | | | | | |
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| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | | | | ick-mounted Geop | _ | | | SURFACE ELEVA | | | |
| TEMPORA | ARY WEL | L INST | ALLEI | D: | No | | | START DATE: | 10/11/20 | 07 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END DATE: | 10/11/2007 | 7 | |
| OTES: | | | | | | | | | | | |
| Depths | easuremen measured et applicab | from gr | | n 6" intervals orface | | | | | | | |
| | | | | | | | | | | | |

| | | | | | ВО | RING | LOG | | | | BORIN | G NUMBI | ER: P14-D3 |
|-----------------|--|-----------|------------|-------------------------|-----------|---------|----------|---------------|---------|-----------------------------|-----------------|-------------|---------------|
| SHAW | | | | IENTA TURE | | PROJE | CT: | US Army BRAC | 2005 | Site Investigation | JOB NUM | BER: | 124976 |
| ıı. | (FKA | 791 W | ·UC | IUKE | | LOCAT | ION: | Charles Woods | Area, I | FTMM, NJ | | 55.152 | |
| | | | | | | CONTR | LOTA | ND. THE | | | DRILLER | : Frank Acc | orsi |
| | | | | | | CONTR | ACIC | OR: TVS | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | | CASING | | ORE BARREL | | | OF GROUNI | WATER | |
| | YPE ZE (ID) | | Geop | robe Macro 2" | Core | | _ | | DA | TE 10/2/07' | 1 | | |
| HAMMI | ER WEI | | | NA | | | | | Gro | oundwater Depth (feet): | | 7.5' | |
| HAMN | IER FA | | EDI E | NA | | | <u> </u> | | }_ | | 1 | <u> </u> | |
| DEPTH (feet) | No. | DEP | IPLE TH | RE | С | USC Syn | ıbol | | DE | SCRIPTION OF MATE | RIALS | | PID |
| 0 | | | - | 1009 | % | SM/G | N | 0-2.5' Si | lt and | Sand with gravel, Light B | own, coal frage | nents | |
| 1 | D3-A | 0-0. | .5. | | | | | | | | | | 0.0 |
| 2 | D3-B | 1.5-2 | 2.0' | | | CV | | | 2.5 | Alignosis for the Process | v | | 0.0 |
| 3 | | | | ···· | | SM | | | 2.5 | -4' Sand with silt, Brown/C | live Grey | | <u> </u> |
| | | | | | | | | | | | | | |
| 4 | | | | 100 | % | SM | | | 4-7' S | and with silt, Olive Grey/ | Brown, moist | | 0.0 |
| | | | | | | | | | | | • | | |
| 5 | | | | _ | | | | | | | | | \ |
| 6 | | | | | | | | _ | 01.0 | 1 11 11 15 1 1 1 1 1 1 1 | n . | | |
| 7 | | | | | | SM | | <i>'</i> - | 8 Sar | nd with silt, Dark Grey/Oli | e Brown, wet | | |
| | D3-C | 7-7. | .5' | | | _ | | | | | | | |
| 8 | | | | | | | | | | End of Exploration | | | |
| | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | _ | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | - 1. | | | | | | | - |
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| 13 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | - | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | • | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mounte | d Geoprol | be Rig | | | | SURFACE ELEVATION | N: | | |
| TEMPORA | | | | | No | _ | | | | START DATE: | 10/2/2007 | | |
| RISER FRO | | NA NA | TO: | | CREEN F | | NA | TO: NA | | END DATE: | 10/2/2007 | | |
| NOTES: | | | | | | | | | ļ | | 1 | | |
| | neasured | l from gr | | n 6" interval urface | ls | | | | | | | | |

| | | | | В | ORING I | LOG | | | | BORING | | R: P14-D4 |
|-----------------------------------|----------------|--------------|------|--------------------------|-----------------|---------------|--------------|---------|--------------------------------|------------------------|------------|--------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | Site Investigation | JOB NUMBE | | 124976 |
| | | | | | CONTR | ACTO | R; TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | CONTR | ACTO | K, 175 | | | FIELD REP: | R. McCorm | ick |
| | | | | SAMPLER | CASING | С | ORE BARREL | \perp | | OF GROUNDW | ATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore | | | | _ DA | TE 10/2/07' | | | - |
| HAMME | R WEI | | | NA | | | | Gro | oundwater Depth (feet): | | 8.0' | |
| HAMN | IER FA | | IPLE | NA | | ' | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | | | | SCRIPTION OF MATER | | | PID ppm |
| 0 | D4-A | 0-0 | 5' | 100% | SM/G\ | <i>N</i> | 0-2.5' Si | lt and | Sand with gravel, Light Bro | wn, coal fragmer | nts | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | D4-B | 1.5-2 | 2.0' | - | SM | | | 25. | 4' Sand with clay, Brown/O | ive Grev | | 0.0 |
| 3 | | | | | | | | 2.5 | v bana mar bay, bromb o | 0.105 | | |
| 4 | - | | | | | - | | | | | | |
| 4 | | | | 100% | SM | [| | 4-5 | .5' Sand with silt, Olive Gree | en/Brown | | 0.0 |
| 5 | <u> </u> | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | ML | | 5.5-8' 8 | andy | Silt, Dark Grey/Olive Brown | i, trace clay, moi | st | |
| 8 | D4-C | 7.5 | -8' | 100% | SM | | | 12' 5 | and with silt, Dark Grey/Oliv | e Brown wet | | 0.0 |
| | | | | 10078 | 3141 | | 0- | 12 00 | and with sire, Daix Oreg/One | c Diown, wer | | 0.0 |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | - | | | | | | | | | | | |
| 12 | | | | | | | | | End of Exploration | | | |
| 13 | | | | | | | | | | | | |
| 14 | | - | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | <u> </u> | L | | | | 1 | | | 01/DD 4 0D DV DV 4 07/03 | | | _ |
| DRILLING | | | | uck-mounted Geor | | | | } | SURFACE ELEVATION | | | |
| TEMPORAL | | L INST NA | TO: | D: NA SCREE | No N FROM: | NΙΑ | TO: N | Δ | START DATE: END DATE: | 10/2/2007 10/2/2007 | | |
| RISER FRO | | 11/4 | 10: | | TROM. | INA | | · _ | DID DATE. | 13/22/01 | | |
| NOTES: PID mea Depths r NA=not | neasured | from g | | n 6" intervals urface | | | | | | | | |

| | | | |) | BOR | INGI | OG | | | | BORIN | G NUMBE | R: P14-D5 |
|-----------------|----------------------------------|--------|------|--------------------------|-------|---------|----------|------------------|----------|---|-----------------|--------------|--------------|
| CHAW | ENN | πре | NIA | IENTAL | Q. | PROJEC | T: | US Army BRAC 2 | 2005 | Site Investigation | JOB NUM | BER: | 124976 |
| | | | | TURE | × | | | | | | CLIENT: | USACE | |
| | T. I.C. | | | TOKE | | LOCAT | ON: | Charles Woods As | ea, F | TMM, NJ | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | | CONTIC | AC I U | | | | FIELD RE | P: R. McCorr | nick |
| | | | | SAMPLER | CA | SING | C | ORE BARREL | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA. | TE 10/2/07' | | | |
| HAMM | ER WEIG | ЗНТ | | NA | | | | | Gro | undwater Depth (feet): | | 7.5' | |
| HAM | MER FAI | | APLE | NA | | J | - 1 | | <u> </u> | ļ | | l | |
| DEPTH (feet) | No. | DEP | | REC | 1 | USC Sym | bol | | DES | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | | - | | 100% | | SM/GV | | 0-3' 5 | Silt a | nd Sand with gravel, Light | Brown/Orange | - | |
| 1 | D5-A | 0-0 | .5. | | + | | | | | | | | 0.0 |
| 2 | D5-B | 1.5- | 2.0' | | | | | | | | | | 0.0 |
| 3 | | | | | | SM | | | | 3-4' Sand with silt, Olive G | reen | | - |
| | | | | | | | | | | - · · · · · · · · · · · · · · · · · · · | | | |
| 4 | | | | 100% | | SM | | | | 4-5' Sand with silt, Olive C | reen | | 0.0 |
| 5 | | | | | | SM | | 5-7' Sa | nd w | rith clay, Olive Green, little | silt; gravel,mo | ist | |
| 6 | - | | - | | + | | \dashv | | | | | | |
| | | | | | | SM | | 7.0 | ı c | during the Deal Constant | . C | | |
| 7 | D5-C | 7-7 | '.5' | | | SIVI | | 7-8 | · Sar | nd with silt, Dark Grey/Oliv | e Green, wet | | |
| 8 | | | | | - | | | | | End of Exploration | | | |
| | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | - |
| 10 | | | | | - | | | | | | | | |
| 11 | | | | | | | _ | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | - | | | | + | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | + | - | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Ge | probe | Rig | | | | SURFACE ELEVATION | | | |
| TEMPORA | | | | | No . | - | | | | START DATE: | 10/2/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREI | N FRO | OM: | NA | TO: NA | | END DATE: | 10/2/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from g | | n 6" intervals urface | | | | | | | | | |

| | | | | F | BOR | RING I | COG | | | | | BORING | G NUMB | ER: P14-D6 |
|-------------------------------|-----------------|---------|-----------|--------------------------|----------|-----------------|------|--------------|--------------|-------------------|----------|-----------|---------------|---------------|
| | | | | IENTAL & | <u> </u> | PROJEC LOCAT | | US Army BRAC | | • | | JOB NUMI | BER: USACE | 124976 |
| | | | | | | | | | , | | | DRILLER: | Frank Ac | corsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | | FIELD RE | P: R. McCo | mick |
| | | | | SAMPLER | CA | ASING | C | ORE BARREL | | | ртн о | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 1 | 0/2/07' | | | | |
| HAMMI | ER WEI | | | NA | | | | | Groundwa | ter Depth (feet) | : | | 5.0' | |
| HAM | MER FA | | PLE | NA | | | | | <u> </u> | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DESCRIP | TION OF MA | TERIA | LS | | PID ppm |
| 0 | D6-A | 0-0. | 51 | 100% | \perp | SM | | | 0-3' Silt an | d Sand, Light I | Brown/C | Orange | | 0.0 |
| 1 | DOA | 0-0. | , | | | | | | | | | | | 0.0 |
| 2 | D6-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | - | | | | + | SM | | | 3-4' Sa | and with silt, Ol | live Gre | en | | <u> </u> |
| 4 | | | | | \Box | | | | | | | | | |
| 4 | | | | 100% | | SP | | | 4-8' Sand, | Olive Green/D | ark Gre | y, wet | | 0.0 |
| 5 | D6-C | 4.5-5 | 5.0 | | - | | | | | | | | | 1, |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | |
| 8 | | | | | | - | | | | End of Explora | tion | | | |
| 9 | | - | | | - - | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11 | | - | | | | | | | | | | | | |
| 12 12 | | | | | 4 | | | | | | | | | |
| | | _ | | | | | | | | | | | | |
| 13 | | | | | - - | | | | | | | | | |
| 14 | | | | | 1 | | | | | | | | | |
| 15 | | | | | # | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tre | ick-mounted Geor | orobe | Rig | | | SUR | FACE ELEVA | TION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | | STA | RT DATE: | | 10/2/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FRO | OM: | NA | TO: NA | ENI | DATE: | 1 | 0/2/2007 | | |
| NOTES: | | | | | - | | | | | | | <u> </u> | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | F | ORING | LOC | 3 | - | | BORING NUMB | ER: P14-D7 |
|-------------------------------|----------------|---------|------|--------------------------|-----------|------|--------------|-------------------|---------------------|------------------------------|---------------|
| | | | | IENTAL & | & PROJE | | US Army BRAC | | | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | İ | RACT | | , , | | DRILLER: Frank Ac | |
| | | | | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUNDWATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 10/2/ | 07' | | |
| HAMMI | ER WEI | | | NA | | | | Groundwater I | Depth (feet): | 6.5' | |
| HAMN | MER FA | | IPLE | NA | | | <u>-</u> | · , | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTIO | ON OF MATER | IALS | PID ppm |
| 0 | | | | 100% | SM | | i | 0-3.5' Sand and | Clay, Olive Gree | en/Brown | |
| 1 | D7-A | 0-0. | .5' | | | | | | | | 0.0 |
| 2 | D7-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | SM | ĺ | | 3.5-4' Sand wi | th silt, Olive Gree | en, moist | |
| 4 | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-: | B' Sand with silt | , Olive Green, lit | tle clay, wet | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | D7-C | 6-6. | .5' | | | | - | | | | |
| | | | | | | | | P. 4 | -6F1 | | |
| 8 | | | | | | | | End | of Exploration | | |
| 9 | | | | | | | | | | | |
| 10 | | | | - | | | | | | | |
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| 12 12 | | | | , | _ | | | | | | |
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| 13 | | | | | | | } . | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | probe Rig | | | SURFA | CE ELEVATION | i: | |
| TEMPORAL | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 10/2/2007 | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | N/ | A TO: NA | END DA | ATE: | 10/2/2007 | |
| NOTES: | | | | | | | | ! | | | |
| PID mea Depths n NA≃not | neasured | from gr | | n 6" intervals urface | | | | | | | |

| | | | | | В | ORING I | LOG | ; | | | BORIN | G NUMBI | ER: P14-D8 |
|-----------------|--------------------------------------|--------|------------|---------------|-----------|---------|----------|------------------------------|------------------|-------------------|---------------------|-------------|---------------|
| SHAW | V ENV | | | | | PROJEC | | US Army BRAC Charles Woods A | | igation | JOB NUM CLIENT: | USACE | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER FIELD RE | : Frank Acc | |
| | | | | AMPL | | CASING | С | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | - | Geop | robe Ma 2" | croCore | | | | DATE 10/2/ | 07' | _ | - | |
| HAMM | ER WEI | | | NA | | | | | Groundwater I | Depth (feet): | | 6.5' | |
| HAM | MER FA | | | NA | | | · | | <u> </u> | l _. | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | I | REC | USC Sym | ıbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 1 | 00% | SM/GV | V | 0-3' | Silt and Sand wi | ith gravel, Light | Brown/Orange | | |
| 1 | D8-A | 0-0 | .5' | | | - | \dashv | | | | | | 0.0 |
| 2 | D8-B | 1.5-2 | 2 0' | | | | | | | | | | 0.0 |
| | D0-D | 1.5-2 | | | | | | | | | _ | | |
| 3 | | | | | | SM | | | 3-4' Sand with | clay, Grey/Orang | ge Brown | | |
| 4 | | | | | 000/ | 914 | | | (El C d d C | Clay, Olive Green | . ison stone | | 0.0 |
| 4 | +- | | _ | 1 | 00% | SM | | 4 | -0.5 Sand and C | lay, Olive Green | i, iron stone | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | D8-C | 6-6 | .5' | | | - | | | • | 6.5' Refusal | | | |
| | | | | | | | | | End | of Exploration | | | |
| 8 | + | | | | | _ | | | Ellu | of Explotation | | | |
| 9 | - | | | | | | | | | | | | |
| | | | | | | - | | | | | | | |
| 10 | + | | | | | | | | | | | | |
| 11 | | | | _ | | | | | | | | | |
| 12 | 1 | | | | | | | | | | | | |
| 12 | + | | - | | | | | | | | | | |
| 13 | 1 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | \vdash | | | | | + - | | | | | | | |
| | | | | | | | | | | | | | |
| 16 | 1 | | | | | 1 | | | 6 | OF EL 2311 m22 | \T: | | |
| DRILLING | | | | | nted Geop | - | | | | CE ELEVATIO | | | |
| TEMPORA | | | | | | No | | | START | | 10/2/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | END DA | ATE: | 10/2/2007 | | |
| Depths | easuremer measured at applicat | from g | | | rvals | | | | | | | | |

| | | | | E | ORING I | LOG | 3 | | | BORING | G NUMBE | R: P14-D9 |
|-------------------------------|--------------------|---------|------|--------------------------|-----------|------|-----------------|------------------|-------------------|------------------|--------------|--------------|
| SHAW | EN | ЛRC | NN | TENTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMI | BER: | 124976 |
| | | | | TURE | | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acco | orsi |
| | | | | | | | | | | FIELD RE | P: R. McCorn | nick |
| | m to b | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/2/ | 07' | | | |
| HAMM | ER WEIG MER FAI | | | NA NA | - | | | Groundwater I | Depth (feet): | | 7.5' | |
| | | SAN | IPLE | | | I | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | D9-A | 0-0. | 2 | 100% | SM/G\ | | 0-2.5' | Silt and Sand w | ith gravel, Light | Brown/Orange | | 0.0 |
| 1 | | | | | | | | | | | | 0.0 |
| 2 | D9-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | — SP | | 2.5 | 4' Sand, Light | Grey/Orange Br | von, little silt | | - |
| 4 | | | | - | | | • | | | | | |
| 4 | | | | 100% | SM | | | 4-6' S | and, Olive Green | 1 | | 0.0 |
| 5 | <u> </u> | | | | ML | | | 6.5-7' Sandy | Silt, Dark Olive | Green | | |
| 6 | | | | | | | | | | | | |
| - | | | | | - 01 | | | 7 01 07 L | | | | |
| 7 | D9-C | 7-7. | .5' | | OL | | 1 | 7-8' Siit and o | rganics, Dark G | rey, wet | | |
| 8 | | | | | | | | End | of Exploration | | | - |
| 9 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 13 | - | | | - | + | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | · · · · |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | orobe Rig | | | SURFA | CE ELEVATIO | ٧: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 10/2/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 10/2/2007 | | |
| NOTES: | <u> </u> | | | | | | | l | | 1 | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING | G LOC | 3 | | BORING NUMB | ER: P14-D10 |
|-----------------|------------------------------------|---------|------------|--------------------------|-----------|-----------------|---------------------------------------|-----------------------------------|--|----------------|
| | | | | IENTAL & | & | JECT: ATION: | US Army BRAC Charles Woods A | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CON | TRACTO | OR: TVS | | DRILLER: Frank According to the FIELD REP: R. McCord | |
| | | | | SAMPLER | CASING | ; (| ORE BARREL | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/2/07' | | |
| | ER WEIG | ЭНТ | | NA . | | | | Groundwater Depth (feet): | 5.5' | |
| HAM | MER FAI | | | NA | | | · · · · · · · · · · · · · · · · · · · | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC | Symbol | | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | | 100% | SM | /GW | 0-2' | Silt and Sand with gravel, Light | Brown/Orange | |
| 1 | D10-A | 0-0 | .5' | | | | | | | 0.0 |
| 2 | D10-B | 1.5-2 | 2.0' | | s | M | | 2.5-4' Sand and Silt, Orange Yell | ow Brown | 0.0 |
| 3 | | | | | _ | - | | | | - |
| 4 | | | | 1000/ | | ID. | 4.51 | Sand, Orange Brown/Dark Grey, | listle eilt medet | 0.0 |
| 4 | | | | 100% | | SP | 4-3 | | | 0.0 |
| 5 | D10-C | 5-5 | 5' | | | SP | | 5-8' Sand, Dark Grey, little s | ilt, wet | |
| 6 | 1 | | | | | | | | | |
| 7 | | | | | _ | - | | | | |
| 8 | | | | | | | | End of Exploration | | _ |
| 9 | | | | | | | | | | |
| 10 | ļ. <u> </u> | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | + | | _ | | - | | ļ | | |] |
| 12 | | | | | - | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | <u> </u> | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFACE ELEVATION | 1 : | |
| TEMPORA | RY WEL | L INST | | | No | | | START DATE: | 10/2/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | N/ | A TO: NA | END DATE: | 10/2/2007 | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | |

| | | | | | BO | RING I | oG | ; | | | | BORI | NG NUMBI | ER: P14-D11 |
|-------------------------------|----------|------------|------------|---------------------------|----------|----------|------|-----------------|-----------|-------------|-------------------------------|-------------------|--------------|----------------|
| SHAW | ENV | πкα |)NN | TENTAL | & | PROJEC | T: | US Army BRAC | 2005 Sit | e Investi | gation | JOB NU | MBER: | 124976 |
| | | | | TURE | Œ | | | | P/P | | | CLIENT | : USACE | |
| | | | | | | LOCAT | ion: | Charles Woods A | rea, FIN | MM, NJ | | DD1111 | | |
| | | | | | | CONTR | АСТО | R: TVS | | | | DRILLE | | |
| | | | | - | | <u> </u> | | | | | | FIELD | IEP: R.McCon | nick |
| Т | YPE | | | SAMPLER robe MacroCore | | ASING | C | ORE BARREL | DATE | 10/15/ | | OF GROUN | DWATER | _ |
| | ZE (ID) | TIT | | 2" | 1 | | | | | | | | 7.01 | |
| | IER FAI | | | NA NA | | | | | Ground | iwater D | epth (feet): | | 7.0' | |
| DEPTH | No. | SAN DEP | IPLE TU | REC | Τ. | USC Sym | bal | | DECCI | DIDTIO | N OF MATE | DIAT C | | PID |
| (feet) | 140. | DEF | 111 | | | | | | | | | | | ppm |
| 0 | D11-A | 0-0. | .5' | 100% | - | SM/GI | | 0-1.5' | Sand wit | th silt, Li | ight Brown, litt | le gravel, asp | halt | 0.0 |
| 1 | | | | | _ | | | | | | | | | |
| 2 | D11-B | 1.5-2 | 2.0' | | \dashv | | 一 | | | | -2.0' asphalt .5' Concrete | | | 0.0 |
| 3 | | | | | \dashv | SP | | | 2 | 2.5-4' Sar | nd, Yellow Ora | nge | | |
| | | | | | | | | | | | | | | |
| 4 | | | | 100% | \dashv | ML | | | 4- | -6' Sandy | y Silt, Olive Br | own | | 0.0 |
| 5 | | | | | _ | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | | SP | | 6-8' Sar | id, Olive | e Orange | Brown/Grey, I | ittle silt, trace | clay | |
| 7 | D22-C | 6.5- | 7.0' | | | | | | | | | | | |
| 8 | | | | | | | | | | End o | of Exploration | | | |
| 8 | | | | | | | | | | | | | | ļ |
| 9 | | | | | | | | | | | | | | i. |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | - | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
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| 13 | \vdash | | | | | | | , | | | | | | |
| 14 | | | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | l | , | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ack-mounted Ge | oprob | e Rig | | | s | SURFAC | E ELEVATIO | N: | | |
| TEMPORAL | RY WEL | L INST | ALLE | D: | No | | | | s | START I | DATE: | 10/15/20 | 07 | |
| RISER FRO | M: | NA | TO: | NA SCRE | EN FR | ROM: | NA | TO: NA | F | END DA | TE: | 10/15/20 | 07 | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | 1 6" intervals urface | | | | | | | | | | |

| | | | | | В | ORI | NG I | oc | | | | | - | BORING | G NUM | | : 4-D12 |
|-----------------|------------------------------------|---------|-------|-------------------|-----------|----------|------------------------|-----|-------------------------------|---------|-------------|--------------|------------|---------------------------------|---------|----------------------|------------|
| SHAW | ENV NFRA | | | | | E L | ROJEC OCATI ONTR | ON: | US Army BRAC Charles Woods A | | | | | JOB NUMI CLIENT: DRILLER: | USAC | 12 CE C Accors | i |
| | | | | | | | | | | | | | | FIELD RE | P: R.Mc | Cormic | k |
| | TI AND | | | AMPLE robe Mac | | CAS | ING | C | ORE BARREL | DA1 | E 10/15 | | ртн о | F GROUND | WATER | t | |
| | TYPE ZE (ID) | | Geopi | 2" | rocore | | | | | DAI | E 10/13 | 1 | | | | | |
| | ER WEIC | | | NA | | | | | | Grou | ındwater I | Depth (feet) | : | | 6.5' | | |
| HAMI | MER FAI | | IPLE | NA | | | | | | Щ. | | | ! | | | | |
| DEPTH (feet) | No. | DEP | | R | EC | US | SC Sym | bol | | DES | CRIPTIC | ON OF MA | TERIA | LS | | | PID ppm |
| 0 | | | | 10 | 00% | — | SP | | | 0-1'5 | Sand, Ligh | t Brown, tra | ace silt, | asphalt | | | |
| 1 | D12-A | 0-0 | .5' | | | | sw | | | | 1-2' | Sand, Ora | nge | | | ŀ | 0.0 |
| 2 | D12-B | 1.5-2 | 2.0' | | | | ML | | | | | Dark Green | | | | ļ | 0.0 |
| 3 | | | | | | | SP | | 2.3 | >-4' Sa | nd, Olive | Green/Brov | vn, little | silt, moist | | | |
| 4 | \vdash | | | | | ╁ | | | | | | | | | | } | |
| 4 | | | | 10 | 00% | | SM | | 4-6' | Silt w | ith sand, (| Olive Brow | n/Orang | ge, trace clay | | | 0.0 |
| 5 | | | | | | 1 | | | | | | | | | | | |
| 6 | | | _ | | | | SP | | | 6-8 | Sand, Gre | ey/Olive Br | own, tra | ace silt | | | |
| 7 | D12-C | 6-6 | .5' | | | | | | | | | | | | | | |
| 8 | | | | | | | | _ | | | End | of Explora | tion | | | | |
| 8 | - | | | | | + | | | | | | | | | | ŀ | |
| 9 | 1 | | | | | - | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | İ | |
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| 14 | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |
| 16 | | | | | | \pm | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mour | nted Geop | robe Ri | g | | | | SURFA | CE ELEVA | ATION: | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | 1 | No | | | | | START | DATE: | | 10/15/2007 | , | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FRON | 1 : | NA | TO: NA | ٠ | END DA | ATE: | | 10/15/2007 | , | | |
| NOTES: | | | | | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | | vals | | | | | | | | | | | | |

| | | | | E | ORING | LOG | 3 | | | BORING NUMB | ER: P14-D13 |
|-------------------------------|----------------|---------|-------------|--------------------------|-----------|-------|-----------------|--------|--------------------------------|----------------------|----------------|
| SHAW | ENV | ЛRC | INI | TENTAL & | PROJE | CT: | US Army BRAC | 2005 | Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | ļ | | | | | CLIENT: USACE | |
| | | | | . 0103 | LOCAT | ION: | Charles Woods A | rea, F | TMM, NJ | | |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: Frank Acc | corsi |
| | | | | | | | | | | FIELD REP: R.McCom | mick |
| · | | | | SAMPLER | CASING | C | ORE BARREL | | DEPTH | OF GROUNDWATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | DAT | E 10/15/07' | | · · · · · · |
| HAMMI | ER WEIG | | | NA NA | | | | Grou | indwater Depth (feet): | 7.5' | |
| 117.011 | ALK I'A | | 1PLE | _ NA | | | | Ь | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DES | CRIPTION OF MATER | IALS | PID ppm |
| 0 | D13-A | 0-0 | 51 | 100% | SM/G | P | 0-2.5' Sa | and an | d Silt, Light Brown/Olive | Green, little gravel | |
| 1 | D13-A | 0-0 | ر. | | | | | | | | 0.0 |
| 2 | D13-B | 1.5-2 | 2.0' | | ML | | | 2.5 | 5-3.5' Silt, Olive Green, litt | e sand | 0.0 |
| 3 | | | | | SM | | 2 5 4 | , Cana | with silt, Olive/Orange Br | our trace elec- | |
| 4 | | | | | | | 3,3-4 | | | | |
| 4 | | | | 100% | CL | | | 4-6' | Silty Clay, Olive Brown, I | ttle sand | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | | | | | SM | _ | | 6-8 | ' Sand with silt, Olive Bro | vn, wet | |
| 7 | | | | | | | | | | | |
| 8 | D13-C | 7-7 | .5' | | | | | | End of Evaluation | | |
| 8 | | | | | | | | | End of Exploration | | |
| 9 | | | | | | | | | | | |
| 10 | - | | | | | | | | | | |
| 11 | | | | | | | | | | | |
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| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | · |
| DRILLING | RIG TYI | PE: | Tn | ack-mounted Geor | orobe Rig | | | | SURFACE ELEVATION | I: | |
| TEMPORAI | RY WEL | L INST | ALLEI | D: | No | | | | START DATE: | 10/15/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | | END DATE: | 10/15/2007 | |
| NOTES: | | | | | | | | | | 1 | |
| PID mea Depths n NA≔not | neasured | from gr | | 1 6" intervals urface | | | | | | | |

| | : | | | В | ORI | ING I | LOG | | | | | BOR | ING NUMI | BER: P14-D14 |
|-----------------|------------------------------------|---------|-------|--------------------------|----------|-------------|--|------------|-----|-------------|------------------------------------|--|-------------|-----------------|
| | | | | IENTAL (| * | PROJEC | | US Army BR | | | igation | CLIEN | | 124976 |
| | | | | | ľ | CONTR | АСТО | R: TVS | | | | DRILI FIELD | ER: Frank A | |
| | | | | SAMPLER | CAS | SING | C | ORE BARREL | | | | I OF GRO | UNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | TE 10/13 | /U/· | 1 | | |
| HAMM | ER WEI | | | NA | | | | | Gre | oundwater D | epth (feet): | | 7.5' | |
| намі | MER FAI | | IPLE | NA | | | | | | | | ــــــــــــــــــــــــــــــــــــــ | | |
| DEPTH (feet) | No. | DEP | | REC | U | ISC Sym | bol | | DE | SCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 ' | | | | 100% | | ML | | <u> </u> | | | dy Silt, Dark B | rown | | |
| 1 | D14-A | 0-0. | .5' | | + | ML/GI | <u>, </u> | | : | | 5-1' concrete ilt, Brown, littl | e gravel | | 0.0 |
| 2 | D14-B | 1.5-2 | 2 07 | | | - | - | | | | | | | 0.0 |
| | | | | | | | | | | | | | | |
| 3 - | | | | | + | | | | | | | | | |
| 4 4 | | | | 100% | | ML | = | | | 4-8' Sand | ly Silt, Dark B | rown | | 0.0 |
| | | | | 10070 | | WIL | | | | 7 0 54110 | ly Din, Dan D | | | |
| 5 . | | | | | _ | | \dashv | | | | | | | |
| 6 | <u> </u> | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | D14-C | 7-7 | .5' | - <u>-</u> - | + | | | | | End | of Exploration | ı | | |
| 8 | | | | | | | | | | · | | | | |
| 9 | | - | | | | | | | | | • | | | |
| 10 | | | | <u> </u> | - | | | | | | | | | - |
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| 14 | - | | | 1 | | | | | | | | | | |
| 15 | | | | | - - | | \Box | | | | | | | |
| 16 | | | | | <u> </u> | | | | _ | | | | | |
| orilling | RIG TY | PE: | Tn | uck-mounted Geo | probe R | l ig | | | | SURFAC | CE ELEVATIO | ON: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | Yes | | | | | START | DATE: | 10/13/ | 2007 | |
| RISER FRO | DM: | NA | TO: | NA SCREE | N FRO | M: | 7' | TO: | 12' | END DA | ATE: | 10/13/ | 2007 | |
| NOTES: | | | | | - | | | | | | | - | | |
| PID me | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | | ВО | RING I | LOG | 1 | | | BORING NUMB | ER: P14-D15 |
|-------------------------------|----------------|---------|-------|--------------------------|---------|-------------|----------|---------------|--------|--------------------------------|-------------------|----------------|
| SHAW | EN | VTRC |)NN | TENTA | T. & | PROJEC | CT: | US Army BRA | .C 20 | 05 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | L | | | | | | CLIENT: USACE | |
| _ | | | | | | LOCAT | ION: | Charles Woods | Area | , FTMM, NJ | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: Frank A | corsi |
| | | | | | | | | | | | FIELD REP: R.McCo | rmick |
| | | | | SAMPLER | | CASING | · c | ORE BARREL | T | DEPTH (| OF GROUNDWATER | |
| | YPE ZE (ID) | | Geop | robe MacroC | Core | | | | D | ATE 10/15/07' | | |
| HAMMI | R WEI | | | NA | | | | | G | roundwater Depth (feet): | 6.5' | - |
| HAMN | MER FA | _ | IPLE | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ibol | | D | ESCRIPTION OF MATERI | ALS | PID ppm |
| 0 | D15-A | 0-0 | 51 | 100% | 5 | SW | | Ū | -3' Sa | nd, Orange YellowBrown, litt | le fine gravel | 0.0 |
| 1 | D13 11 | - 0-0. | | | | | | | | | | 0.0 |
| 2 | D15-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | _ | | | ОН | | | 3-4' (| Clay and organics, Dark Grey/0 | Olive Green | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | , | CL | | | | 4-6' Clay, Dark Green, little | sand | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | SP | | | 6-8' | Sand, Orange/Olive Green, lit | tle silt, wet | |
| 7 | D15-C | 6-6 | .5' | | | | | | | ,,,,, | | |
| | | | | | | | | | | | | |
| 8 8 | | | | | | | | | | End of Exploration | | |
| 9 | | | | | | - | | | | | | |
| | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
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| 12 | <u> </u> | | | | | | - | | | | | |
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| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | \dashv | | | | | , |
| DRILLING | RIG TY | PE: | Tn | ıck-mounted | Geoprob | e Rig | | | | SURFACE ELEVATION | : | - |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | | START DATE: | 10/15/2007 | , |
| RISER FRO | M: | NA | TO: | NA SC | REEN F | ROM: | NA | TO: | Α | END DATE: | 10/15/2007 | |
| NOTES: | • | | | · | | | | | | | | · |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | OR | ING I | OG | | | | · | В | ORING | NUMBI | ER: P14-D16 |
|-----------------|----------------------------------|--------|----------|---------------------------|---------|---------|------|-----------------|--------|---------------|---------------------|--------------|-----------|-------------|----------------|
| SHAW | ENX | ЛRC | INIV | IENTAL & | ક | PROJEC | T: | US Army BRAC | 2005 | Site Inves | tigation | ю | B NUME | BER: | 124976 |
| | | | | TURE | | | | OL 1. W1- A. | 7 | FT3 43 4 NI | | CI | JENT: | USACE | |
| | | | | | | LOCAT | iUN: | Charles Woods A | rea, i | r i mm, nj | | | | F 14 | |
| | | | | | | CONTR | ACTO | R: TVS | | | | - | RILLER: | | ļ |
| | | | | | | | | | | | | FII | ELD REI | : K. Gerdes | |
| | | | | SAMPLER ' | CA | ASING | С | ORE BARREL | D.4. | TE 10/12 | | OF G | ROUND | WATER | |
| SIZ | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | | | | | | |
| HAMMI | ER WEIC MER FAI | | <u> </u> | NA NA | | | | | Gro | oundwater I | Depth (feet): | | | 9.0' | |
| | | SAN | IPLE | | | | | | | | | | , | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | | | | | ON OF MATER | | | | PID ppm |
| 0 | D16-A | 0-0 | 5' | 100% | - - | ML/GI | • | | 0-2 | l' Silt, Dark | Brown, little sa | nd,grav | vel | | 0.0 |
| 1 | | | | | \bot | | | | | | | | | | |
| 2 | D16-B | 1.5- | 2.0' | | 1 | CL | | | | 2-3' Silt w | ith clay, Dark B | rown | | | 0.0 |
| 3 | | | | | + | ML/GI | > | | 3 | 3-4' Silt, Da | ark Brown, little | gravel | | | |
| 4 | | | | - | + | | | | | | | | | | |
| 4 | | | | 100% | | ML | | | | 4-8 Silt, D | ark Brown, little | e sand | | | 0.0 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | - | | | | | | | | <u> </u> |
| | | | | | | | | | | | | | | | |
| 7 | | | | | | · | | | | | | | | | |
| 8 | | | | | ╁ | ML | | | | 8-8.5' Silt, | Dark Brown, litt | tle sand | i | | 0.0 |
| 9 | D19-C | 8.5- | 9 0' | | | ML | | | | 8.5-9.5 | Silt, Grey, little | clay | | | - |
| | D15-C | 0.5 | | | | ML | | | | 9.5-12' Si | It, mottled, little | sand | | | |
| . 10 | | | | | + | | | | | | | | | | |
| 11 | | | | | \perp | | | | | | | | | | <u> </u> |
| 12 | ļ | | _ | | 1 | | | | | Enc | l of Exploration | | | | |
| 12 | | | | | \pm | | | | | | | | | | |
| 13 | | | | | \mp | | | | | | | | | | - |
| 14 | | | | | | | | | | | | | | | |
| 15 | 1 | | | | | | | | | | | | | | |
| 16 | \vdash | | | - | + | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORA | | | | | Yes | - | | | | | DATE: | |)/12/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | OM: | 6' | TO: 16' | | END D | ATE: | 10 | 0/12/2007 | | |
| NOTES: | | | | | - | | | | | | | \neg | | | |
| Depths 1 | asuremen measured applicab | from g | | n 6" intervals surface | | | | | | | _ | | | | |

| | | | | | BORIN | IG LO |)G | | | | BORING | NUMB | ER: P14-D17 |
|---------------------|---------|------------|--------|----------------------------|---------|-------|---|---------------|-----------------|---------------------|--------------------|----------|----------------|
| ~~~ | | | | | PR | OJECT | US | Army BRAC | 2005 Site Inves | tigation | JOB NUMBI | ER: | 124976 |
| | | | | TENTAL | & | | | • | | | | | |
| 117 | NFKA | STR | KUC' | TURE | го | CATIO | N: Cha | arles Woods A | rea, FTMM, N. | Ī | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Ac | corsi |
| | | | | | co | NTRAC | TOR: | TVS | | | FIELD REP: | R McCor | mick |
| | | | | | | | | | | | | | |
| 7 | ГҮРЕ | | | SAMPLER brobe MacroCore | CASIN | ic | | BARREL | DATE 10/1 | DEPTH 5/07' | OF GROUNDW | ATER | |
| SI | ZE (ID) | 21700 | *** | 2" | | | • | | | | | | - |
| HAMM! | MER FA | | | NA NA | | | | | Groundwater | Depth (feet): | ' | 6.5' | |
| DEPTH | No. | SAM DEP | IPLE | REC | 1150 | Symbo | | | DESCRIPTION | ON OF MATER | 1416 | | mm |
| (feet) | No. | DEF | 1.17 | | USC | | <u>' </u> | | | ON OF MATER | | | PID ppm |
| 0 | D17-A | 0-0. | .5' | 100% | | SM | - | |)-2' Sand and S | ilt, Dark Olive/O | range Red | | 0.0 |
| 1 | | | | | | | | | | | | | |
| 2 | D17-B | 1.5-2 | 2.0' | | - | CL | | | 2-3' Sil | y Clay, Olive Gr | ey | | 0.0 |
| 3 | | | | | - | CL | - | 3-4' Sil | y Clay, Olive (| Grey/Dark Green | little sand, moist | : | - |
| 4 | <u></u> | | | | | | 4 | | | | , | | |
| 4 | | | | 100% | | CL | | 4-6' Sil | y Clay, Olive | Grey/Dark Green | little sand, moist | i | 0.0 |
| 5 | | | | | | | - | | | | | | - |
| 6 | | | | | | SP | _ | 6.9 | Sand Light (| irey/Orange, little | eilt mottled | | |
| | D17-C | 6-6 | .5' | | _ | Ş1 | | 0-4 | Sand, Eight C | ncy/Orange, min | sm, money | | |
| 7 | | | | | | | - | | | | | | |
| 8 | | | | | | | 4 | | Enc | of Exploration | | | |
| | | | | | | | | | | | | | |
| 9 | | | | | | | - | | | | | | - |
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| 15 | | | | | | |] | | | | | | |
| | | | | | | | | | | | | | |
| 16 | DIG #12 | | | | | | | | | | | | _ |
| DRILLING | | | | ick-mounted Geo | | | | | | CE ELEVATION | | | |
| TEMPORA | | | | | No | | =- | | | DATE: | 10/15/2007 | | |
| RISER FRO |)М: | NA | TO: | NA SCREE | N FROM: | | NA TO | : NA | END D | ATE: | 10/15/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| PID mea Depths r | | | | n 6" intervals orface | | | | | | | | | |
| NA=not | | | ouru S | | | | | | | | | | |
| | | | | | | | | | | | | | |

| | · | | | В | ORING I | LOC | } | | | BORING NUME | BER: P14-D18 |
|-----------------|--------------------------------------|--------|-------|--------------------------|---------------|------|-------------------------------|---------------|-------------------|--|------------------|
| | | | | ENTAL & | PROJECT LOCAT | ION: | US Army BRAC Charles Woods A | | | JOB NUMBER: CLIENT: USAGE DRILLER: Frank A | 124976 ccorsi |
| | | | | | CONTR | ACIO | JR: 1V5 | | | FIELD REP: K. Gerd | es |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (lD) | | Geop | robe MacroCore 2" | | _ | | DATE 10/12 | 2/07 | | |
| HAMM | ER WEIC | | | NA NA | | | | Groundwater I | Depth (feet): | 10.0' | |
| HAM | MER FAI | | IPLE | NA | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DESCRIPTION | ON OF MATE | RIALS | PID ppm |
| 0 | | | | 80% | SM | | | 0-2' Sar | nd with silt, Bro | wn | |
| 1 | D18-A | 0-0. | .5' | | - | | | | | | 0.0 |
| | | | | | | | | | asphalt | | |
| 2 | D18-B | 1.5-2 | 2.0' | | ML | | | 2-4' Silt, D | Dark Brown, littl | e clay | 0.0 |
| 3 | | | | | 1 | | | | | | |
| 4 | - | | - | | | | | | | | |
| 4 | | | | 100% | ML | | | 4-5' Silt, I | Oark Brown, littl | e clay | 0.0 |
| 5 | | | | | ML | | | 5-6' Silt, E | Dark Brown, littl | e sand | |
| | | | | | | | | / 01 01h T | 5. d. D 1941 | l | |
| 6 | | | | | ML | | | 6-8° SH, 1 | Dark Brown, littl | e ciay | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 8 | - | | | | ML/G | P | | 8-10' Sil | t with gravel, Br | rown | 00 |
| 9 | | | | | | | | | | | |
| 10 | D22-C | 9.5-1 | 0.0' | | ML | | | 10- | 12' Silt, mottled | | |
| | | 7.5 . | 0.0 | | | | Ì | | , | | |
| 11 | - | | | | | | | | | | |
| 12 | | | | | | | | End | d of Exploration | | |
| 12 | 1 | | | | | | } | | | | |
| 13 | | | | | | | 1 | | | | |
| 14 | + | | | | | | | | | | |
| | | | | - | | | | | | | |
| 15 | + | | | | | | | | | | |
| 16 | | | | | | |] | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe Rig | | | SURFA | CE ELEVATIO | N: | |
| TEMPORA | ARY WEL | L INST | ALLEI | D: | Yes | | | START | DATE: | 10/12/2007 | |
| RISER FR | OM: | NA . | TO: | NA SCREE | N FROM: | 9.5 | 5' TO: 14.5 | S' END D | ATE: | 10/12/2007 | |
| OTES: | | | | | | | | | | | |
| PID me | easuremen measured ot applicab | from g | | n 6" intervals urface | | | | | | | |

| | | - | | В | ORING | LOG | } | _ | | BORIN | G NUMBI | ER: P14-D19 |
|-----------------|----------------------------------|---------|------------|--------------------------|--|------|-----------------|----------|-------------------------------|------------------|-------------|----------------|
| SHAW | ENV | /TRO | ONN | ENTAL & | PROJE | CT: | US Army BRAC | Ž005 | Site Investigation | JOB NUM | BER: | 124976 |
| | | | | TURE | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | FIELD RE | P: R.McCom | nick |
| | , | | | SAMPLER | CASING | C | ORE BARREL | L | DEPTH | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA | TE 10/15/07' | | | |
| | ER WEIG | | | NA NA | | | | Gro | oundwater Depth (feet): | | 7.5' | |
| HAMI | MEK FA | | I. IPLE | NA | | | | <u>-</u> | | | | _ |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | · : : | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | D19-A | 0-0 | 5' | 100% | SM/G | P | | 0- | 1' Sand and Silt with gravel | Brown | | 0.0 |
| 1 | DI)-K | 0-0 | | | | | 1 | | 1-1.5' concrete | | | 0.0 |
| 2 | D19-B | 1.5-2 | ים כ | | SW | | | 1. | .5-3' Sand with gravel,Olive | Brown | | 0.0 |
| | D.17 B | 1.5- | 2.0 | | | | , | | | | | 0.0 |
| 3 | - | | | | SP | | 3- | 4' Sa | nd, Brown Red/Green, trace | silt, mottled | | |
| 4 | | | | | | | 1 | | · · | | | |
| 4 | ļ | 1 | | 100% | SP | | 4-6. | 5' Sa | and, Olive Green/Light Brow | n, little gravel | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | · | | | | | |
| | | | | | SM | | 4-6.5' \$ | and | and Silt, Light Grey/Orange | , trace clay, m | oist | |
| 7 | D19-C | 7-7 | 5' | | SP SP | | 7-8' | Sand | l, Orange Brown, little grave | l,trace silt, we | ! | |
| 8 | | | | _ | | | | | End of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | - | | | | - | | | | | | | |
| 1, | | | | | | | | | | | | |
| 11 | | - | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 13 | <u> </u> | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | ļ |
| 16 | - | | | | | | | | | | | |
| DRILLING | RIG TY | PE- | Tn | - ick-mounted Geop | rohe Rig | | | П | SURFACE ELEVATION | J. | | |
| TEMPORA | | | | - | No | | | | START DATE: | 10/15/2007 | i | |
| RISER FRO | | NA NA | TO: | NA SCREEN | | NA | . TO: NA | | END DATE: | 10/15/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| PID mea | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING | COG | | <u> </u> | | BORING NUMB | ER: P14-D20 |
|-----------------|-------------|--------|------------|---------------------------|--|-------|-----------------|-------------------------|-------------|---------------------|----------------|
| SHAW | ENV | /IRC | NN | IENTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site Investigation | | JOB NUMBER: | 124976 |
| | | | | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: USACE | |
| | | | | | CONTR | , ctc | ND. TWO | | | DRILLER: Frank Ac | ccorsi |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD REP: K. Gerde | es |
| | | | | SAMPLER | CASING | С | ORE BARREL | | ЕРТН О | F GROUNDWATER . | |
| | YPE (ID) | | Geop | robe MacroCore | | | | DATE 10/12/07' | | | |
| HAMME | R WEIC | | | NA | | | | Groundwater Depth (fee | et): | 9.5' | |
| HAMN | IER FAI | | | NA | | ١ | | | | | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Syn | ıbo! | | DESCRIPTION OF M | | ALS | PID ppm |
| 0 | | - 0.0 | <i>c</i> 1 | 100% | ML | | | 0-4' Sandy Silt | , Brown | | 0.0 |
| 1 | D20-A | 0-0. | .5 | | | _ | | | | | 0.0 |
| 2 | D20-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | | 1000/ | ML | | | 4-8' Sandy Silt, Bro | um little | nlav | 0.0 |
| 4 | | | | 100% | IVIL | | | 4-8 Sandy Sitt, Die | wii, iittic | ciay | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 8 8 | | | - | | ML | | | 8-10' Silt, Gre | y/Brown | | 0.0 |
| 9 | | | | | - | | | | | | |
| 10 | D20-C | 9-9 | .5' | | SM | | | 10-12' Sandy Si | lt Brown | | |
| | | | | | Sivi | | | 10 12 Juney 52 | , 210 | | |
| 11 | _ | | | | | | | | | | |
| 12 | | | | | | | | End of Explo | oration | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 16 DRILLING | RIG TV | PE: | Tr | uck-mounted Geo | probe Rig | | <u> </u> | SURFACE ELE | VATION: | | <u> </u> |
| TEMPORAL | | | | | Yes | | | START DATE: | | 10/12/2007 | |
| RISER FRO | | NA NA | TO: | NA SCREE | | 9' | TO: 13' | END DATE: | | 10/12/2007 | |
| NOTES: | | _ | | | | | | <u> </u> | | T . | |
| | neasured | from g | | n 6" intervals surface | | | | | | | |

| | | | | | | ODING | T. O.C. | | | | | BORING | NUMBEI | R: |
|----------|----------------|----------------------------------|----------|---------------|----------------------|--------------|---------|----------|--------|------|--|------------------------|------------|-------------|
| | | | | | | ORING | | | BRAC 2 | 2005 | Site Investigation | JOB NUMBEI | 1 | 124976 |
| | | V ENV NFRA | | | ENTAL & | LOCAT | TION: | | | | FTMM, NJ | | USACE | |
| | | | | | | CONTI | RACTO | R: TV | /S | | | DRILLER: FIELD REP: | Frank Acco | |
| | | | | SA | MPLER | CASING | C | ORE BARI | REL | | ДЕРТН С | F GROUNDWA | TER | • |
| | | TYPE | | Geopro | be MacroCore | | | | | DA | TE 10/15/07' | | | |
| | | IZE (ID) IER WEIG | cur | | 2" NA | | 1 | | | G | oundwater Depth (feet): | | .0' | ļ |
| | | MER FA | | | NA NA | | 1- | | | 310 | dindwater Depth (reet): | | .0 | + |
| | | | SAM | IPLE | | | _ | | | | · · · · · · · · · · · · · · · · · · · | | | i |
| | DEPTH | No. | DEP | | REC | USC Syr | nbol | | | DE | SCRIPTION OF MATERL | ALS | | PID |
| | (feet) | + | <u> </u> | <u> </u> | ***** | 0) ((0) | | | | 11.0 | 1 1 005 7 1 5 5 7 | | | ppm |
| | 0 | D21-A | 0-0. | 5' | 100% | SM/G | ır_ | | 0- | 1 5 | and and Silt, Light Brown, tra | ice gravei | | 0.0 |
| | 1 | DZI-K | J - 0-0. | | | | | | | | 1-2' asphalt | | | 0.0 |
| | | | | | | - | | | | | | | | |
| | 2 | D21-B | 1.5-2 | 2.0' | | SP | | | | | 2-2.5' Sand, Light Brown 2.5-3' asphalt | | | 0.0 |
| | 3 | | | | | SM | | | | | 3-4' Silt with sand, Olive Bro | wn | | |
| | | | | | - | | | | | | | | | |
| | 4 | | | - | 100% | ML | | | - | 1 6 | 5' Clay with sand, Dark Green | maist | | 0.0 |
| | 4 | | | | 100% | MIL | | | | 4-0 | Clay with saile, Dark Green | , moist | | 0.0 |
| | 5 | | | | | | | | | | | | | |
| | | | | | | C) / | | | | , | 9! Sand and Clay Doub Cross | | | |
| | 6 | | | | <u> </u> | SM | | | | 0- | -8' Sand and Clay, Dark Gree | i, wei | | |
| ر که در | 7 | D21-C | 6.5-7 | 7.0' | | | | ı | | | | | | |
| } | | | | | | _ | | | | | P 1 0P 1 1 | | | |
| <i>*</i> | 8 | | | - | | - | - | | | | End of Exploration | | | ł |
| | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | |
| | 10 | | | | | - | | | | | | | | |
| | -10 | | | | | - | | | | | | | | - |
| | 11 | | | | | | | | | | | | | |
| | 12 | + | | -+ | | - | | | | | | | | |
| | 12 | + | | $\overline{}$ | | + | | | | | | | | 1 |
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| | 13 | | ļ | | | - | | | | | | | | ļ |
| | 14 | + | | + | · · | + | | | | | | | | |
| | | | | | | | | | | | | | | |
| | 15 | | , | | | | | | | | | | | |
| | 16 | + | - | | | | | | | | | | | |
| | 1 | | | | | | | l | | | | | | |
| | DRILLING | G RIG TY | PE: | Truc | k-mounted Geor | robe Rig | | | | 1 | SURFACE ELEVATION | | | |
| | TEMPOR | ARY WEL | LL INST | ALLED: | | No | | | | | START DATE: | 10/15/2007 | | |
| | RISER FR | OM: | NA | TO: | NA SCREET | N FROM: | NA | то: | NA | | END DATE: | 10/15/2007 | | |
| | | | | | JORDDI | | | | | | | 1 | | |
| | NOTES: | | | | | | | | | | | | | |
| | Depths | easurements measured of applicab | from gr | | 5" intervals face | | | | | | | | | |
| | | | | | | | | | | | | | | |

BORING NUMBER: **BORING LOG** P14-D22 PROJECT: JOB NUMBER: US Army BRAC 2005 Site Investigation 124976 **SHAW ENVIRONMENTAL &** CLIENT: USACE INFRASTRUCTURE LOCATION: Charles Woods Area, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K. Gerdes DEPTH OF GROUNDWATER SAMPLER CASING CORE BARREL TYPE Geoprobe MacroCore DATE 10/12/07' SIZE (ID) HAMMER WEIGHT 5.5' NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE DEPTH REC USC Symbol DESCRIPTION OF MATERIALS PID (feet) 100% SP/GW 0-0.5' Sand and Gravel, Dark Brown D22-A 0-0.5' 0.0 0.5-1' Asphalt SP 1-2' Sand, Brown D22-B 1.5-2.0' SP 2-3' Sand, Dark Brown, little silt 0.0 3 ÇL 3-4' Silty Clay, Dark Brown/Grey 4 100% CL 4-6' Silty Clay, Grey 0.0 5 D22-C 5-5.5' ML 6-8' Clayey Silt, Grey 6 7 End of Exploration 8 9 10 11 12 12 13 14 15 16 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig TEMPORARY WELL INSTALLED: START DATE: 10/12/2007 Yes RISER FROM: NA TO: NA SCREEN FROM: END DATE: 10/12/2007 5' TO: 10' NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | E | ORING | LOC | Ç | | | | | BORING | G NUMBI | ER: P14-E1 |
|---------------------|--------------------|----------|------|---|--------------|------|-----------------|-----------|----------|---------------|---------|---------------------------------------|------------|---------------|
| SHAW | EN | ZTR C | INN | TENTAL & | PROJE | CT: | US Army BRAC | 2005 Site | Investi | gation | | JOB NUM | BER: | 124976 |
| | | | | TURE | | | | | | | | CLIENT: | USACE | l |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMI | M, NJ | | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | | | DRILLER | Frank Ac | corsi |
| | | | | | | | | | | | | FIELD RE | P: R. McCo | rmick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | | тн о | F GROUND | WATER _ | |
| SIZ | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | w-w | | 10/1/0 | | | | | |
| HAMMI HAMN | ER WEIG MER FAI | | | NA NA | | | | Groundw | ater De | epth (feet): | - | | 8.0' | |
| | | SAN | PLE | | | _ | | | | | | | | T |
| (feet) | No. | DEP | TH | REC | USC Syr | nbol | | | | N OF MA | | | | PID ppm |
| 0 | El-A | 0-0. | 5' | 100% | SM | | | 0-3' \$ | Sand wi | ith silt, Lig | ht Brov | wn | | 0.0 |
| 1 | | | | | | _ | | | | | | | | |
| 2 | E1-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | SM | | | 3- | 4' Silty | sand, Oliv | e Grey | | | |
| 4 | | | | | _ | | | | | | | | | |
| 4 | | - | | 100%_ | SM | | | 4- | 7' Silty | sand, Darl | Grey | | | 0.0 |
| 5 | | | | | - | | | | | | | | | |
| 6 | | | — | | - | | | | | | | | | <u> </u> |
| 7 | | | | | ML | | | 7-8' San | du Silt | Olive Brov | wn/Gre | n wet | | |
| | 21.0 | | | - · · · · · · · · · · · · · · · · · · · | 1112 | | | 7-0 0411 | | | | , , , , , , , , , , , , , , , , , , , | | |
| 8 | E1-C | 7.5-8 | 3.0" | | <u> </u> | | | | End o | of Explorat | ion | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | ı | <u> </u> | | L | | | i | т | | <u> </u> | | | | |
| DRILLING | | | | uck-mounted Geop | | | | | | E ELEVA | TION: | | | |
| TEMPORA | | | | | No | | | | TARTE | | _ | 10/1/2007 | | |
| RISER FRO | M: | NA . | TO: | NA SCREE | N FROM: | NA | TO: NA | EN | ND DA | 1 E: | | 0/1/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths r | | | | n 6" intervals urface | | | | | | | | | | |
| NA=not | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | <u>_</u> |

| - | | | | В | ORING | LO | | | | BORING NUMBI | ER: P14-E2 |
|-------------------------------|--|------------|------------|----------------------------|----------|----------------|--------------|--------------------|--------------------|---------------------------|---------------|
| | | | | TENTAL & | | ECT: TION: | US Army BRAC | | igation | JOB NUMBER: CLIENT: USAGE | 124976 |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER: Frank Acc | corsi |
| | | | | | | _ | | | | FIELD REP: R. McCor | mick |
| 1 | ГҮРЕ | | | SAMPLER brobe MacroCore | CASING | ' | CORE BARREL | DATE 10/1/0 | | OF GROUNDWATER | |
| SI | ZE (ID) | GHT | | 2" NA | | 1 | | Groundwater D | | 10.0' | |
| | MER FA | LL | | NA NA | | | | Groundwater E | Cpui (icci). | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USC Sy | mbol | 1 | DESCRIPTIO | N OF MATER | IALS | PID ppm |
| 0 | F2 4 | | <u>.</u> | 100% | SN | ı | | 0-3.5' Sand | with silt, Light l | Brown | |
| 1 | E2-A | 0-0. | .5' | | | | | | | | 0.0 |
| 2 | E2-B | 1.5-2 | 2.0' | | <u> </u> | | | | | | 0.0 |
| 3 | | | | | | | - | | | | |
| 4 | ļ | | | | M | · | 3. | 5-4' Silt, Olive C | ireen/Red Brow | n, little sand | |
| 4 | | - | | 100% | M | | | 4-7' Silt, Dar | k Grey,little san | d; clay | 0.0 |
| 5 | | | | - | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | SI | | | | ve Brown, little | | |
| 8_ | | | | | SN | [| | | Sand, Olive Bro | | |
| 8 | | | | 100% | SN | <u> </u> | | 8-9' Clayey Sa | and, Olive Brow | n, moist | 0.0 |
| 9 | | | | | SI | | 9-12' San | d, Olive Brown/ | Dark Grey, little | e clay,organics, wet | |
| 10 | E2-C | 9.5-1 | 0.0' | | - | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | End | of Exploration | | |
| 12 | | | | | | | | · · | | | |
| 13 | | | | | | |] | | | | |
| 14 | | | | | | | 1 | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | <u> </u> | - | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geopr | obe Rig | | | SURFAC | E ELEVATIO | V: | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: N | lo | | | START | DATE: | 10/1/2007 | |
| RISER FRO | M: | NA | то: | NA SCREEN | FROM: | N/ | TO: NA | END DA | TE: | 10/1/2007 | |
| OTES: | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gro | | n 6" intervals urface | | | | | | | |

| | | | | F | BORING | LOG | ; | | BORING NUMBE | R: P14-E3 |
|-------------------------------|----------------|-----------|------------|--------------------------|-----------|-------|-----------------|----------------------------------|-----------------------------|--------------|
| SHAW | ENV | VIRC |) NN | TENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | CLIENT: USACE | |
| | | | | , | | | | | DRILLER: Frank Acco | rsi |
| | | | | | CONTR | RACTO | OR: TVS | | FIELD REP: R. McCorn | nick |
| | | | | SAMPLER | CASING | 7 | ORE BARREL | DEPTH | OF GROUNDWATER | |
| | YPE ZE (ID) | | Geop | orobe MacroCore 2" | | - | | DATE 10/1/07' | | ļ |
| HAMMI | | GHT | | NA NA | | | | Groundwater Depth (feet): | 10.0' | |
| HAMN | MER FA | | | NA | | L | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION OF MATER | RIALS | PID ppm |
| 0 | | | | 100% | SM | | | 0-2' Sand with silt, Light E | Frown | |
| 1 | E3-A | 0-0. | .5' | | | | | • | | 0.0 |
| 2 | E3-B | 1.5-2 | 2.0' | | | | 25 # 61 | 2-2.5' Crushed asphal | | 0.0 |
| 3 | | | | ļ . | SM | | 2.5-4 Clayey | Sand, Olive Green/Grey/Orang | e Brown, little silt, moist | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-6.5' Clayey | Sand, Olive Green/Grey/Orang | Brown, little silt, moist | 0.0 |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| | | | | | SP | | | 6.5-7.5' Sand, Yellow Brown/F | led, moist | |
| _7 | | | | | CL | | 7.5- | 8' Clay, Olive Green/Orange, tr | ace sand,moist | |
| 8 | | | | 100% | SM | | | 3-12' Sand with silt, Olive Grey | /Black, wet | 0.0 |
| | | | | | | | | | , | |
| 9 | | | | | | | l I | | | |
| 10 | E3-C | 9.5-1 | 0.0 | _ | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | End of Exploration | · | |
| 12 | | <u> </u> | | <u></u> | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| DRILLING | RIG TV | PE: | Tr | uck-mounted Geo | probe Rio | | • | SURFACE ELEVATIO | N: | • |
| TEMPORAL | | | | | No | | | START DATE: | 10/1/2007 | |
| RISER FRO | | NA NA | TO: | NA SCREE | | NA | A TO: NA | END DATE: | 10/1/2007 | , |
| NOTES: | - | | | | | | | | - | |
| PID mez Depths r NA=not | neasured | l from gr | | n 6" intervals urface | | | | | | |

| | | | | E | OR | ING I | LOG | } | | | BORING | 3 NUMBE | R: P14-E4 |
|-------------------------------|--------------|---------|-------------|----------------------------|---------------|---------|------|---------------|-------|----------------------------------|--|-------------|--------------|
| SHAW | ENV | VTRO |)NIV | TENTAL & | & | PROJEC | CT: | US Army BRAC | 20 | 05 Site Investigation | JOB NUMI | BER: | 124976 |
| | | | | TURE | ~ | LOCAT | ION: | Charles Woods | Area | a, FTMM, NJ | CLIENT: | USACE | |
| | | | | | | | | | | , | DRILLER: | Frank Acce | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | 1 | P: R. McCom | |
| - | | | | | | | | | _ | | LEDAG | - IC MCCOIN | |
| | TYPE | | | SAMPLER brobe MacroCore | CA | SING | C | ORE BARREL | l D | DEPTH C | F GROUND | WATER | |
| SIZ | ZE (ID) | | | 2" | | | | 7.7 | 1 | | | 10.01 | |
| HAMMI HAMN | MER FA | | | NA NA | | | | | 16 | roundwater Depth (feet): | | 10.0' | + |
| | | | IPLE | | | | | | _ | | | | T |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | | | | ESCRIPTION OF MATERL | | | PID ppm |
| 0 | E4-A | 0-0. | .5' | 100% | + | ML/GV | v | 0- | -1.5 | 'Silt, Light Brown, little sand, | trace gravel | | 0.0 |
| 1 | | | | | | CL | | 1 5.2' 5 | ile. | Clay, Olive Grey Green/Light | Brown little e | and | |
| 2 | E4-B | 1.5-2 | 2.0' | | \pm | | | | - | | | | 0.0 |
| 3 | | | | | | SM | | 3-4' | San | d with silt, Dark Grey/Olive,tra | ice clay, moist | | |
| 4 | | | | | = | | | | | | | | |
| . 4 | | | , | 100% | | CL | | | | 4-5.5' Silty Clay, Olive Gre | en | | 0.0 |
| 5 | | | | | + | | | | | | | | |
| 6 | | | | | - - | CL | | 5.5 | -8' (| Clayey Silt, Olive Grey/Orange | Brown,moist | | |
| | | | | | | | | | | | | | |
| 7 | | | | | | · CL | | 7.5 | -8' | Clay, Olive Green/Orange, trac | e sand,moist | | |
| 8 | - | | | 100% | 1 | CL | | | | Clay, Olive Brown/Grey, little | | | 0.0 |
| | | | | 100/8 | 1 | | | ` | | | | | 0.0 |
| 9 | | | - | | _ | SM | | | | 9-12' Sand with clay, Dark Gre | y, wet | | |
| 10 | E4-C | 9.5-1 | 0.0' | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | + | | | | | End of Exploration | | | |
| 12 | | | | | $\neg \vdash$ | | | | | | | | |
| 13 | 二 | | | | | | | | | | | | |
| 14 | | | | | 上 | | | | | | | | |
| 15 | - | | | | - - | | | | | | | | |
| 16 | | | | | \perp | | | | | | | | |
| DRILLING | RIG TV | bE· | T- | uck-mounted Geoj | nrobe i | Ria | | 1 | | SURFACE ELEVATION | | | - |
| TEMPORAL | | | | | No | ^~5 | | | | START DATE: | 10/1/2007 | | |
| RISER FRO | | NA | TO: | na screei | | OM: | NA | . TO: NA | | | 10/1/2007 | | |
| NOTES: | | | | | | _ | | | | 1 | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | P | BORING | LOG | } | | BORING NUMBE | R: P14-E5 |
|-----------------|----------------------------------|-----------|------|---------------------------|-----------|--------------|--------------|-------------------------------|---------------------------|--------------|
| | | | | IENTAL & | & PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | | | | | DRILLER: Frank Acco | orsi |
| | | | | | CONTI | RACTO | OR: TVS | , | FIELD REP: R. McCorn | nick |
| | | | | SAMPLER | CASING | c | ORE BARREL | | I OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/1/07' | | |
| HAMMI | | | | NA NA | | | | Groundwater Depth (feet): | 8.5' | |
| HAMI | MER FA | - | IPLE | NA | | _ | | <u> </u> | <u> </u> | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DESCRIPTION OF MATE | RIALS | PID ppm |
| 0 | E5-A | 0-0. | £1 | 100% | ML/G | w | | 0-2' Sandy Silt, Light Brown, | race gravel | 0.0 |
| 1 | EJ-A | 0-0. | ر. | | | | | | | 0.0 |
| 2 | E5-B | 1.5-2 | 2.0' | | CL | | 2-4' Silt | y Clay, Olive Grey Green/Ligh | t Brown, little sand | 0.0 |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | SW | | 4-6.5' San | d with silt, Olive Green/Dark | Grey,little gravel; clay | 0.0 |
| 5 | _ | | | | | | | | | |
| 6 | | | | | ML | | | 6.5-7.5' Clay with sand, Oli | ve Green | , |
| 7 | | | | | | | g 5 01 g . 1 | | , | |
| - 8 | | | | | SM | | 7.5-8' Sand | with silt, Yellow Brown/Olive | | |
| 8 | E5-C | 8-8 | .5' | 100% | CL | | | 8-10' Sandy Clay, Olive Br | own, wet | 0.0 |
| 9 | - | | | | | | | | | |
| 10 | | | | - | SM | | | 10-12' Sand with silt, Dark | Grey, wet | |
| 11 | | | | | _ | | | | • | |
| 12 | | | _ | | | | | End of Exploration | | - |
| 12 | | | | | | | | | | |
| 13 | <u> </u> | | | | | | | | ı | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | <u> </u> | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFACE ELEVATION | ON: | , |
| TEMPORA | | | | | No | | | START DATE: | 10/1/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | . 10/1/2007 | |
| NOTES: | | | | | | | | | | , |
| Depths 1 | asuremer measured applicat | l from gr | | n 6" intervals aurface | | | | | · | ı |

| | | | | I | BORING | LOC | } | | BORING N | UMBER: P14-E6 |
|-------------------------------|-----------------|---------|-------|--------------------------|-----------|--|-----------------|-------------------------------------|------------------|------------------|
| SHAW | EN | VIRO | NN | ÆNTAL | & PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | |
| IN | IFRA | ASTR | UC | TURE | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | CLIENT: U | SACE |
| | | | | | CONTR | ACTO | OR: TVS | | DRILLER: F | rank Accorsi |
| | | | | <u>:</u> | CONTR | ист | JR: 1V3 | | FIELD REP: R | . McCormick |
| | | | | SAMPLER | CASING | | CORE BARREL | | F GROUNDWAT | TER |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | DATE 10/1/07' | | |
| HAMMI | ER WEIG | | | NA NA | | | | Groundwater Depth (feet): | 8.0' | |
| HAMIN - | VIER FA | | PLE | NA | | L | | | | |
| DEPTH (feet) | No. | DEP | | REC . | USC Syn | | | DESCRIPTION OF MATERI | | PID ppm |
| 0 | E6-A | 0-0. | .5' | 100% | SM/G | V | 0-: | 2.5' Silt and Sand, Light Brown, t | race gravel | 0.0 |
| 1 . | | | | | | | | | | |
| 2 | E6-B | 1.5-2 | 2.0' | | | | | | | 0.0 |
| 3 | | | | | CL | | 2.5-4. (| Clay with sand, Olive Grey Green | Orange Brown | <u> </u> |
| 4 | | | | - | | | | | | |
| 4 | | | | 100% | SM | | 4-7' S | and with silt, Olive Green/Dark (| Grey,little clay | 0.0 |
| 5 | | | | | | | | | | |
| 6 . | | | | | | | | | | |
| 7 . | | | | | CL | | 7-8' Cla | y with sand, Olive Green, little fi | ne gravel, moist | |
| 8 ' | E6-C | 7.5-8 | 3.0' | | _ | | | | | |
| 8 | , | | | 100% | SM | | | 8-9' Sand and Silt, Olive Brow | n, wet | 0.0 |
| 9 | | | | | | | , | | | |
| 10 | | | | | SM | | | 9-12' Sand and Silt, Dark Grey | , wet | |
| 11 | | | | | | | | | | |
| 12 | | | | | 4 | | | End of Exploration | ·· | |
| 13 | _ | | | - | | | | | | |
| | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | <u> </u> | - | | - | | - | | | | |
| 16 | | Ì | | | <u> </u> | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geog | orobe Rig | | | SURFACE ELEVATION: | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | 10/1/2007 | |
| RISER FRO | M: | NA | TO: | . NA SCREE | N FROM: | NA | TO: NA | END DATE: | 10/1/2007 | |
| NOTES: | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | 1 6" intervals urface | | | | | : | |

| | | | | | ORING | LOG | | | | BORIN | G NUMBE | CR: P14-E7 |
|-----------------|----------------------------------|---------|-------|--------------------------|---------------|----------|-----------------|-------------------------|------------------------------------|------------------|--------------|---------------|
| SHAW | / ENV | ЛRC | NN | IENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUM | BER: | 124976 |
| | | | | TURE | | | | | | CLIENT: | USACE | |
| _ | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | Frank Acc | orsi |
| | | | | | ŀ | | | | | FIELD RE | P: R. McCorr | nick |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geor | robe MacroCore 2" | · | - | | DATE 10/1/ | 07 <u>'</u> | | - | |
| | ER WEIG MER FAI | | | NA NA | | | | Groundwater I | Depth (feet): | | 6.0' | |
| , | | SAN | IPLE | | | | | <u> </u> | | | ! | 1 |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | bol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | E7-A | 0-0. | 5' | 100% | SM/GV | V | 0 | -3' Silt and San | d with gravel, Li | ght Brownl | | 0.0 |
| 1 | | | | | | | | | | | | 0.0 |
| 2 | Е7-В | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | CL | | 3-4' Clay with | sand, Olive G | rey Green/Orang | e Red Brown, 1 | nottling | |
| 4 | | | | | - | - | | | | | | |
| 4 . | | | | 100% | CL | | | 4-5.5' Clay with | sand, Olive Gre | en, moist | | 0.0 |
| 5 | 70.0 | | | | | | | | | | | |
| 6 | E7-C | 5.5-6 | 5.0" | | SP | | 5.5-7' Sand, | Olive Green/Da | ark Grey, little ci | ay,trace gravel | , moist | |
| 7 | | | | | SM | | 7-7.5' S | and with silt, Ye | ellow Brown, tra | ce fine gravel,v | vet | |
| 8 | | | | | CL/SI | <u> </u> | 7. | 5-8' Clayey Silt End | with sand, Olive of Exploration | Green, wet | | |
| 8 | | | | | - | | | | | | - | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| _11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | <u> </u> | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | - | | | | | | | | |
| 16 | | _ | | | | _ | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ck-mounted Geor | robe Rig | | | SURFAC | CE ELEVATION | 1: | _ | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START | DATE: | 10/1/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | N FROM: | NA | TO: NA | END DA | TE: | 10/1/2007 | | |
| NOTES: | - | | | - | | | | | | | | |
| Depths r | nsuremen neasured applicab | from gr | | a 6" intervals urface | | | | | | | | |

| | | | |] | BOE | RING I | COG | ; | | | BORIN | G NUMBE | R: P14-E8 |
|-------------------------------|-----------------|------------|------------|--------------------------|---------|---------|------|-----------------|------------------|--------------------|----------------|-------------------------------------|--------------|
| | | | | TENTAL O | & | PROJEC | | US Army BRAC | | | JOB NUM | | 124976 |
| | | | | | | LOCAT | ion: | Charles Woods A | ea, FTMM, N | J | DRILLE | R: Frank Acco | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD R | EP: R. McCom | nick |
| | | | | SAMPLER | C | ASING | C | ORE BARREL | | DEPTI | I OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | _ | | | | DATE 10/1 | /07' | | | |
| HAMMI | | GHT | | NA NA | | | | | Groundwater | Depth (feet): | | 10.0' | |
| | MER FA | LL | | NA | | | | | | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | | USC Sym | bol | | DESCRIPTI | ON OF MATE | RIALS | | PID ppm |
| 0 | | | | 100% | | SM | | | 0-3.5' Sand wi | th silt, Light Bro | wn/White | | |
| 1 | E8-A | 0-0. | .5' | | 1 | | | | | | | | 0.0 |
| 2 | E8-B | 1.5-2 | 2.0' | - | - | | | | | | | | 0.0 |
| 3 | | | | | ユ | | | | | | | | |
| 4 | | | | | + | SM | | 3.5- | l' Silt with san | d, Light Brown, | coal fragments | 3 | - |
| 4 | | | | 100% | | SM/CI | , | 4-6.5' Silt a | nd Sand with o | lay, Olive Green | /Orange Brow | n, moist | 0.0 |
| 5 | | | | | 4 | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| | | | | | | SM | | | 6.5-8' Clayey | Sand, Olive Gro | en, moist | | |
| 7 | | | | | - - | | | | | | | | ļ |
| 8 | | | | | | | | <u> </u> | | | | | |
| 8 | | | | | - | ML | | | 8-12' Sandy S | ilt, Dark Olive | Green, wet | | 0.0 |
| 9 | | | | | | | | | | | | | |
| 10 | E7-C | 9.5-1 | 0.0' | | _ | | | | | | | | |
| 11 | | | | | \perp | | | | | | | | |
| 12 | - | | | | + | | | | For | d of Exploration | | | |
| 12 | | | | | | | | | 1311 | - vi Lapioration | | · · · · · · · · · · · · · · · · · · | |
| 13 | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | | | | + | | | | | | | | |
| 15 | | | | | 1 | | | | | | | | |
| 16 | | | | | 士 | | | | | | | | |
| DRILLING | RIG TY | PE; | Tr | uck-mounted Geo | probe | Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START | DATE: | 10/1/200 | 7 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | END D | ATE: | 10/1/2007 | | |
| NOTES: | | • | | | | | | | , | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | · | | | | | |

| | | | | I | 3 O] | RING I | LOG | 3 | | | BORIN | G NUMBI | E R: P14-E9 |
|-----------------|------------------------------------|--|------|--------------------------|--------------|----------|----------|-----------------|--------------------|--------------------|-----------------|--------------|-----------------------|
| SHAW | VEN | VIRO | ONN | ÆNTAL (| & | PROJEC | CT: | US Army BRAC | 2005 Site Inve | stigation | JOB NUM | BER: | 124976 |
| | | | | TURE | | LOCAT | ION- | Charles Woods A | rea FTMM N | 1 | CLIENT: | USACE | |
| | | | | | | LOCAT | ion. | Charles Woods A | rea, i Tivilvi, iv | ı | DRILLER | : Frank Acc | |
| | | | | | | CONTR | ACTO | OR: TVS | | | j | | |
| | | | , | | | <u> </u> | | | | | FIELD RE | EP: R. McCor | mick |
| | TUDE | | | SAMPLER | C | ASING | (| ORE BARREL | D.1 | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | | DATE 10/1 | 707 | | | |
| HAMM | ER WEI | GHT | 1 | NA | | | | | Groundwater | Depth (feet): | | 6.0' | 1 |
| HAM | MER FA | ĹĹ | | NA | | | | | | | | | |
| | 1 | | MPLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEF | тн | REC | \downarrow | USC Syn | bol | | | ON OF MATER | | | PID ppm |
| 0 | EQ. A | - | | 100% | - | SW | | 0-3' S | and with grave | I, Orange Brown | , coal fragment | s | |
| 1 | E9-A | 0-0 | 1.3 | | | | | • | | | | | 0.0 |
| - | 1 | <u> </u> | | | _ | | | | | | | | |
| 2 | E9-B | 1.5- | 2.0' | | 4 | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | - |
| | | | | | | SM/M | <u>ل</u> | 3-4' Sa | nd and clay w | ith silt, Orange B | rown/Olive Gr | ey | |
| 4 | | - | | 100% | + | CNA | | 4 (1 0:1 | | k Grey Olive/Or | | | |
| 4 | | | | 100% | \dashv | SM | | 4-6 511 | and Sand, Da | K Grey Olive/Or | ange, wet,mott | ing | 0.0 |
| 5 | 1 | | | | \dashv | • | | | | | | | |
| | | | | | | | | | | | | | |
| 6 | E9-C | 5.5- | 6.0' | | 4 | | | | | | | | |
| 7 | · | | | | + | SM | | 6-8' Sa | nd with silt, Da | rk Grey Olive/Y | ellow Brown, v | vet | |
| | 1 | | | <u> '</u> | \dashv | | | | | | | | |
| 8 | | | | | \exists | | | | En | d of Exploration | | | - |
| 8 | | ļ | | | \Box | | | | | | | | |
| 9 | 1 | ├ | | | _ | | | | | | | | |
| · · · · · · | + | | | | + | | | | | | | | — |
| 10 | | | | | 7 | | | | | | | | |
| | | | | | \Box | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | + | | | | - | | | | | | | | |
| 12 | i . | | | , | | | | | | | | | 1 |
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| 13 | 1 | - | | - | + | | | | | | | | |
| 14 | - | | | | ┰ | | | | | | | | 1 |
| | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | - - | | | | | | | | <u> </u> |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | nrobe | Rig | | | SURFA | CE ELEVATIO | N· | | |
| | | | | | | , rag | | | | | | | |
| TEMPORA | | | | | No | | | | START | DATE: | 10/1/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA — | TO: NA | END D | ATE: | 10/1/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremer measured t applical | l from g | | n 6" intervals urface | | | | | | | | | |

| | | ' | | | ORING | LOG | | | -·· ·· | BORING NUMBI | |
|-----------------|--|---------|-------|--------------------------|-----------------|----------|--------------|-------|---------------------------------|---------------------------|-------------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | 5 Site Investigation FTMM, NJ | JOB NUMBER: CLIENT: USACE | P14-E10 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Ac | corsi |
| | | | | | CONTR | MCIC | | | | FIELD REP: R. McCor | mick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | F GROUNDWATER | |
| | TYPE ZE (ID) | - | Geop | robe MacroCore 2" | | | | DΑ | ATE 10/2/07' | | - |
| | ER WEIG | | | NA NA | | | | Gr | oundwater Depth (feet): | 6.5' | |
| HAM | MER FA | | IPLE | NA | | _ | | _ | | | · |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | | | | SCRIPTION OF MATERIA | | PID ppm |
| | E10-A | 0-0 | .5' | 100% | SM/G | <i>N</i> | 0- | 2.5 | Silt and Sand with gravel, Lig | ght Brown | 0.0 |
| 11 | | | | | 1 . | | | | | | |
| 2 | E10-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | SM | | | 2.5 | i-4' Sand with silt, Brown/Oliv | re Grey | |
| | | | | | | | | | | | |
| 4 | | | _ | 100% | SM | | | 1-5 | 5' Silty sand, Olive Grey/Brow | vn moist | 0.0 |
| | | - | | | | | | | ,,,,, | , | |
| 5 | | | | | SM | | 5.5- | 8' S: | and with silt, Dark Grey/Olive | Brown, wet | |
| 6 | | | | | 1.2 | | | | ,·, | , | |
| 7 | E10-C | 6-6 | .5' | | | | | | | | |
| _ | | | | | | | | | Pod «CPooleonies | | |
| 8 | | | | | | | ···· | | End of Exploration | | |
| 9 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 10 | | | | | | | | | | | <u></u> |
| 11 | | | | | | | | | | | |
| 12 | | | | | - | - | | | | | |
| 12 | <u> </u> | | | | · | | | | - | | |
| 13 | \vdash | | | | | | | | • | | |
| 14 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 15 | | | | | _ | | | | | | - |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geoj | orobe Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | START DATE: | 10/2/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | | END DATE: | 10/2/2007 | |
| NOTES: | | | | | | | <u> </u> | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| - | | | | E | ORIN | IG L | OG | | | | | · · | | BORING | S NUMBI | ER: P14-E11 |
|-------------------------------|----------------|---------|------------|--------------------------|-----------|----------|-----------|------------|--------|----------------|-------|-----------------|------------------|------------|------------|----------------|
| SHAW | ENV | VIRC | NN | IENTAL | & PR | OJEC. | Γ: | U\$ Army B | RAC 2 | :005 Site Inv | estig | ation | | JOB NUMÍ | BER: | 124976 |
| IN | IFRA | STR | UC | TURE | ro | CATIO | ON: | Charles Wo | ods Ar | ea, FTMM, ì | NJ | | | CLIENT: | USACE | |
| | | | | | | | | | | | | | ı | DRILLER: | Frank Ac | corsi |
| | | | | | Co | NTRA | CTO | R: TVS | | | | | | FIELD RE | P: R. McCo | mick |
| | | | | SAMPLER | CASIN | NG | C | ORE BARRE | L | | | | н оғ | GROUND | WATER | |
| | YPE ZE (ID) | | Geop | probe MacroCore 2" | | | | | | DATE 10 | /15/0 | 7' | _ | | | |
| HAMMI | ER WEI | | | NA | | | | | | Groundwate | r De | pth (feet): | | | 8.0' | |
| HAMN | IER FA | | | NA | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC | C Symb | ol | | | DESCRIPT | TON | OF MATE | RIA | LS | | PID ppm |
| 0 | | | | 100% | S | M/GP | | | | 0-2.5' Silt at | nd Sa | and with grav | vel, B | rown | | |
| 1 | E11-A | 0-0. | .5' | | - | | | | | | | | | | | 0.0 |
| 2 | E11-B | 1.5-2 | 2.0' | | | SP | = | | | | 2-4' | Sand, Tan | | | | 0.0 |
| 3 | | | | | - | | _ | | | | | | | | | |
| 4 | | | | ***** | | <u> </u> | | | | 1000 | | m 15-1 11 | | | | |
| 4 | | | _ | 100% | - | SP | \dashv | | | 4-7.5' Sz | and, | Fan, little sil | t, mo | ist | | 0.0 |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | = | | | | | | | | | |
| 7 | | | | | | SP | \equiv | | | 1 5 9! Cand T | Doele | Grey/Red, li | i el o si | ilt mat | | |
| 8 | E10-C | 7.5- | -81 | | | | | | | | | f Exploration | | iii, wei | | |
| . 8 | | | | | - | | \dashv | | | | | | | | | ļ |
| 9 | | | | | | | \exists | | | | | | | | | |
| 10 | | | | | | | \Box | | | | | | | | | |
| 11 | | | | | | | \dashv | | | | | | | | | <u> </u> |
| 12 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | _ | | | | | |
| 13 | <u> </u> | | | | + | | \dashv | | | | | | | | | - |
| | | | | | _ | | 二 | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | 1 | | 二 | | | | | | | | | |
| 16 | | | - | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | orobe Rig | | | | | SURF | ACE | ELEVATIO | ON: | | | |
| TEMPORA | RY WEI | L INST. | ALLE | D: | No | | | | | STAR | t D | ATE: | | 10/15/2007 | | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | | NA | TO: | NA | END | DAT | E: | 10/ | 15/2007 | | |
| NOTES: | | | | | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | | | |

| - | | | | В | ORING | LOG | - | | | BORING NUMB | ER: P14-F1 |
|-------------------------------|--|---------|------------|--------------------------|----------|-----------|-----------------|-----------|--|--------------------|---------------|
| SHAW | EN | VIRC | N | ŒNTAL & | PROJE | CT: | US Army BRAC | 2005 Sit | e Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | LOCAT | ION: | Charles Woods A | rea, FTM | им, nj | CLIENT: USACE, | |
| | | | | | CONTR | ACTO | R: TVS | | | DRILLER: Frank Ac | corsi |
| | | | | | | | | | | FIELD REP: R. McCo | rmick |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | F GROUNDWATER | |
| | TYPE ZE (ID) | | Geor | robe MacroCore 2" | | | | DATE | 10/3/07' | | |
| HAMM | ER WEI | | | NA | | | | Ground | lwater Depth (feet): | 7.0' | |
| HAM | MER FA | | (DI E | NA | | Щ, | | L | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCI | RIPTION OF MATERL | ALS | PID ppm |
| 0 | | | | 100% | SM/G | Р | 0-1' | Sand wit | h silt, Orange Red/Brown | , trace gravel | |
| 1 | FI-A | 0-0 | .5' | | ML | | | 1- | -2' Sandy Silt, Olive Brov | ⁄n | 0.0 |
| 2 | F1-B | 1.5-2 | 2.0' | | SM | _ | | 2-4 | ' Sand and Silt, Olive Bro | wn | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | | 1000/ | 1 | = | | | 07 OF 0 | | |
| 4 | | | | 100% | ML | \dashv | 4 | -5' Sandy | y Silt, Olive Green/ Oran | ge Brown | 0.0 |
| 5 | | | | | SP | \equiv | £ £ 016 | | 5.5' Sand lense, Red Oran h silt, Dark Grey/Olive, tr | | |
| 6 | | | | | SM | | 5,5-6 3 | sanu wiii | n siit, Dark Grey/Onve, tr | ace ciay, moist | |
| 7 | F1-C | 6.5-1 | 7.0' | | | | | | | | |
| 88 | i | | | 100% | CL | = | R_10 | n' Clay n | vith sand, Olive/Orange E | troug moist | 0.0 |
| 9 | | | | | | | 5.1 | o cay . | vini sairu, Olivo/Olinigo L | iowi, moist | 0.0 |
| 10 | | | | | OL | | 10 | -12' Sile | and Organics, Dark Grey | /Black wat | |
| 11 | | | | | - 02 | | | 12 OIK | and Organics, Dark Orey | Diack, WCC | |
| | | | | | _ | | | | | | |
| 12 | | | | | | \exists | - | | End of Exploration | · | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | - | | | | | · · · · · · |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | s | URFACE ELEVATION: | | |
| TEMPORAL | RY WEL | L INST | | | No | | | | START DATE: | 10/3/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | E | END DATE: | 10/3/2007 | |
| NOTES: | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | 1 6" intervals urface | | | | | | | |

| | | | | F | ORIN | G LOC | 3 | | | BORING NU | | : 14-F2 |
|-----------|------------------------------------|-----------|------------|--------------------------|-----------|----------|-----------------|---------------|--------------------------------|---|-----------|------------|
| CTYAXX | 7 107 201 | TID C | NATA . | FENTON A T | PRO | JECT: | US Army BRAC | 2005 | Site Investigation | JOB NUMBER: | | 24976 |
| | | | | IENTAL & TURE | X | | | | · | CLIENT: USA | ACE | |
| III | NEKA | 79 I R | UC | IUKE | roc | ATION: | Charles Woods A | rea, F | FTMM, NJ | 02.2 | | |
| | | | | | | | | | | DRILLER: Fra | nk Accors | i |
| | | | | | CON | TRACT | OR: TVS | | | FIELD REP: R. I | McCormic | :k |
| | - | | | SAMPLER | CASING | , | ORE BARREL | $\overline{}$ | DEPTH | OF GROUNDWATE | 7D | |
| | ГҮРЕ | | | robe MacroCore | CASING | <u> </u> | | DA7 | | OF GROUNDWATE | - I | |
| | ZE (ID) ER WEI | GHT | - | 2" NA | | - | | Gro | undwater Depth (feet): | 7.5' | | |
| HAMI | MER FA | | | NA | | | | 1 | | | | |
| DEPTH | No. | DEP | IPLE TH | REC | USC | Symbol | | DES | SCRIPTION OF MATER | IALS | | PID |
| (feet) | | | | 100% | SM | I/GP | 0-1' Sand v | with s | silt, Orange Red/Brown, trac | e gravel,coal fragmen | ts | ppm |
| 1 | F2-A | 0-0 | .5' | | | AL. | | 1-2' S | Silt, Olive Green, trace clay, | trace sand | ŀ | 0.0 |
| 2 | E2 D | , , , | . O' | | | | | | | | ļ | 0.0 |
| | F2-B | 1.5-2 | 2.0 | | | M | | 2 | 2-4' Sand with silt, Orange I | rown | ŀ | 0.0 |
| 3 | <u> </u> | | | | | | ļ | | | | ŀ | |
| 4 | | | | 1000/ | | | | 2.51.5 | G. A. M. Ch. Tr. JOIL D | | | |
| 4 | | | | 100% | 3 | M | 4 | -1.5 | Sand with silt, Tan/Olive B | own, moist | ŀ | 0.0 |
| 5 | - | | | | - | | } | | | | | |
| 6 | | | | | | | 1 | | | | ļ | |
| 7 | - | | | | - | | 1 | | | | H | |
| 8 | F2-C | 7-7 | .5' | | (| CL |] - | 7.5-8' | 'Clay, Olive Green, little sa | nd, moist | - [| |
| 8 | | | | 100% | | CL | 8-10 | 0' Cla | ay with sand, Olive/Orange | Brown, moist | | 0.0 |
| 9 | ╁ | | | | | | | | | | 1 | |
| 10 | | | | | , | OL | 10 | 12' 5 | Silt and Organics, Dark Gre | v/Rlack wet | - | |
| | 1 | | | | | |] | | | ,, 2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | · þ | |
| 11 | | | | | | | - | | | | ŀ | |
| 12 12 | | | | | | | <u> </u> | | End of Exploration | | | |
| | <u> </u> | | | | | | | | | | ļ | |
| 13 | | | | | | | | | | | ŀ | |
| 14 | | | | | _ | | | | | | F | |
| 15 | 1 | | | | | | | | | | ļ | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geo | probe Rig | | | | SURFACE ELEVATION | J: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START DATE: | 10/3/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREE | N FROM: | N/ | A TO: NA | | END DATE: | 10/3/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths : | asuremen measured t applicab | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING | LOC | | | | BORIN | G NUMBE | R: P14-F3 |
|-----------------|----------------------------------|---------|-----------|--------------------------|----------|--------|-------------|-------------------|------------------|----------------------------------|----------|----------------|
| | | | | TURE | LOC | TRACTO | | | igation | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 orsi |
| | | | | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUND | WATER _ | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/3/0 |) 7 ' | | _ | |
| | ER WEI | SHT | | NA NA | | | | Groundwater D | Pepth (feet): | | 6.0' | |
| HAMI | MER FA | | <u> </u> | NA | | | I | | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC S | ymbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | /GP | 0-1' Sand | vith silt, Orange | Red/Brown, trac | ce gravel,coal f | ragments | |
| 1 | F3-A | 0-0. | .5' | | S | М | | 1-2' Silt and | d Sand, Olive Br | own | | 0.0 |
| 2 | F3-B | 1.5-2 | 2.0' | | | L | | 2-4' Clay, Oliv | ve Green/Orange | Brown | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | 1000/ | | n | | 4.71 Cand Olio | e Brown, trace | alan, mat | | 0.0 |
| 4 | | | | 100% | 1 3 | Р | | 4-7 Sand, On | e Brown, trace t | day, wei | | 0.0 |
| 5 | | | | , | | | | | | | | |
| 6 | F3-C | 5.5-0 | 5.0' | | <u> </u> | | | | | | | |
| 7 | | | | | C | L | 10 | -12' Silt and Org | ganics, Dark Gre | y/Black, wet | | |
| 8 | | | | | | | | End | of Exploration | | | |
| 8 | | | - | | - | | 1 | | | | | |
| 9 | | | | | | |] | | | | | |
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| 12 | ļ | | | | - | | - | | | | | \vdash |
| 13 | 1 | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 1 | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFAC | CE ELEVATION | v : | | |
| TEMPORA | | | ALLEI | D: | No | | | START | DATE: | 10/3/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | A TO: NA | END DA | ATE: | 10/3/2007 | | |
| NOTES: | | | | | | _ | | | | | | |
| Depths | asuremen measured applicat | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | В | ORING | LOC | | | | - | | BORIN | G NUMBI | ER: P14-F4 |
|----------------------|----------------------------------|--------------|--------------|---------------|------------|------------------|-------|--------------|-------|-----------------|--------------|------------|------------------------|---------------|---------------|
| SHAW | ENV | | | | | ξ | JECT: | US Army BRAC | | | igation | - | JOB NUM CLIENT: | BER: USACE | 124976 . |
| | | | | | | | racto | | uca, | 1 1141141, 143 | | | DRILLER FIELD RE | : Frank Acc | |
| | | | | SAMPL | | CASING | | ORE BARREL | L | | DE | ртн о | F GROUNE | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | DA | TE 10/3/0 | 07' | | | - | |
| HAMM | ER WEIG | | | NA | | | | | Gro | oundwater D | epth (feet) |): | | 7.5' | |
| HAM | MER FAI | | IDI E | NA | 1 | | | | | | 1 | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | 1 | REC | USC 8 | ymbol | | DE | SCRIPTIO | ON OF MA | TERIA | ALS | | PID ppm |
| 0 | F4.4 | | E! | | 100% | SM | /GP | 0-1' Sand | with | silt, Orange | Red/Brow | n, trace | gravel,coal i | fragments | |
| 1 | F4-A | 0-0 | .5' | | | N | IL | | 1-2' | Silt, Olive C | Green, trace | e clay,tra | ace sand | | 0.0 |
| 2 | F4-B | 1.5-2 | 2.0' | | | S | М | | | 2-4' Sand w | ith silt, Or | ange Bro | own | | 0.0 |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | - | 100% | - - | L | 4.6.0 | lav (| Nive Green | Orange R | rown tr | ace sand, mo | ict | 0.0 |
| 5 | | | | | 10070 | | | | ,, . | J1170 G10011 | Olungo Di | , | ace saile, inc | | 0.0 |
| 6 | | | | | | | | | | | | | | | |
| | | | | | | ļ | | | | | | | | | |
| 7 8 | F4-C | 7-7 | .5' | | | 5 | P | 6-8 | San | | y/Olive Bro | | ce clay, wet | | |
| 8 | | | | | | | | | | Ellu | OI EXPIDIT | 1011 | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | ļ 1 | | | | | | | |
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| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | | | | | inted Geop | | | | | | CE ELEV | ATION: | | | |
| TEMPORA RISER FRO | | L INST NA | ALLEI TO: | | SCREEN | No I FROM: | N | A TO: NA | | START END DA | | , | 10/3/2007 10/3/2007 | | |
| NOTES: | | | | | | | | | | 2.10 07 | | | 1 | | |
| PID mea | asuremen measured applicab | from gr | | | rvals | | | | | | | | | | |

| | | | | | В | ORING | LOG | } | | | | BORING | G NUMBI | ER: P14-F5 |
|--------------------|---|----------|---------|----------|-----------|----------|-------|-------------|---------|-----------------|------------------|-------------------|-------------|---------------|
| SHAW | EN | ЛRC | INIV | ŒNT | 'AT. & | PROJ | ECT: | US Army BI | RAC 20 | 005 Site Invest | igation | JOB NUMI | BER: | 124976 |
| | IFRA | | | | | | TION | ol I w | | - FTMM NI | | CLIENT: | USACE | ļ |
| | | | | | | LOCA | TION: | Charles Woo | ods Are | a, FTMM, NJ | | | | |
| | | | • | | | CONT | RACTO | R: TVS | | | | DRILLER | | |
| | | | | | | | | | | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPL | | CASING | 0 | ORE BARREI | | NATE 10/2/6 | | OF GROUND | WATER | |
| | TYPE ZE (ID) | · | Geop | robe Ma | croCore | | + | | | DATE 10/3/0 | ,,, | | | |
| HAMM | ER WEIG | | | NA NA | | | | | | Groundwater D | epth (feet): | _ | 5.5' | |
| HAMI | VIER FA | | 1PLE | NA | | | | | | | | | | + - |
| DEPTH (feet) | No. | DEP | | I | REC | USC S | ymbol | | | | N OF MATER | ., | | PID ppm |
| 0 | F5-A | 0-0 | 51 | 1 | 00% | SM/ | GP | 0-2' S | and wi | th silt, Orange | Red/Brown, tra | ice gravel,coal f | ragments | 0.0 |
| 1 | 13-X | | | | | | | | | | | | | 0.0 |
| 2 | F5-B | 1.5- | 2.0' | | | S | Р | | 2-4' S | and with grave | el, Orange Brov | vn, stained soil | | 7.1 |
| 3 | | | _ | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | - | | | 1 | 00% | C | L | i I | | 4-5' Clay, | , Olive Green, n | noist | | 0.0 |
| 5 | F5-C | 5-5 | 51 | | | Si | И | | 5-8' | Clayey Sand, | Olive Green/O | range, moist | | |
| 6 | 13-0 | 3-3 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | • | | | |
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| 12 | | | | | | 1 | | | _ | End | of Exploration | | | |
| 12 | 1 | | | | | + | | | | + | | | | |
| 13 | - | | | | | | | | | | | | | |
| 14 | | | | | _ | - | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | 1 | | | | | | | • | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | 1 | No | | | | START | DATE: | 10/3/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: | NA | END DA | ATE: | 10/3/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths : NA=not | asuremer measured t applicat PHC ana | l from g | round s | | vals | | | | | | | | | |

| | | | |] | во | RING I | LOG | | | | | BORIN | G NUMB | ER: P14-F6 |
|-----------------|----------------------------------|--------|------|--------------------------|----------|---------|----------|------------|--------|-----------------|-----------------|---------------------|----------|---------------|
| | | | | IENTAL TURE | & | PROJEC | | - | | 005 Site Invest | igation | JOB NUM | IBER: | 124976 |
| | | | | | | CONTR | ACTO: | | | , , | | DRILLEF FIELD RI | Frank Ac | |
| | | | | SAMPLER | | CASING | C | ORE BARREL | | | | OF GROUN | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | ├ | | | | - | DATE 10/3/ | 07' | | - | |
| HAMM | ER WEI | | | NA | | | | | | Groundwater I | Depth (feet): | | 6.5' | |
| HAM | MER FA | | APLE | NA | <u> </u> | | — | | L | | ļ. <u></u> | <u> </u> | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | 1 | DESCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | EC. 1 | | | 100% | = | SM/GF | <u> </u> | 0-2.5 | ' Sand | with silt, Ora | nge Brown, trac | e gravel,coal fi | agments | |
| 1 | F6-A | 0-0 | 1.5' | | | | | | | | | | , | 0.0 |
| 2 | F6-B | 1.5- | 2.0' | | | | | | | 25.00 | DJ. OF G | | | 0.0 |
| 3 | | | | | _ | CL | | | | 2.5-4° Cla | y, Dark Olive G | reen | | |
| | · · | | | | _ | | | | | | | | | |
| 4 | <u> </u> | | | 100% | | SM | | | 4-8' | Sand with clay | , Dark Olive Gr | een/Grey, wet | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| | F6-C | 6-6 | .5' | | | | | | | | | | | |
| 7 | ļ | | | | 4 | | | | | | | | | |
| 8 | | | | ; | | | | | | End | of Exploration | | | |
| 8 | ├ | | | - : | _ | | | | | | | 4 | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | - | | | | | | | | | |
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| 12 | | | | | | | | | | | | | | ,-, |
| 13 | | | | | | | | | | | | | | |
| 14 | | | _ | - | | | | | | | | | | |
| 15 | <u> </u> | | | - | | | | | | | | | | |
| 16 | | | | | _ | | | | | | | | • | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Ge | prot | be Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | • | | | | START | DATE: | 10/3/2007 | • | , |
| RISER FRO | OM: | NA | TO: | NA SCREI | EN F | ROM: | NA | то: | NA | END DA | ATE: | 10/3/2007 | | |
| NOTES: | | | | · · · · | | | | · | | | | | , | |
| Depths : | asuremen measured applicab | from g | | n 6" intervals urface | | | | | | | | | | |

| 1 | | | | I | OR | ING I | oG | | | | BORING | G NUMBEI | R: P14-F7 |
|-------------------------------|----------------|----------|-------|--------------------------|---------|---------|----------|---------------|-------|------------------------------------|----------------|--------------|--------------|
| CHAW | ENI | лос | NTA/ | IENTAL o | ٥. | PROJEC | T: | US Army BRA | 200 | 05 Site Investigation | JOB NUM | | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woods | Area | ı, FTMM, NJ | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | | FIELD RE | P: R. McCorm | ick |
| <u> </u> | | | | SAMPLER | CA | SING | С | ORE BARREL | | | F GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | -12 | OATE 10/3/07' | | | |
| HAMMI | ER WEIG | | | NA | | | | | G | roundwater Depth (feet): | | 6.0' | |
| HAMI | MER FAI | | IPLE | NA | | | | | | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | Ţ | USC Sym | l | | | DESCRIPTION OF MATERIA | | | PID ppm |
| 0 | F7-A | 0-0 | 5' | 100% | | SM/GF | <u> </u> | (| -2' S | and with silt, Orange Red/Brow | n, trace grave | el | 0.0 |
| 1 | 1 /-A | 0-0 | | | == | | | | | | | | |
| 2 | F7-B | 1.5-2 | 2.0' | | - | ML | | | | 2-3' Sandy Silt, Olive Brow | n | | 0.0 |
| 3 | | | | | | ML | | | 3-4' | Clay with sand, Dark Olive Gre | en, moist | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | ╬ | SM | | 4-5 | ' Cla | yey Sand, Olive Green/Orange | Brown, mois | <u>l</u> | 0.0 |
| 5 | | | | | | SP | | | | 5-8' Sand, Dark Grey, little silt, | wet | | |
| 6 | F7-C | 5.5- | 6.0' | | | | | | | | | | |
| 7 | | | | - | _ | | | | | | | | |
| 8 | | | | | | | | | | End of Exploration | | | |
| 8 | | | | | + | | \dashv | | | | | | |
| 9 | | | | | + | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | - | | | 1 | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | <u> </u> | | | _ | | | | | | | | |
| DRILLING | RIG TY | PE; | Tn | uck-mounted Geo | probe l | Rig | | | | SURFACE ELEVATION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | | START DATE: | 10/3/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FRC | OM: | NA | TO: | Α | END DATE: | 0/3/2007 | | |
| NOTES: | | | | | | | | | | · - | | | |
| PID mes Depths 1 NA=not | neasured | from g | | n 6" intervals urface | | | | | | | | | |

| | | | | E | BORING | LOC | } | - | - | BORING NUM | BER: P14-F |
|-----------------|------------------------------------|----------|-------|--------------------------|--------------|----------|--------------|-------------------|------------------|------------------------------|---------------|
| | | | | TENTAL & | & PROJE | | US Army BRAC | | _ | JOB NUMBER: CLIENT: USACE | 12497 |
| | | | | | | | | | | DRILLER: Frank | Accorsi |
| | | | | | CONTR | LACT(| OR: TVS | | | FIELD REP: R. Mc | Cormick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | orobe MacroCore | | | | DATE 10/3/ | /07' | | |
| HAMM | ER WEI | | | NA | | | | Groundwater 1 | Depth (feet): | 5,5' | |
| HAM | MER FA | | IDI E | NA | | <u> </u> | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syr | nbol | | DESCRIPTION | ON OF MATER | WALS | |
| 0 | | | - | 100% | SM/G | P | 0-1' San | d with silt, Orar | nge/Brown, trace | gravel,coal fragments | |
| 1 | F8-A | 0-0. | .ɔ' | | CL | | | 1-4' Clay, D | ark Olive Green | ı, moist | - |
| | F0.5 | | | | | | | ,, 2 | | • | |
| 2 | F8-B | 1.5-2 | ź,U' | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | - | | | | | | | | | | |
| 4 | | | | 100% | CL | | | 4-5' Cla | y, Dark Olive G | reen | |
| 5 | - | | | | SM | | 5_01 | Sand and Clay | , Dark Grey/Oli | ua Graen, west | <u> </u> |
| ` | F8-C | 5-5. | .5' | | 3141 | | 3-8 | Sand and Clay | , Daik Gley/Oil | ve Green, wer | |
| 6 | ļ | | | | | | | | | | |
| 7 | - | | | | | | | | | | |
| 8 | | | | | | | • | P | Left. Hereiter | | |
| 8 | | | | | | | - | Elic | of Exploration | | |
| 9 | - | | | | | | | | | | |
| , | | | | _ | | | | | | | |
| 10 | - | | | <u>.</u> | | | | | | | |
| 11 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 12 | | | | | | | | | | _ | - |
| | | | | | | | | | | | |
| 13 | | | | | | | | | | | - |
| 14 | | | | | | | | | | | |
| 15 | | | | | - | | | | | | |
| | 1 | | | | | | | | | | |
| 16 | <u></u> | <u> </u> | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tri | uck-mounted Geop | probe Rig | | | SURFA | CE ELEVATIO | N: | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START | DATE: | 10/3/2007 | |
| RISER FRO | DM: | NA | TO: | NA SCREE | N FROM: | N/ | TO: NA | END D | ATE: | 10/3/2007 | |
| OTES. | | | | | | | | | - | <u> </u> | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | _ | | | | |

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| | | | | | ВС | DRING I | LOG | | | | | BORING NUMBE | R: P14-F9 |
|--|----------------------------------|---------|------|-----------------------|-------------|----------|------|----------------------|-------|------------------------|----------|------------------------|--------------|
| SHAW | / ENV | /TRC |)NN | TENT | 'AT. & | PROJEC | CT: | US Anny BRAC | 2005 | Site Investigation | | JOB NUMBER: | 124976 |
| | | | | TUR | | | zov. | 01 - 1 - 122 - 1 - A | | CTM AND | | CLIENT: USACE | |
| | | | | | | LOCAT | ION: | Charles Woods A | rea, | r IMM, NJ | | | |
| | | | | | | CONTR | ACTO | PR: TVS | | | | DRILLER: Frank Acc | |
| | | | | | | | | | | | | FIELD REP: R. McCon | nick |
| - | ГҮРЕ | | | SAMPLE robe Mac | | CASING | C | ORE BARREL | L. | DE1 | ртн о | F GROUNDWATER | |
| SI | ZE (ID) | | Сеор | 2" | nocore | | | | | | | | |
| | ER WEIG | | | NA NA | | | | | Gro | oundwater Depth (feet) | : | 6.0' | |
| | | | IPLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | | EC | USC Syn | | | | SCRIPTION OF MA | | | PID ppm |
| 0 | F9-A | 0-0 | .5' | 10 | 00% | SM/GI | | 0-2' Sand | with | silt, Orange Red/Brown | n, trace | gravel, coal fragments | 0.0 |
| 1 | | | | - | | | | | | | | | |
| 2 | F9-B | 1.5-2 | 2.0' | - | | SM | | | 2- | 4' Clayey Sand, Olive | Green, 1 | moist | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | <u> </u> | | | | | | | |
| 4 | | | | 10 | 00% | CL | | 4-5 | ' Cla | y, Olive Green/Yellow | Brown | , little sand | 0.0 |
| 5 | | | | | | SM | | 5-8' \$ | Sand | and Clay, Olive Green | /Yellow | Brown, wet | |
| 6 | F9-C | 5.5- | 6.0' | | | <u> </u> | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | - | | | | | | | | | End of Explora | tion | | |
| 8 | | | | | | | | | | End of Explora | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | - | | | | | | | | | | | | |
| 12 | - | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | | |
| 15 | <u> </u> | | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-moun | nted Geopro | be Rig | | | | SURFACE ELEVA | TION: | | |
| TEMPORA | | | | | N | | | | | START DATE: | | 10/3/2007 | |
| RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/3/2007 | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | a 6" interv urface | vals | | | | | | | | |

| | | | | В | ORING I | LOG | | | | BORING NUMBE | CR: P14-F10 | | |
|--|---|----------|------------|----------------------|-----------|----------|-----------------|--------|-------------------------------|----------------------|--|--|--|
| SHAW | ENV | /IRC | NM | ŒNTAL & | PROJEC | CT: | US Army BRAC | 2005 | Site Investigation | JOB NUMBER: | 124976 | | |
| | | | | TURE | LOCAT | ION: | Charles Woods A | rea, I | TMM, NJ | CLIENT: USACE | | | |
| | | | | | | | | | | DRILLER: Frank Acc | orsi | | |
| | | | | | CONTR | ACTO | R: TVS | | | FIELD REP: R. McCon | mick | | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | DEPTH (| OF GROUNDWATER | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA' | TE 10/3/07' | | - | | |
| HAMM | ER WEI | | | NA NA | | | | Gro | undwater Depth (feet): | 5.5' | | | |
| HAMN | MER FAI | | | NA | | <u> </u> | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DE: | SCRIPTION OF MATERI | ÁLS | PID ppm | | |
| 0 | | | | 100% | SM/G | P | 0-2' San | d wit | h silt, Orange Brown, trace g | ravel,coal fragments | | | |
| 1 | F10-A | 0-0. | .5' | - - | | | | | | | 0.0 | | |
| 2 | F10-B | 1.5-2 | 2.0' | | SM | | 2-4' | Sano | l with silt, Orange Brown/Ye | ellow Orange | 0,0 | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-6' 5 | Sand | and Clay, Orange Brown/Ol | ive Green, wet | 0.0 | | |
| 5 | | | | | | | | | | | | | |
| 6 | F10-C | 5-5. | .5' | | SM | | 6-8' Sand | with | silt, Olive Green/Yellow O | range Brown, wet | | | |
| 7 | | | | | | | | | | | - | | |
| | | | | | | | | | | | | | |
| 8 | | | | | | | | | End of Exploration | | | | |
| 9 | | | | | _ | \dashv | | | | | | | |
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| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | - | | |
| | | | | | | | | | | | | | |
| 13 | | <u> </u> | | | - | | | | | | <u> </u> | | |
| 14 | ļ — | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | <u> </u> | <u></u> | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | orobe Rig | | | | SURFACE ELEVATION | I: | | | |
| TEMPORARY WELL INSTALLED: No START DATE: 10/3/2007 | | | | | | | | | | | | | |
| RISER FRO | M: | NA | то: | NA SCREET | N FROM: | NA | TO: NA | | END DATE: | 10/3/2007 | | | |
| NOTES: | | | | | | _ | | | · | | | | |
| Depths : | PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable | | | | | | | | | | | | |

| | | | | В | ORING I | LOG | | | BORING NUMB | ER: P14-F11 |
|----------------------|------------------------------------|---------------|--------------|--------------------------|---------------|------|-----------------|--|---|----------------|
| | | | | IENTAL & | PROJECT LOCAT | ION: | Charles Woods A | 2005 Site Investigation rea, FTMM, NJ | JOB NUMBER: CLIENT: USACE DRILLER: Frank Ac FIELD REP: R. McCo | 124976 |
| - | | | : | SAMPLER | CASING | С | ORE BARREL | DEPT | H OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DATE 10/15/07' | | - |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | 8.0' | |
| HAM | MER FA | | | NA | | Ц, | *** | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sym | ıbol | | DESCRIPTION OF MAT | | PID ppm |
| 0 | FII-A | 0-0. | E) | 100% | SW | | | 0-2' Sand, Orange, little | fine gravel | 0.0 |
| 1 | FII-A | 0-0. | ر. | | | , | | | | 0.0 |
| 2 | F11-B | 1.5-2 | 2.0' | | SP | | | 2-4' Sand, Tan, little | sillt | 0.0 |
| 3 | - | | | - | | | | | | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | SP | | | 4-6.5' Sand, Tan, little si | lt, moist | 0.0 |
| 5 | | | | | | | | | | |
| 6 | - | | | | SM | | 6 5 91 C | and with silt, Red Orange/Dar | de Grave mottled wat | <u> </u> |
| 7 | | | | | Sivi | | 0.5-0 5 | and watti Sin, Red Orange/Dan | k Gley, momed, wei | |
| 8 | F11-C | 7.5-8 | 3.0' | | | | | End of Exploratio | n | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | - | | | | | | |
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| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| DRILLING | | | | ick-mounted Geop | _ | | | SURFACE ELEVATI | | |
| TEMPORA RISER FRO | | L INST. NA | ALLEI TO: | D: NA SCREEN | No I FROM: | NA | TO: NA | START DATE: END DATE: | 10/15/2007 10/15/2007 | |
| | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | |

| | | | | 1 | BORING | LOC | } | - | _ | BORIN | G NUMBI | ER: P14-G1 |
|-----------------|--|---|---------|-----------------------|----------|----------|------------------|------------------|-----------------------------------|---------------------|--------------|--|
| | | | | | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| 1 | | | | MENTAL (| & | | , | | -5 | 1 | | |
| | NFRA | STR | RUC | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | |
|] | | | | | | | | | | DRILLER | : Frank Acc | orsi |
| | | | | | CONTR | RACTO | OR: TVS | | | 1 | | |
| | | | | | | | | | | FIELD RE | P: R. McCon | mick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE IZE (ID) | | Geor | orobe MacroCore 2" | | | | DATE 10/4/0 |)7' | | | |
| HAMM | IER WEI | | | NA | | | | Groundwater D | epth (feet): | | 8.5' | |
| HAM | MER FA | | 1PLE | NA | L | <u> </u> | | | | | ļ | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DESCRIPTIO | N OF MATER | IALS | | PID |
| 0 | 1 | | | 100% | SM/G | P | 0-2' 5 | and with silt, O | range/Brown, to | ace gravel,aspl | nalt | |
| 1 | Gl-A | 0-0 | .5' | | | | | | | | | 0.0 |
| | C1 P | | 2 01 | | 01.1 | | | 246 | 5 4 D- 1 O" | | | |
| 2 | G1-B | 1.5- | 4.U | | SM | | | 2-4 Clayey S | and, Dark Olive | Green | | 0.0 |
| 3 | - | | | | | | | | | | | |
| 4 | | | | 100% | ML | | | | | | | |
| 4 | ve Green | | 0.0 | | | | | | | | | |
| 5 | Ī | | | | | | | | | | | |
| 6 | | SP 6-7' Sand, Dark Olive Green, little silt | | | | | | | | | | <u> </u> |
| 7 | | | | | | | | | | | | |
| | | | | | SP | | 7-8' Sai | nd, Olive Brown | /Yellow Orange | e, little silt, moi | st | |
| 8 | | | | 100% | SP | | 8- | 9.5' Sand, Olive | Brown/Yellow | Orange, wet | | 0.0 |
| | G1-C | 8-8 | .5' | | | | | , | | | | |
| 9 | 1 | | | | SP | | 9.5-11. | 5' Sand, Dark C | irey/Orange Bro | wn,little silt, w | ret | - |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | +- | | | | OL_ | | 11.: | | ganics, Dark Gr of Exploration | ey/Black, wet | | ļ |
| 12 | | | | | <u> </u> | | | | | | | |
| 13 | <u> </u> | | | | | | | | | | | |
| 14 | - | <u> </u> | | | | | | | | | | |
| | 1= | | | | | | | | | | | - |
| 15 | | - | | | - | | | | | | | |
| 16 | | | _ | | | _ | L | 1 | | | | |
| DRILLING | DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: | | | | | | | | | | | |
| TEMPORA | ARY WEI | L INST | ALLE | D: | No | | | START | DATE: | 10/4/2007 | | |
| RISER FR | OM: | NA | TO: | ' NA SCREE | N FROM: | NA | TO: NA | END DA | TE: | 10/4/2007 | | |
| NOTES: | | | | | | | | | | - [| | |
| PID me | asuremen | its were | taken i | n 6" intervals | | | | | | | | |
| Depths | measured | from gr | | | | | | | | | | |
| NA110 | n арриса <i>с</i> | | | | | | | | | | | |
| | | | | | | | | | | | | |

| | | | | F | 3OR | ING I | юG | | | | | I | BORIN | G NUM | | 4-G2 |
|-----------------|---|----------------|------------|----------------------|----------|------------------|----------|--------------|--------|--------------|-----------------|----------|-------------------|---------------|----|------------|
| | | | | IENTAL (| & | PROJEC LOCATI | | US Army BRAC | | | igation | - 1 | OB NUM | BER: USACE | 12 | 14976 |
| | | | | | ļ | CONTRA | АСТО | R: TVS | | | | - 1 | RILLER TELD RE | : Frank | | ŀ |
| | | | | SAMPLER _ | CA | SING | C | ORE BARREL | | | DEPTI | ı of | GROUNI | WATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA' | TE 10/4/0 |) 7' | | | | | |
| | ER WEI | GHT | | NA NA | | | | | Gro | undwater D | epth (feet): | | - | 7.0' | | |
| HAM | MER FA | | | NA | | | | | | | | | | | _ | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | 1 | JSC Sym | bol | | DES | CRIPTIO | N OF MATE | RIAL | s | | | PID ppm |
| 0 | | | | 100% | | SM/GP | | 0-1' San | d wit | n silt, Oran | ge/Brown, trac | e grav | el,coal fra | gments | T | |
| 1 | G2-A | 0-0. | .5' | | | SM | | | 1 | 1-3.5' Claye | ey Sand, Olive | Brown | n | | - | 0.0 |
| 2 | G2-B | 1.5-2 | 2.0' | - | | | | | | | | | | | - | 0.0 |
| 3 | | | | | ⇉ | | Ц | | | | | _ | | | | |
| 4 | <u> </u> | | | | ╁ | SM | \dashv | | 3 | 5.5-4' Sand | and Silt, Olive | Brow | n | | H | |
| 4 | | | | 100% | \top | SM | \dashv | | 4-5' C | layey Sand | l, Dark Olive C | ireen/ | Brown | | F | 0.0 |
| 5 | <u> </u> | | | | - | SM | = | 5-1 | 3' San | d with silt, | Olive Brown/I | Dark (| Grey, wet | | | |
| 6 | | | _ | - | | | | | | | | | | | | |
| 7 | G2-C | 6.5-7 | 7.0' | · · | + | | | | | | | | | | F | |
| 8 | | | | | | _ | | | | End | of Exploration | | | | | |
| 88 | - | | | | | | \dashv | | | | | | | | ⊦ | |
| 9 | | | | | | | | | | | | | | | F | |
| 10 | | | | | | | | | | | | | | | þ | |
| 11 | | | | | | | 〓 | | | | | | | | | |
| 12 12 | | | | | | | | | | | | | | | _ | |
| | | | | - | | | | | | | | | | | | |
| 13 | | - | | - | \dashv | | | | | | | | | | - | |
| 14 | | | | | _ | | | | | | | | | | F | |
| 15 | | | | | _ - | | | | | | | | | | - | |
| 16 | | | | | _ | | | _ | | | | _ | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe I | Rig | | | | SURFAC | CE ELEVATIO | ON: | | | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | | START | DATE: | | 10/4/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | M: | NA | TO: NA | | END DA | ATE: | 10/ | 4/2007 | | | |
| OTES: | | - | | | | | | | - 1 | | | $\neg I$ | | | | |
| Depths | PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable | | | | | | | | | | | | | | | |

| | | | | E | OR | ING 1 | 00 | · · | • | | | BORIN | GNUMBE | R: P14-G3 |
|--|--|-------|------|----------------------|---------|---------|------|-----------------|-------|---------------|----------------|------------------|--------------|--------------|
| SHAW | EN | /IRC | NM | IENTAL & | & | PROJEC | CT: | US Army BRAC | 2005 | Site Investi | gation | JOB NUM | BER: | 124976 |
| IN | FRA | STR | UC | TURE | 1 | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | | DRILLER | Frank Acc | orsi |
| | | | | | ł | CONTR | ACTO | OR: TVS | | | | FIELD RE | P: R. McCorr | nick |
| _ | | | | SAMPLER | CA | SING | | ORE BARREL | Г | | DEPTH | OF GROUND | WATER | - |
| | YPE ZE (ID) | | | robe MacroCore 2" | | | | | DΑ | TE 10/4/0 | | | | |
| HAMMI | R WEI | | | NA | | | | | Gro | oundwater D | epth (feet): | | 6.0' | |
| HAMN | IER FA | | IPLE | NA . | | | | | L_ | | | | l | |
| DEPTH (feet) | No. | DEP | | REC | T | JSC Syn | bol | | DE | SCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | SM/GV | V | . 0 | -1' S | and with silt | t, Orange/Brow | n, trace gravel, | | |
| 1 | G3-A | 0-0. |). | | | CL | | | I | 4' Clay, Oliv | e Green Brown | /Yellow | | 0.0 |
| 2 | G3-B | 1.5-2 | 2.0' | | | | | | | | | • . | | 0.0 |
| 3 | | | | | _ | | | | | | | • | | |
| 4 | | | | | | | | | | | | | | |
| 4 | | | | 100% | | CL | | 4 | -5' C | Clay, Olive G | Freen Brown/Ye | llow, moist | ··· | 0.0 |
| 5 | | | | | | SP | | 5-8' | San | d, Dark Grey | y/Olive Brown, | little clay, wet | | |
| 6 | G3-C | 5.5-6 | 5.0' | | + | | | • | | | | | | <u> </u> |
| 7 | | | | | _ | | | | | | | | | |
| | | | | | _ | | | | | ~ . | | | | |
| 8 | | | | | | | | | | End o | of Exploration | | | |
| 9 | | | | | + | | - | | | | | | | |
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| 15 | <u> </u> | | | | - | | | | | | | | | |
| 16 | <u> </u> | | | | | | | | - | | | | | |
| DRILLING | RIG TY | PE: | Tπ | ack-mounted Geop | orobe F | ₹ig | | | | SURFAC | E ELEVATIO | ٧: | | |
| TEMPORARY WELL INSTALLED: No START DATE: 10/4/2007 | | | | | | | | | | | | | | |
| RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/4/2007 | | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | - | |
| Depths n | ID measurements were taken in 6" intervals epths measured from ground surface A=not applicable | | | | | | | | | | | | | |

| | | | | | ВС | ORING I | LOG | <u> </u> | | | | | BORING | 3 NUN | | R: P14-G4 |
|-------------------------------|----------------|---------|-------|------------------------|-----------|---------|----------|-----------------|------|---------------|--------------|---------|----------------|---------|---------|--------------|
| SHAW | ENV | /IRO | ONN | TENT. | AL & | PROJEC | CT: | US Army BRAC | 200: | 5 Site Invest | igation | | JOB NUMI | BER: | | 124976 |
| IN | IFRA | STF | RUC | TURE | 3 | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | | CLIENT: | USAC | E | |
| | | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER: | Fran | k Accor | si |
| | | | | | | John | | 110 | | | | _ | FIELD RE | P: R. M | cCormi | ck |
| | | | | SAMPLEI | | CASING | С | ORE BARREL | | | | тн о | F GROUND | WATE | ₹ | |
| | YPE ZE (ID) | | Geop | robe Macro 2" | oCore | | | | DA | TE 10/4/0 |)7' | | | | | |
| HAMMI | ER WEI | | | NA | | | | | Gro | oundwater D | epth (feet): | | | 6.0' | | |
| HAMN | MER FA | | 1PLE | NA | | | | | L | | | | | | | |
| DEPTH (feet) | No. | DEP | | RE | C | USC Sym | bol | | | SCRIPTIO | | | | | | PID ppm |
| 0 | G4-A | 0-0 | 6 | 100 |)% | SM/GV | v | | 0-2' | Sand with s | ilt, Light B | rown, t | race gravel | | | 0.0 |
| 1 | U4-A | 0-0 | | - | | | | | | | | | | | | 0.0 |
| 2 | G4-B | 1.5-2 | 2.0' | - | | SM | | | | 2-4' Claye | y Sand, Oli | ve Gree | en | | | 0,0 |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | 100 | 10% | ML | | 4- | i Cl | ay with sand | l Olive/Ora | nge Br | own moist | | | 0.0 |
| 5 | | | | | | SP | _ | | | | | | t, trace clay, | wet | | 0.0 |
| | 21.0 | | | | | | | | | - | | | • | | | |
| 6 | G4-C | 5.5- | 6.0 | | | | | | | | | | | | | |
| 7 . | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | End | of Explorat | ion | | | | |
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| DRILLING | RIG TY | PE: | Tn | ack-mounte | ed Geopro | be Rig | | | | SURFAC | CE ELEVA | TION: | | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | 0 | | | | START | DATE: | | 10/4/2007 | | | |
| RISER FRO | M: | NA | TO: | NA S | CREEN I | FROM: | NA | TO: NA | | END DA | ATE: | 1 | 0/4/2007 | | | |
| NOTES: | | | | | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | 1 6" interva urface | ıls | | | | | | | | | | | |

| | | | | | BORING | LO | 3 | | BORING NUM | BER: P14-G5 |
|-------------------------------|--|------------|------------|----------------------|-----------|---------|-----------------|----------------------------|--------------------|----------------|
| SHAW | ENV | VIRC | ONN | IENTAL (| & PRO | ECT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | ATION: | Charles Woods A | rea, FTMM, NJ | CLIENT: USACE | |
| | | | | | CON | ED A CT | on. Typ | | DRILLER: Frank | Accorsi |
| | | | | | CON | ract• | OR: TVS | | FIELD REP: R. McC | Cormick |
| | | | | SAMPLER | CASING | | CORE BARREL | | PTH OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/4/07' | | |
| HAMM] | ER WEI | | | NA NA | | 1 | | Groundwater Depth (feet) |): 4.0' | |
| HAM | MER FA | | | NA | | | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USC S | ymbol | - | DESCRIPTION OF MA | TERIALS | PID ppm |
| 0 | | | | 100% | SM | GW | | 0-1' Silt and Sand, Bro | wn, with gravel | |
| 1 | G5-A | 0-0. | .5' | | S | м | | 1-2' Silt and Sand, O | live Green | 0.0 |
| 2 | G5-B | 1.5-2 | 2.0' | | S | Р | 2- | 4' Sand, Dark Grey/Olive (| Green Orange, wet | 0.0 |
| 3 | | | | | | |] | | | ` |
| 4 | G5-C | 3.5-4 | 1 0' | | _ | | | End of Explora | ntion | |
| 4 | 03-0 | 5.5 | 7.0 | | | | | End of Explora | ittoti | |
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| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFACE ELEVA | ATION: | |
| TEMPORA | RY WEL | L INST | | | No | | | START DATE: | 10/4/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | N | A TO: NA | END DATE: | 10/4/2007 | |
| NOTES: | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | | | | | | | |

| | | | | В | ORING | LOG | | | BORING | G NUMBE | R: P14-G6 |
|-----------------|------------------------------------|---------|------------|--------------------------|----------|----------|--------------|-------------------------------|----------------------|-------------|--------------|
| | | | | IENTAL & | PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUM | BER: | 124976 |
| | | | | | CONTI | RACTO | OR: TVS | | DRILLER: | Frank Accor | |
| | | | | SAMPLER | CASING | | ORE BARREL | | H OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | ├ | | DATE 10/4/07' | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | | 3.5' | |
| HAM | MER FA | | | NA | | <u> </u> | | | | <u> </u> | - |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syı | nbol | | DESCRIPTION OF MAT | ERIALS | | PID ppm |
| 0 | C6 A | | <i>c</i> 1 | 100% | · GM | | | 0-0.5' Silt and Sand and g | ravel, Brown | | - 00 |
| 1 | G6-A | 0-0 | | | SM | | | 0.5-2' Sand and Silt, Light E | rown, moist | | 0.0 |
| 2 | G6-B | 1.5-2 | 2.0' | | SP | | 2-4' Sar | d with silt, Dark Grey/Olive | Green, trace clay, v | wet | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | G6-C | 3-3. | .5' | | | | | End of Exploration | n | | |
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| 16 | | | | | | | | | | | - |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | SURFACE ELEVAT | ON: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START DATE: | 10/4/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | END DATE: | 10/4/2007 | | |
| NOTES: | | | | | | | | 1 | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | | В | ORING | LOC | , | | | BORIN | G NUMB | ER: P14-G7 |
|-----------------|----------------------------------|------------|------------|---------------|-----------|----------|-------|-----------------|------------------|---|------------------|------------|---------------|
| SHAW | ENV | VIR(| NN | ŒN1 | ΓΑΤ. δ | PROJ | ECT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUM | BER: | 124976 |
| | NFRA | | | | | LOCA | TION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | corsi |
| | | | | | | CONT | RACTO | OR: TVS | | | FIELD RE | P: R. McCo | rmick |
| | | | | SAMPL | ER | CASING | | CORE BARREL | | DEPTH | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | DATE 10/4/ | 07' | | | |
| HAMM | ER WEI | | | NA | | | | | Groundwater I | Depth (feet): | | 3.0' | |
| HAM | MER FA | | | NA | | | | | | | | 1. | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | I | ŒC | USC S | mbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 1 | 00% | SM/ | GP | 0- | 2' Silt and Sand | Light Brown, litt | le gravel, moi | st | |
| 1 | G7-A | 0-0 | .5' | | | | | ļ | | | | | 0.0 |
| | | | | | | | | 1 | | | | | |
| 2 | G7-B | 1.5-2 | 2.0' | | | M SI | | 2.5.4! Sond | | h sand, Olive Gre llow Brown, little | | | 0.0 |
| 3 | G7-C | 2.5- | 3.0' | | | - °' | | 2.5-4 Sand | , Dark Grey/ Ter | now Brown, muc | siii, milie ciay | , moist | |
| | | | | | | | | | | | | | |
| 4 | | | | | | + | | | End | of Exploration | | | |
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| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe Rig | | | SURFA | CE ELEVATION | I: | | |
| TEMPORA | | | | | _ | No | | | START | | 10/4/2007 | | |
| RISER FRO | | NA NA | TO: | | SCREEN | | NΔ | A TO: NA | END DA | | 10/4/2007 | | |
| NOTES: | | | | | | | 147 | | LIND DI | | 377/2007 | | |
| PID mea | asuremen measured applicab | l from gr | | | vals | | | | | | | | |

| | | | | F | BORING | LOC | G | | | BORING | G NUMBE | R: P14-G8 |
|-------------------------------|----------------|----------|-------|--------------------------|-----------|---------------|---------------------------------------|-----------------|------------------|-----------------|--------------|--------------|
| SHAW | EN | VIRO | ONN | IENTAL | & PROJ | ECT: | US Army BRAC | 005 Site Invest | igation | JOB NUM | BER: | 124976 |
| IN | IFRA | STR | RUC | TURE | LOCA | TION: | Charles Woods As | ea, FTMM, NJ | | CLIENT: | USACE | ı |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER | Frank Acc | orsi |
| | | | | | CONT | KACI | OR: IVS | | | FIELD RE | P: R. McCorr | nick |
| | | | | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 10/4/0 |)7' | | | + |
| HAMMI | R WEI | | | NA | | | | Groundwater D | epth (feet): | | 3.0' | |
| HAMN | MER FA | | 1PLE | NA | | | | <u>.</u> _ | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | | | | N OF MATER | | | PID ppm |
| 0 | G8-A | 0-0 | 51 | 100% | SM/ | 3P | 0-2 | ' Silt and Sand | Light Brown, lit | le gravel, mois | t | 0.0 |
| 1 | U6-A | 0-0 | .5 | | | | <u>{</u> | | | | | 0.0 |
| 2 ′ | G8-B | 1.5-2 | 2.0' | | SM | i | 2-4' S | and and Clay, C | live Green/Orar | ige Brown, wet | | 0.0 |
| 3 | G8-C | 2.5-3 | 3.0' | | | | <u> </u> | | | | | |
| 4 4 | | <u> </u> | | | | | | End | of Exploration | | | |
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| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe Rig | | | SURFAC | CE ELEVATION | 1 : | | |
| TEMPORAL | RY WEL | L INST | ALLEI | O: | No | | | START | DATE: | 10/4/2007 | | ļ |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N. | A TO: NA | END DA | TE: | 10/4/2007 | | |
| NOTES: | | | | | | | | 1 | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BO | RING I | LOG | ; | | | | BOR | ING NUMB | ER: P14-G9 |
|-------------------------------|--------------------|------------|------------|---------------------------------------|-----------|---------|----------|-----------|----------|---------------|--|--------------|---------------|---------------|
| SHAW | ENV | VIRC | NM | IENTAL | & | PROJEC | CT: | US Army I | BRAC | 2005 Site Inv | estigation | JOB N | UMBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles W | oods A | rea, FTMM, ì | NJ | CLIE | NT: USACE | |
| | | | | | | | | | | | | DRILI | LER: Frank Ac | corsi |
| | | | | | | CONTR | ACTO | OR: TVS | } | | | FIELD | REP: R. McCo | rmick |
| | | - | | SAMPLER | | ASING | С | ORE BARRI | EL | T · · · · · | DEPTI | I OF GRO | UNDWATER | |
| | YPE | | Geop | robe MacroCor | | | | | | DATE 10 | /4/07' | | | |
| HAMMI | ZE (ID) ER WEIG | GHT | | 2" NA | + | | | | | Groundwate | r Depth (feet): | + | 4.0' | |
| HAMN | MER FA | | | NA | Ш. | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | ibol | | | DESCRIPT | ION OF MATE | RIALS | | PID ppm |
| 0 | | | | 100% | 耳 | SM/GI | <u> </u> | | | 0-2' Silt and | Sand, Light Brow | n, with grav | <i>v</i> el | |
| 1 _ | G9-A | 0-0. | .5' | | \dashv | | | | | | | | | 0.0 |
| 2 | G9-B | 1.5-2 | 2.0' | | | SM | | | | 2-3.5' Claye | y Sand, Olive Gr | een, moist | | 0.0 |
| 3 | | | | | \exists | | | | | | | | | |
| 4 | G9-C | 3.5-4 | 1.0' | | - | SP | | | 3.5-4' 8 | | oreen/Orange Bro and of Exploration | | ıy, wet | |
| 4 | | | _ | | | | | | | | | | | |
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| DRILLING | RIG TY | PE: | Tn | uck-mounted G | oprob | e Rig | | | | SURI | ACE ELEVATION | ON: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | | STAF | RT DATE: | 10/4/2 | 2007 | |
| RISER FRO | | NA | TO: | NA SCRE | EN F | ROM: | NA | то: | NA | | DATE: | 10/4/200 | 7 | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | i from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | | В | ORI | NG I | JOG | | | | | | | BORIN | G NUMB | ER: P14-G10 |
|-----------------|---------------------------------|---------|--------------|---------------|-----------|------------|--------|-----------|-----------|---------|---------|------------|--------------|-----------|---------------|------------|----------------|
| SHAW | EN | ЛRC | N | TENT | rat. 8 | P | ROJEC | T: | US Army | BRAC 2 | 2005 Si | te Investi | igation | | JOB NUM | BER: | 124976 |
| | VFRA | | | | | H | OCAT! | ON. | Ch. J. W | | PT | | | | CLIENT: | USACE | |
| | | | | | | ľ | OCAT | ion: | Charles W | oods Ar | ea, FII | MM, NJ | | | | | ·-·- |
| | | | | | | c | CONTR | АСТО | R: TVS | ; | | | | | DRILLER | | |
| | | | | | | | | | | | , | | | | FIELD RE | P: R. McCo | rmick |
| · | | | | SAMPL | | CAS | ING | C | ORE BARRI | | D 4 600 | 10/4/0 | | PTH O | F GROUND | WATER | |
| SI | TYPE ZE (ID) | | Geor | robe Ma 2" | croCore | | | | | | DATE | 10/4/0 |) <i>1</i> ' | | | | |
| HAMM | ER WEIG | | | NA | | | | | | | Ground | dwater D | epth (feet |): | | 4.0' | |
| HAM! | MER FAI | | | NA | | _ | | | | | L | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | . 1 | REC | US | SC Sym | bol | | : | DESC | RIPTIO | N OF MA | TERIA | als | | PID ppm |
| 0 | | | | 1 | 00% | \bot | SM | \Box | | | | 0-2' Si | It and San | d, Brow | n | | |
| 1 | G10-A | 0-0 | .5' | | | - | | \dashv | | | | | | | | | 0.0 |
| 2 | G10-B | 1,5-2 | 2 በ' | | | | ML | _ | | 7-4 | 4' Sand | v Silt O | live Orang | e trace | clay wet | | 0.0 |
| | 0.02 | | | | | _ | | | | | - Danie | y ont, o | iive Orang | 50, 11100 | ciay, wei | | 0.0 |
| | C10.0 | 2.5 | 4.01 | | | | | 〓 | | | | г. | .cr | | | | |
| <u>4</u> | G10-C | 3.5-4 | 4.0 | | | + | | | | | | End | of Explor | ation | | | + |
| 5 | | | | | | + | | \dashv | | | | | | | | | |
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| DRILLING | | | | | nted Geop | | g | | | | | | E ELEVA | ATION: | | | |
| TEMPORA | | | ALLEI TO: | | SCREEN | EDOY 10 | ٨. | DI A | TO: | N/A | | START I | | | 10/4/2007 | | |
| RISER FRO | | NA | 10. | 1444 | SCICER | - KON | ·1. | NA | TO: | NA | | END DA | . I E. | 1 | 0/4/2007 T | | |
| PID mea | suremen neasured applicab | from gr | | | vals | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

| <u> </u> | | | | F | BORING | G LO | G | | | BORING NUMBER | \: 14-G11 | | |
|---|--|--------------|-------------|---------------------------|-------------|--------|-------------------|------------------|--------------------|-----------------------|---------------------|--|--|
| SHAW | ZENI | ЛRC |)NI | ÆNTAL (| e. PRO | JECT: | US Army BRAC | 2005 Site Invest | tigation | | 124976 | | |
| | | | | TURE | - 1 | ATION: | : Charles Woods A | rea, FTMM, NJ | | CLIENT: USACE | | | |
| | | | | | CON | TRACT | OR: TVS | | | DRILLER: Frank Accor | | | |
| | | | | | | | | | | FIELD REP: R. McCormi | ick | | |
| | | | | SAMPLER | CASING | 3 | CORE BARREL | | | OF GROUNDWATER | | | |
| | TYPE IZE (ID) | | Geor | orobe MacroCore 2" | | | | DATE 10/15 | 5/07' | | | | |
| | ER WEI | THT | 1 | NA NA | | | | Groundwater I | Denth (feet): | 7.5' | | | |
| | MER FA | | 1 | NA NA | | _ | | Groundwater 1 | | 7.5 | | | |
| | | SAN | APLE | | | • | | | | | | | |
| DEPTH (feet) | No. | DEF | ТН | REC | <u> </u> | Symbol | <u> </u> | | ON OF MATE | | PID ppm | | |
| 0 | C11 4 | | | 100% | | SP | -} | 0-2' Sand, Brov | vn/Olive, little f | ine gravel, silt | | | |
| 1 | G11-A | 0-0 | | | | | 1 | | | | 0.0 | | |
| 2 | G11-B | 1.5- | 2 0' | | | | -{ | 2 | 2.5' Concrete | | 0.0 | | |
| <u> </u> | 5.1.5 | 1.5- | | | | SM | 2.5-4' | | | nge Brown, moist | V.0 | | |
| 3 | | | | | | | _} | • | | , | | | |
| | - | ı | | | | | | | | | | | |
| 4 100% SP 4-6.5' Sand, Tan, moist | | | | | | | | | | | | | |
| 3 4 | | | | | | | | | | | | | |
| 3 4 4 100% SP 4-6.5' Sand, Tan, moist 5 | | | | | | | | | | | | | |
| | | | | | | | | | | , | | | |
| 6 | | | | | - | SM | | 6 0! Cond I ich | it Grey/Orange, | mottled wat | | | |
| 7 | | | | | | PIVI | -l ° | .5-6 Sanu, Lign | it Grey/Orange, | mottled, wet | | | |
| | G11-C | 7-7 | '.5' | | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | | |
| 8 | | | | - | | | - | | | | | | |
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| 16 | 1 | | | | | | 1 | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 10/15/2007 | | | |
| RISER FRO | | NA | TO: | NA SCREE | | N | A TO: NA | END D | | 10/15/2007 | - | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | easuremen measured t applicab | from g | | n 6" intervals surface | | | | | | | | | |

BORING NUMBER: **BORING LOG** P14-H1 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & INFRASTRUCTURE CLIENT: USACE LOCATION: Charles Woods Area, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R. McCormick SAMPLER DEPTH OF GROUNDWATER CASING CORE BARREL DATE 10/5/07' TYPE Geoprobe MacroCor SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 10.5' HAMMER FALL NA SAMPLE DEPTH REC USC Symbol DESCRIPTION OF MATERIALS No. PID (feet) 0-2' Silt and Sand, Light Brown, with gravel 0 100% SM/GP H1-A 0-0.5' 0.0 2 H1-B 1.5-2.0 SM/GP 2-4' Sand with silt, Olive Grey/Tan, some gravel 0.0 3 SM/GP 4-5.5' Sand with silt, Olive Grey/Tan, some gravel 0.0 5.5-8' Sand, Olive Green, little clay 6 SM 8-10' Sand and Clay, Olive Green/Yellow Brown, moist 0.0 9 10 10-12' Sand, Dark Grey/Orange, little silt, wet 10-10.5 11 End of Exploration 13 14 15 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: TEMPORARY WELL INSTALLED: START DATE: 10/5/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/5/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | I | ORING | LOC | 3 | | | BORIN | G NUMBI | ER: P14-H2 | | |
|---|----------------|---------|------|--------------------------|-----------|----------|------------------|------------------|--------------------|-----------------|-------------|---------------|--|--|
| SHAW | ENV | VIRC | NN | TENTAL 6 | e PROJ | ECT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUM | BER: | 124976 | | |
| | | | | TURE | | TION | OL L W. LA | F/ () () () | | CLIENT: | USACE | | | |
| | | | | | LOCA | TION: | Charles Woods Ar | ea, FTMM, N. | l | | | | | |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER | : Frank Acc | orsi | | |
| | | | | | | | | | | FIELD RE | P: R. McCor | mick | | |
| | n cor | | | SAMPLER | CASING | " | CORE BARREL | D.100 | | OF GROUNI | WATER | , | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | _ | + | | DATE 10/5 | /07' | | | | | |
| HAMMI | ER WEIG | | | NA NA | | | | Groundwater 1 | Depth (feet): | | 6.0' | | | |
| HAMI | IEK FA | | PLE | INA | | <u> </u> | <u> </u> | l <u>.</u> . | | | | - | | |
| DEPTH (feet) | No. | DEP | ГН | REC | USC S | ymbol | | DESCRIPTION | ON OF MATER | IALS | | PID ppm | | |
| 0 | H2-A | 0-0. | 5' | 100% | SM/ | GP | 0-2 | Silt and Sand, | Light Brown, wit | h gravel, aspha | ılt | 0.0 | | |
| 1 | | | | | | | | | | | | | | |
| 2 | H2-B | 1.5-2 | .0' | | Si | 1 | | 2-3.5' Sanđ wi | th silt, Orange Re | ed/Brown | | 0.0 | | |
| 3 | | | | | | | | | | | | | | |
| 3 CL 3.5-4' Clay, Orange, little sand 4 100% SP 4-7' Sand, Olive Green/Orange, little clay, wet | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 6 | H2-C | 5.5-6 | 5.0' | | | | | | | | | | | |
| 7 | | | | | C | | | 7-8' Clay, Olive | e Green/Orange, | little sand | | | | |
| 8 | | | | | | | | | of Exploration | | | | | |
| 8 | | | | | 1 | | | | or Exploition | | | | | |
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| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFA | CE ELEVATIO | 1 : | | ···· | | |
| TEMPORAL | | | | | No | | | START | | 10/5/2007 | | | | |
| RISER FRO | M: | NA | TO: | na screei | N FROM: | NA | TO: NA | END D | ATE: | 10/5/2007 | | | | |
| NOTES: | - | | | | | | <u> </u> | | | | * | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | F | ORI | NG L | oG | | | | BORIN | G NUMBI | ER: P14-H3 |
|------------------|------------------------------------|-----------|------|--------------------------|-----------|---------------------------|----------|--|------------------|------------------------------------|----------------------------------|-------------|-----------------|
| | | | | IENTAL & | & LC | ROJECT DCATIO ONTRA | ON: | US Army BRAC Charles Woods A OR: TVS | | _ | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 corsi |
| | | | | SAMPLER | CASI | NG | C | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE | | Geop | robe MacroCore | | | | | DATE 10/5/ | '07' | | | |
| | ZE (ID) ER WEIG | знт | | 2" NA | | | | | Groundwater I | Depth (feet): | | 7.5' | |
| | MER FA | | | NA | | | | | | | | I | |
| DEDTII | No | | IPLE | DEC | TIC | C Srow-L | | • | DESCRIBATION | ON OF MATERIA | TATE | | pin |
| DEPTH (feet) | No. | DEP | 1 H | REC | US | C Symb | 101 | | DESCRIPTIO | ON OF MATER | TAT2 | | PID ppm_ |
| 0 | | | | 100% | | SM/GP | \Box | 0-1' Sil | t and Sand, Ligh | ht Brown, with g | ravel, coal frag | ments | |
| 1 | H3-A | 0-0 | .5' | | - | SM | | | 1-3' Sanda | with silt, Olive B | rown | | 0.0 |
| | | | | | | J | | | 1 5 Sand | om, On to D | | | - |
| 2 | H3-B | 1.5-2 | 2.0' | | _ | | | | | | | | 0.0 |
| 3 | | - | | | | sw | \dashv | | 3-4 | ' Sand, Orange | | | |
| | | | | | | | | | | | | | |
| 4 | 1 | | | 100% | | SW | \dashv | | 4-7' Sand | l, Olive Green, m | nist | | 0.0 |
| 7 | | | | 10070 | | 511 | | | , pm. | , 01110 Green, n | ioist | | |
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| 6 | | | | | + | | \dashv | | | | | | |
| | | | | | | | | | | | | | |
| 7 | Н3-С | 7-7 | 5, | | + | SW SP | \dashv | 7.6 | | and, Orange, mo Green/Orange, l | | | |
| 8 | 115-0 | 1-1 | | | | 51 | | / | | of Exploration | ittic ciay,wct | | |
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| 16 | | | | | | | | L | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | orobe Rig | 3 | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE |); | No | | | | START | DATE: | 10/5/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | l: | NA | TO: NA | END D | | 10/5/2007 | | |
| NOTES: | | | | | - | | | _ | ı | | Τ'' | - | |
| PID me Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | F | ORI | NG I | OC | } | | | BORIN | G NUMBI | ER: P14-H4 | | |
|---|--|----------|-----------|--------------------------|----------|--------|----------|------------------|------------------|------------------|--------------|-------------|--|--|--|
| SHAW | ENV | VIRC | NN | TENTAL & | & P | ROJEC | CT: | US Army BRAC | 005 Site Invest | igation | JOB NUM | BER: | 124976 | | |
| | | | | TURE | | OCAT: | ON: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | i | | |
| | | | | | | | | | | | DRILLER | Frank Acc | orsi | | |
| | | | | | C | ONTR | ACTO | OR: TVS | | | FIELD RE | P: R. McCor | mick | | |
| | | | : | SAMPLER | CAS | ING | - | ORE BARREL | | DEPTH (| OF GROUND | WATER | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | | DATE 10/5/0 | | | | | | |
| HAMMI | ER WEIG | | | NA NA | | | | | Groundwater E | Depth (feet): | | 5.5' | | | |
| HAMN | IER FA | | | NA | | | | | | | | _ | | | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | US | SC Sym | bol | 1 | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | | |
| 0 | | | | 100% | | SM/GI | <u> </u> | | 0-3' Silt and Sa | nd, Light Brown, | trace gravel | | | | |
| 1 | H4-A | 0-0. | 5' | | - | | | | | | | | 0.0 | | |
| 2 | H4-B | 1.5-2 | .0' | | - | | | | | | | | 0.0 | | |
| 3 SM 3-4' Sand and Clay, Orange | | | | | | | | | | | | | | | |
| 4 100% SM 4-6' Clayey Sand, Orange/Olive Grey, wet | | | | | | | | | | | | | | | |
| | 4 100% SM 4-6' Clayey Sand, Orange/Olive Grey, wet | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | |
| 5 | 4 | | | | | | | | | | | | | | |
| 4 100% SM 4-6' Clayey Sand, Orange/Olive Grey, wet 5 H4-C 5-5.5' | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | - | | | | End | of Exploration | | | - | | |
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| 16 | | | | | | | | L | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Ri | g | | | SURFAC | CE ELEVATION | l: · | | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | START | DATE: | 10/5/2007 | | | | |
| RISER FRO | M: | NA | то: | NA SCREE | V FROM | 1: | NA | TO: NA | END DA | ATE: | 10/5/2007 | | | | |
| NOTES: | | | _ | | _ | | | | | | | | | | |
| PID mea Depths n NA≕not | neasured | from gro | | n 6" intervals urface | | | | | | | | 444 | | | |

| | | | | | В | ORING | LOC | } | | | | BORIN | G NUMB | ER: P14-H5 |
|-----------------|--|--------|-------|----------|-----------|----------|--------|--------------|--------|-----------------|-----------------|---------------------|---------------|---------------|
| SHAW | ENV NFRA | | | | | | ECT: | US Army BRAC | | | gation | JOB NUM | BER: USACE | 124976 |
| | | | | | | CON | TRACTO | OR: TVS | | | | DRILLER FIELD RE | : Frank Ac | |
| | | | | SAMPL | ER T | CASING | | ORE BARREL | Т | | DEPTH | OF GROUNI | OWATER | |
| | TYPE | | | robe Ma | croCore | | | | D/ | ATE 10/5/0 | 7' | | | |
| | ZE (ID) ER WEIG | THE | | 2" NA | | _ | | | Gr | oundwater D | epth (feet): | | 5.5' | |
| | MER FAI | | | NA | | | | | | | (100 <i>1)</i> | | | |
| DEPTH | har . | | IPLE | | DEC | TIECE | b -1 | | DI | ecomptio | N OF MATEI | TAT C | | PID |
| DEPTH (feet) | No. | DEP | 111 | | REC | USC S | ymboi | | Di | ESCRIPTIO | N OF MATE | dals | | ppm |
| 0 | | | | 1 | 00% | SM | GP . | 0- | l' Sil | t and Sand, L | ight Brown, tra | ice gravel, asph | alt | |
| 1 | H5-A | 0-0 | .5' | | | s | P | | 1-2 | ' Sand, Olive | Green/Brown, | little clay | | 0.0 |
| 2 | Н5-В | 1,5-2 | 2.0' | | | Si | M | 2 | -4' C | layey Sand, ' | Yellow Orange | Olive Green | | 0.0 |
| 3 | | | | | | | | | | | | | | - |
| 4 | | | | _ | | | | | | | | | | |
| 4 | | | | ı | 00% | S | M | 4-6 | 'San | d with clay, Y | ellow Orange | Dark Grey, we | t | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | H5-C | 5-5 | .5' | | | S | M | 6 | -8' Sa | nd with silt, l | Dark Grey/Oliv | e Brown, wet | | |
| 7 | - | | | | | - | | | | | | | | |
| 8 | | | | | | | | | | End o | of Exploration | | | |
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| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mou | nted Geop | robe Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | 1 | ٧o | | | | START I | DATE: | 10/5/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: N | ¥ | END DA | TE: | 10/5/2007 | | |
| NOTES: | | | | | | | | | | , | | | | |
| Depths | asuremen measured t applicab | from g | | | rvals | | | | | | | | | |

| | | | | | BORIN | IG I | OG | , , | | | | E | BORING | NUMBI | |
|-----------------|-----------------|--|---------|----------------------|-----------|-------|----------|-----------------|--------|-------------|------------------|---------|-----------|------------|---------------------------------------|
| | | | | | PR | OJEC | Т: | US Army BRAC | 2005 | Site Invest | igation | ٠, | OB NUMI | ER: | P14-H6 124976 |
| | | | | ENTAL | & ``` | | ••• | corum, siere | 2002 | ono mvesi | · | ŀ | | | 12.570 |
| IN | VFRA | STR | UC | TURE | LC | CATI | ON: | Charles Woods A | rea, F | TMM, NJ | | ۲ | CLIENT: | USACE | |
| | | | | | | | | | | | | <u></u> | RILLER: | Frank Ac | corsi |
| | | | | | cc | NTRA | ACTO | R: TVS | | | | - 1 | | | |
| | | | | | . 1 | | | | | | | ľ | TELD REI | P: R. McCo | mick |
| | | | | SAMPLER | CASI | ٧G | C | ORE BARREL | | | | OF | GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DAT | ΓE 10/5/0 |)7' | | | | · · · · · · · · · · · · · · · · · · · |
| HAMM | | | | NA | | | | | Gro | undwater D | epth (feet): | | | 4.0' | |
| HAMI | MER FA | | IPLE | NA | | ì | 1 | | I | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USG | C Sym | bol | | DES | CRIPTIC | ON OF MATE | RIAL | S | | PID ppm |
| 0_ | <u> </u> | | | 100% | | SM | | | | 0-2' Silt a | and Sand, Light | Brow | vn | | , , , , , , , |
| 1 | H6-A | 0-0. | .5' | | - | | | | | | | | | | 0.0. |
| 2 | Н6-В | 1.5-2 | 0, | | | SM | | | 2-3 | ' Sand with | silt, Olive Gre | en m | nist | | 0.0 |
| | III D | | | | | | | | | | | | | | 0.0 |
| 3 | | _ | | | | SP | | | 3- | 4' Sand, D | ark Grey, little | siit, w | /et | | |
| 4 4 | Н6-С | 3.5-4 | 1.0' | | _ | | \dashv | | | End | of Exploration | | | | |
| | | | | | | | | | | | | | | | |
| 5 | ├── | <u> </u> | | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | - | START | DATE: | | 10/5/2007 | | |
| RISER FRO | DM: | NA | то: | NA SCREE | N FROM | : | NA | TO: NA | | END DA | ATE: | 10/ | 5/2007 | | |
| NOTES: | | | | | | | | | | - | | Т | | _ | |
| | asuremer | its were t | raken i | n 6" intervals | | | | | | | | | | | |
| Depths : | measured | l from gr | | | | | | | | | | | | | |
| NA=not | t applicat | ole | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | ' |

| | _ | | | В | ORIN | IG L | OG | | | BORING | G NUMBE | R: P14-H7 |
|-----------------|----------|--------|----------|---------------------------|----------|-----------------|-----------------|----------|--|-----------------|--------------|--------------|
| | | | | IENTAL & | ٤ | OJEC | • | | 5 Site Investigation | JOB NUMI | | 124976 |
| | | | | | | OCATIO ONTRA | ON: Charles Woo | ds Area, | FIMM, NJ | DRILLER: | | |
| | | | | | <u> </u> | | | | - | FIELD RE | P: R. McCorm | ick |
| 7 | TYPE | | | SAMPLER robe MacroCore | CASIN | VG | CORE BARREI | | DEPTH (| OF GROUND | WATER | |
| SIZ | ZE (ID) | ~ | J | 2" | | | | | | | | |
| HAMMI HAMN | MER FA | | 1 | NA NA | | - | | Gı | oundwater Depth (feet): | | 4.0' | |
| n in in and | In. | | APLE THE | PEG | 1 1100 | 20. | | | CODIDEION OF MATER | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | C Symt | 901 | | ESCRIPTION OF MATER | | | PID ppm |
| 0 | H7-A | 0-0 | 5' | 100% | S | M/GP | | 0-2. | 5' Sand with silt, Light Brown | i, trace gravel | | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | Н7-В | 1.5- | 2.0' | | + | - | | | | | | 0.0 |
| 3 | | | | | | SM SW | | 2.: | 5-3' Sand and Silt, Olive Gree 3-4' Sand, Dark Grey, wo | | | |
| | | | | | | 311 | | | • | 3 1 | | |
| 4 4 | H7-C | 3.5- | 4.0' | | - | | - | | End of Exploration | | | ļ |
| | | | | | | | | | | | | |
| 5 | - | | | | | | | | | | | |
| 6 | | | | | - | | _ | | | | | |
| 7_ | | | | | | | | | | | | |
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| 16 | | | | | | | | | _ | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | | SURFACE ELEVATION |]: | | |
| TEMPORA | | | ALLEI |); | No | | | | START DATE: | 10/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | I FROM: | | NA TO: | NA | END DATE: | 10/5/2007 | | |
| NOTES: | | | | | | | | | | | | |
| | neasured | from g | | n 6" intervals urface | | | | | | | | |

| | | | | | BO | RING I | COG | ļ | | | | BORIN | G NUMB | |
|-----------------|----------------------|-------|--------|---------------------------|---------|---------|--------|---------------|---------|-------------------|-------------------|-----------------|------------|------------|
| | | | | | | PROJEC | | | C 20 | Of Site Insuran | | IOR NUM | pen. | P14-H8 |
| SHAW | ENV | /IRC | NN | IENTAL | & | PROJEC | .1: | US Army BRA | 1C 20 | us Site invest | igation | JOB NUM | BEK; | 124976 |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION. | Charles Woods | . A ros | ETMM NI | | CLIENT: | USACE | - |
| | | | | | | LOCAL | ion: | Charles woods | S AIC | a, r 1 Iviivi, Nj | | | | |
| | | | | | | CONTR | ልሮፕር | R: TVS | | | | DRILLER | : Frank Ac | corsi |
| | | | | | | CONTR | AC I C | ж. 175 | | | | FIELD RE | P: R. McCo | rmick |
| | | | | | _ | | | | - | | | <u> </u> | - | |
| 7 | ГҮРЕ | | | SAMPLER robe MacroCore | | CASING | | ORE BARREL | - | OATE 10/5/0 | | OF GROUNI | WATER | <u> </u> |
| SIZ | ZE (ID) | | Coop | 2" | | | | | | | | | L. | |
| HAMM | ER WEIG | | _ | NA NA | ╁ | - | | | —[G | Groundwater D | Depth (feet): | | 3.0' | |
| | | SAN | PLE | | | | | | | | | • | 1 | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | bol | | D | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | Ì | 100% | | SM/GI | • | | 0- | -1' Silt and Sa | nd, Light Brown | , little gravel | | |
| 1 | H8-A | 0-0. | .5' | | | SW | | | | 1-9' | Sand, Orange | | | 0.0 |
| | | | | | | | | | | | _ | | | |
| 2 | Н8-В | 1.5-2 | 2.0' | | | SM | | | | 2-3' Silt ar | nd Sand, Olive C | ireen | | 0.0 |
| 3 | H8-C | 2.5-3 | 3.0' | | _ | CL | | | | 3-4' Clay | , Dark Grey, m | oist | | |
| 4 | | | | | | | | | | | | | | ļ |
| 4 | | | | | • | CL | | | _ | 4-5' (| Clay, Dark Grey | | | 0.0 |
| 5 | 1 | | | | _ | SP | | | | 5-8' Sand. 1 | Dark Green, littl | e clav | | <u> </u> |
| | | | | | | | | | | | , | , | | |
| 6 | - | | - | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | _ | | |
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| 14 | <u> </u> | | | | | | | | | | | | | |
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| 15 | | - | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tra | uck-mounted Ge | opro | be Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | | | | | N | | | | | START | | 10/5/2007 | | |
| RISER FRO | | NA | TO: | NA SCRE | | | NA | . то: 1 | NΑ | END DA | | 10/5/2007 | | |
| | | | ••• | 141 BCKL | ۱۱۱ د د | | 117 | | ** 1 | 1 2,10 07 | | -1 | | |
| NOTES: | | | | | | | | | | | | | | |
| | | | | n 6" intervals | | | | | | | | | | |
| | measured applicat | | ound s | игтасе | | | | | | | | | • | |
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| | | | | | В | ORING | LOG | | | _ | | BORIN | G NUMI | BER: P14-H9 |
|-------------------------------|-----------------|---------|------|-----------------------|-----------|--------------|-------|--------------|---------|----------------|----------------|-------------------|-----------|----------------|
| SHAW | ENV | VIR(| NN | TENT | ΔΤ. & | PROJE | CT: | US Army BRA | C 200 | 5 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURI | | | TON. | Charles W. A | • | PT O A NI | | CLIENT: | USACE | |
| | | | | | | LOCAT | ION: | Charles Wood | Area, | , FIMM, NJ | | | | |
| | | | | | | CONTR | ACTO: | R: TVS | | | | DRILLER | | |
| | | | | | | | | | | | | FIELD RE | P: R. McC | Cormick |
| | | | | SAMPLE | | CASING | C | ORE BARREL | | . mp 10/5/ | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | • | Geop | robe Mac 2" | roCore | | - | | - D. | ATE 10/5/0 |) r | | | |
| HAMM | ER WEIG | GHT | | NA NA | | | - | | Gı | roundwater D | epth (feet): | | 4.5' | |
| HAMI | VIEK FA. | | IPLE | NA | | | ΉТ | | | | | | <u>.</u> | |
| DEPTH (feet) | No. | DEP | | R | EC | USC Syr | | | | | N OF MATE | | | PID ppm |
| 0 | H9-A | 0-0. | 5' | 10 | 10% | SM/G | P | (|)-1' Si | lt and Sand, I | Light Brown, w | ith gravel, asph | alt | 0.0 |
| 1 | | | | | | CL | | 1-4' | Clay, | Yellow Orang | ge/Olive Brown | , little sand, mo | ist | V.W |
| 2 | Н9-В | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | - | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | H9-C | 4-4. | 5 | | | SM | | 4 | -8' Sai | nd with clay, | Olive Brown/I | Park Green, wet | | 0.0 |
| 5 . | пу-С | 4-4. | ., | | | | | | | • | | | | |
| 6 | ļ | | | | | | | | | | | | | |
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| . 7 | | | | | | | | | | | | | | |
| 8 | | | | | | 1 | | | | End | of Exploration | | | |
| 9 | | | | | | | | | | | | | | |
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| 16 | | | | | | - | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-moun | ted Geopr | obe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | | To . | | | | START | | 10/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | NA | TO: | IA | END DA | TE: | 10/5/2007 | | : |
| NOTES: | | | | | - | | | | | | | | | |
| PID mez Depths i NA=not | measured | from gr | | n 6" interv urface | als | | | | | | | | | |

| | | | | | В | ORING I | LOG | | | | BORING NUM | BER: P14-H10 |
|-------------------------------|---------------|---------|------------|-----------------------|-----------|---------|----------|-------------|--------|----------------------------------|-------------------|--|
| SHAW | ENV | ЛRC | NN | TENT | 'AT. & | PROJE | CT: | US Army Bl | RAC 2 | 005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURI | | | | ~ | | 770 41 4 1 1 1 | CLIENT: USACE | |
| | | | | | | LOCAT | ION: | Charles Woo | ods Ar | ea, FTMM, NJ | | |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER: Frank | Accorsi |
| | | | _ | | | ŀ | | | | | FIELD REP: R. McC | Cormick |
| | | | _ : | SAMPLE | R | CASING | C | ORE BARREI | | | OF GROUNDWATER | |
| | YPE Œ (ID) | | Geop | robe Mac 2" | roCore | | | | | DATE 10/5/07' | | |
| HAMMI | R WEI | | | NA | | | | | | Groundwater Depth (feet): | 4.0' | |
| HAMN | IER FAI | | PLE | NA | | | 1 | | 1 | | | |
| DEPTH (feet) | No. | DEP | | R | EC | USC Syn | bol | | | DESCRIPTION OF MATERI | ALS | PID ppm |
| 0 | 1710 A | 0.0 | <i>-</i> 1 | 10 | 00% | SM/G | <u> </u> | | | 0-1' Silt and Sand, Light Brown, | little gravel | |
| 1 | H10-A | 0-0. | J | | | ML | | | 1. | -3' Sandy Silt,Orange Brown/Oli | ve, moist | 0.0 |
| 2 | Н10-В | 1.5-2 | .0' | | | | | | | | | 0.0 |
| 3 | | | | | | SM | | | 3- | 4' Sand with silt,Orange/Olive C | reen, wet | |
| 4 | H10-C | 3.5-4 | .0' | | | | - | | | End of Exploration | | |
| 44 | <u></u> | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ick-moun | ted Geopt | obe Rig | | | | SURFACE ELEVATION | : | |
| TEMPORAI | RY WEL | L INST. | ALLEI | O: | Ŋ | lo . | | | | START DATE: | 10/5/2007 | |
| RISER FRO | М: | NA | TO: | NA | SCREEN | FROM: | NA | TO: | NA | END DATE: | 10/5/2007 | |
| NOTES: | | | | | | | | • | | - | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" interv urface | vals | | | | | _ | | : |

| | | | |] | BORI | ING J | LOG | | | | BORING NUMB | ER: P14-H11 |
|-----------------|------------------------------------|---------|------|--------------------------|----------------|--------|-------------|--------------|-----------------------|-----------------|---------------------------------------|----------------|
| | | | | IENTAL . TURE | & | PROJEC | | US Army BRAC | 2005 Site Investiga | tion | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | (| CONTR | АСТО | R: TVS | | | DRILLER: Frank Ac FIELD REP: R. McCo | |
| | | | | SAMPLER | CAS | SING | C | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 10/16/07 | <u> </u> | | |
| HAMM | ER WEIG | | | NA | | | | | Groundwater Dep | th (feet): | 8.0* | |
| HAM | MER FAI | | IPLE | NA | | | | | <u>l</u> | | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | U | SC Syn | bol | | DESCRIPTION | | | PID ppm |
| 0 | H11-A | 0-0 | | 100% | | SM/GI | <u> </u> | 0 | ' Sand with silt, Lig | ht Brown, littl | le gravel, asphalt | 0.0 |
| 1 | 1111-1 | 0-0 | | | | | | | | | | 0.0 |
| 2 | H11-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | - | | | | | | | |
| 4 | | | | 100% | | SM | | | 4-7' Sand with sil | t, Light Brow | n, moist | 0.0 |
| 5 | 1 | | | - | + | | | | | | | |
| | | | | | 4_ | | | | | | | |
| 6 | | | | | _ | | | | | | | |
| 7 | | | | | | SP | | | 7-8' Sand, Light | Grey, little si | lt, wet | |
| 8 | H11-C | 7.5 | -8' | | | | | | End of | Exploration | | |
| 8 | - | | | | - | | | | | | | |
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| 16 | | | | | \dashv | | - | | | | | - |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe R | lig | | | SURFACE | ELEVATION | · · · · · · · · · · · · · · · · · · · | |
| TEMPORA | | | | | No | _ | | | START DA | | 10/16/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | M: | NΑ | TO: NA | 1 | | 0/16/2007 | |
| | J1V1. | 11/7 | 10. | NA SCREE | I NO. | 1. | MA | IV. NA | END DATI | J. 1' | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | ORING | LOC | | | | | BORIN | G NUMBE | R: P14-I1 |
|---------------|----------------------|---------|------|--------------------------|-----------|-------|-----------------|----------------|--------|---------------------|-------------------|--------------|--------------|
| SHAW | ENI | VIRC | NN | ŒNTAL « | PROJE | CT: | US Army BRAC | 2005 Site In | vestig | gation | JOB NUM | BER: | 124976 |
| | | | | TURE | ŀ | | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, | NJ | | | | |
| | | | | | CONTI | RACTO | OR: TVS | | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | (| CORE BARREL | | | | OF GROUNI | WATER | |
| SIZ | TYPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | DATE 10 | 0/9/07 | 7' | Γ | | |
| HAMMI HAMN | ER WEIG | | | NA NA | | | | Groundwat | er De | epth (feet): | | 7.5' | |
| DEPTH | No. | SAM | IPLE | REC | L viec e | | | DECODIN | T/01 | V OF MARKET | 27.47.6 | | |
| (feet) | No. | DEF | 1H | | USC Sy | | | | | N OF MATE | | | PID ppm |
| 0 | I1-A | 0-0. | .5' | 100% | SM/G | P | | 0-1' Silt an | d Sar | nd, Med.Brow | n,with gravel | | 0.0 |
| 1 | | | | | SM | | | 1-3' Sil | t and | l Sand, Med. F | Brown | | |
| 2 | 11-B | 1.5-2 | 2.0' | | | | | | | | | | 0.0 |
| 3 | | | | | SM | | 3 | -4' Silt and S | Sand, | , Med. Brown, | little gravel | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4 | -5' Silt and S | Sand, | , Med. Brown, | little gravel | • | 0.0 |
| 5 | | - | | | ML | | <u> </u> | -8' Silty san | d, M | ed-Dark Brow | n, little clay | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | - |
| 8 | I1-C | 7-7. | .5' | | | | <u> </u> | F | and o | of Exploration | | | |
| 8 | | | | | | | | | | | | | ļ |
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| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | Į | | | | | | |
| DRILLING | RIG TV | pe. | т- | uck-mounted Geo | orobe Ric | | | ei m | EAC! | E EI EVATIO | ıN- | | 1 |
| TEMPORA | | | | · | No | | | i i | | E ELEVATIC DATE: | יאי: 10/9/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | NA | A TO: NA | END | | | 10/9/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths r | neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | : |

| | | | | | ORING | LOG | | | | BORIN | G NUMBE | R: P14-I2 |
|-------------------------------|-----------------|---------|------|--------------------------|-----------|--------------|-----------------|-----------|----------------------------|---------------|--------------|--------------|
| | | | | IENTAL & | & PROJE | CT: | US Army BRAC | 2005 Si | te Investigation | JOB NUM | | 124976 |
| IN | IFRA | STR | RUC | TURE | LOCAT | ION: | Charles Woods A | rea, FT | MM, NJ | CLIENT: | USACE | |
| | | | | | CONTI | ACTO | OR: TVS | | | DRILLER | : Frank Acco | rsi |
| | | | | | | | | | . <u> </u> | FIELD RE | P: K. Gerdes | |
| _ | nine. | | | SAMPLER | CASING | _ c | ORE BARREL | D. 177 | | OF GROUNE | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE | . 10/9/07 | | - | |
| HAMMI | | | | NA | | | | Groun | dwater Depth (feet): | | 7.0' | |
| HAMI | MER FA | | IPLE | NA | | <u> </u> | | 1 | ļ. | | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DESC | RIPTION OF MATER | UALS | | PID ppm |
| 0 | 72.4 | - 0 0 | 61 | 100% | GP | | | 0- | 1' Sand and Gravel, Me | d.Brown | | |
| 1 | 12-A | 0-0 | .5. | | SP | | | 1-3' Sa | nd, Med-Light Brown, so | ome gravel | | 0.0 |
| 2 | I2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | SM/G | P | 3 | 8-4' Silt | and Sand, Light Brown, | little gravel | | |
| 4 | | ,,, | | | | | | | 707 0 1 D | | | |
| 4 | | | | 100% | SM | | | 4-3 | 5' Silty Sand, Brown, litt | ie ciay | | 0.0 |
| 5 | | | | | GP | | | 5-6' Sa | and Gravel, Light Br | own/Grey | | |
| 6 | | | | | SM | | | 6-7' S | ilty Sand, Light Brown, | little clay | | |
| 7 | 12-C | 6.5- | 7.0' | | ML | | | 7-8' Sil | t, Light-Dark Brown/Gre | ey, mottled | | |
| 8 | | | | | | | | | End of Exploration | | | |
| 9 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geoj | probe Rig | | | | SURFACE ELEVATIO | N: | | |
| TEMPORAL | RY WEI | L INST | ALLE | D: | No | | | | START DATE: | 10/9/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | | END DATE: | 10/9/2007 | | ŀ |
| NOTES: | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | E | ORING | LOG | } | - | | BORING | 3 NUMBE | R: P14-I3 |
|-------------------------------|----------------|-------------|---------|--------------------------|-----------|----------|-----------------|---|-----------------|-----------|--------------|--------------|
| SHAW | ENV | /IRC | NN | IENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Investigati | ion | JOB NUMI | BER: | 124976 |
| | | | | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: | USACE | |
| | • | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH O | F GROUND | WATER | |
| | YPE | | | robe MacroCore | | | | DATE 10/9/07' | | | | |
| HAMMI | ZE (ID) | THT | - | 2" NA | | <u> </u> | | Groundwater Depth | (feet) | | 6.0' | - |
| | MER FA | | | NA NA | | | | Groundwater Depti | i (icei). | | 0.0 | |
| | | | IPLE | | 1 | | | | | | | |
| DEPTH (feet) | No. | DEP | ГН | REC | USC Syn | ıbol | | DESCRIPTION C |)F MATERIA | ALS | | PID ppm |
| 0 | | | <u></u> | 100% | SW | | | 0-2' Sand | l, Light Brown | 1 | • | |
| 1 | I3-A | 0-0. | .5' | | | | | | | | | 0.0 |
| 2 | I3-B | 1.5-2 | 2.0' | | SM | | | 2-4' Silty Sand, Da | ark Brown, litt | le clay | | 0.0 |
| 3 | | | | | _ | | | | | | | - |
| | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | | 4-7' Silty Sand, Lig | ght Brown, lit | tle clay | | 0.0 |
| | | | | | | | | • | , | • | | |
| 5 | | | | | | | | | | | | - |
| 6 | I3-C | 5.5-0 | 5.0' | | | | | | | | | |
| 7 | | | | | SM | | | 7-8' Sand with si | ilt, Brown, mo | ottled | | |
| 8 | - | | | | | | | End of E | exploration | | | |
| 8 | | | | | | | | . | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | * | |
| 11 | | | | | | | | | | | | |
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| 12 12 | - | <u> </u> | | | - | | | | | | | |
| | | | | | | | | | | | | - |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFACE E | ELEVATION: | | | |
| TEMPORA | RY WEI | L INST | | | No | | | START DAT | ГЕ: | 10/9/2007 | | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | : | 10/9/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mer Depths r NA≔not | neasured | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BO | RING I | COG | , | | | BORING | G NUMBE | R: P14-I4 |
|-----------------|------------------------------------|-----------|-----------|--------------------------|---------|---------|-------|------------------------------|-------------------|-------------------|--------------|---------------|--|
| | | | | IENTA TURE | L & | PROJEC | | US Army BRAC Charles Woods A | | gation | JOB NUMI | BER: USACE | 124976 |
| | | | | | | CONTR | A CTC | OR: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACIC | . 1V3 | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | | ASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Macro(2" | Core | | | | DATE 10/9/0 | 7' | | | |
| HAMM | ER WEI | | | NA | | | | | Groundwater D | epth (feet): | | 6.0' | |
| HAM | MER FA | | | NA | | | | | | | | | i e |
| DEPTH (feet) | No. | DEP | PLE TH | REC | · | USC Sym | bol | | DESCRIPTIO | N OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | · | SP | | | 0-1' Sand, N | Aed. Brown, littl | e gravel | | |
| 1 | I4-A | 0-0. | 5' | | | SM/GF | · | | 1-2' Silty Sand | l, Dark Brown, l | ittle gravel | | 0.0 |
| 2 | 14-B | 1.5-2 | 2.0' | | | ML | | | 2-4' Silt, Med.Br | own, little sand, | little clay | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | 100% | 5 | SM | | | 4-5' Silt and Sa | nd, Light Brown | /Orange | | 0.0 |
| 5 | _ | | | | | SM | | | 5-6' Silt an | d Sand, Med Bro | own | | |
| 6 | 14-C | 5.5-6 | 5.0' | | | SM | | | 6-7' Silt and | d Sand, Light Br | own | | |
| 7 | | | | | | SP | | | 7-8' Sand, I | ight Brown, mo | ttled | | |
| 8 | | | | | | | | | End | of Exploration | | - | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | _ | | | | | | | | | |
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| 13 | | | | | | | | | | | | | |
| 15 | | | | | - | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mounted | Geoprob | e Rig | | | SURFAC | E ELEVATION | (: | | |
| TEMPORA | RY WEI | L INST. | ALLEI | D : | No | | | | START I | DATE: | 10/9/2007 | | |
| RISER FRO | OM: | NA | то: | NA SC | REEN FF | ROM: | NA | TO: NA | END DA | TE: | 10/9/2007 | | |
| Depths | asuremen measured t applicab | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | E | ORIN | G LO | 3 | | | BORING | NUMBE | R: P14-I5 | |
|---|--|----------|--------------|--------------------------|--------------|--------|------------------|------------------|------------------|---------------------------------------|-------------|--------------|--|
| SHAW | EN | VIRC | NN | ENTAL & | & PRO | JECT: | US Army BRAC 2 | 2005 Site Invest | igation | JOB NUMB | ER: | 124976 | |
| IN | IFRA | STR | UC | TURE | LOC | ATION: | Charles Woods Ar | ea, FTMM, NJ | • | CLIENT: | USACE | | |
| | | | | | | | | | | DRILLER: | Frank Acc | orsi | |
| | | | | | CON | TRACT | OR: TVS | | | FIELD REF | . K. Gerdes | | |
| | - | | | SAMPLER | CASING | ; | CORE BARREL | - | DEPTH | OF GROUND | VATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/9/0 | 07' | | * | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | Pepth (feet): | · · · · · · · · · · · · · · · · · · · | 8.0' | | |
| HAMI | MER FAI | SAM | IPLE | NA | | | | | | | | + | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | | | ON OF MATER | | • | PID ppm | |
| 0 | I5-A | 0-0. | 5' | 100% | - | | - | 0-1' | Topsoil, Asphal | t | | 0.0 | |
| 1 | | | | | | | | ; | 1-2' Roadbase | | | 0.0 | |
| 2 | I5-B | 1.5-2 | 2.0' | | 9 | W | | 2-3' Sa | nd, Light Brown | | | 0.0 | |
| 3 | | | | | N | /L |] | 3-4' Silt, Da | ark Brown, trace | clay | | | |
| 4 | | | | 4004 | | | | | | | | | |
| 4 40% ML 4-5' Silt, Dark Brown, little clay 0.0 5 SW 5-6' Sand with gravel, Light Brown | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 6 CL/GP 6-7' Silt clay, Dark Brown, some gravel | | | | | | | | | | | | | |
| 7 | | | | | : | SP | | 7-8' Sand, 1 | Dark Brown, mo | ttled | | | |
| 8 | I5-C | 7.5-8 | 3.0' | | | | | End | of Exploration | | | | |
| 8 | | | | | | | _ | | | | | | |
| 9 | | - | | | - | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | |] | | | | | | |
| 14 | | | | | | |] | | | | | | |
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| 15 | | | | | | | | | | | | | |
| 16 | | <u> </u> | | | J | | <u> </u> | | | | | | |
| DRILLING | | | | ick-mounted Geoj | orobe Rig | | | SURFAC | CE ELEVATION | I: | | | |
| TEMPORAL RISER FRO | | | ALLEI TO: | D: NA SCREE | No NEDOM: | N. | A TO: NA | START | | 10/9/2007 | | | |
| NOTES: | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | - | NA SCREE | Y FROM: | INZ | A 10: NA | END DA | MIE: | 10/9/2007 | | · · · | |
| PID mea | neasured | from gro | | a 6" intervals arface | | | | | | | | | |

| | <u> </u> | | | В | ORING I | 200 | , | | | BORIN | G NUMBI | ER: P14-16 |
|-----------------|--|-----------|-----------|--------------------------|-----------------|------|--|-----------|---------------------------|----------------------------------|---------|-----------------|
| | | | | ENTAL & | PROJEC LOCAT | ION: | US Army BRAC Charles Woods A OR: TVS | | - | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 eorsi |
| | | | | SAMPLER | CASING | _ | ORE BARREL | | DEPTH | OF GROUNI | WATER | |
| | TYPE | | Geop | robe MacroCore | | | | DATE | 10/9/07' | | | |
| | ZE (ID) ER WEIG | GHT | | NA NA | | | | Ground | water Depth (feet): | | 6.5' | - |
| HAM | MER FA | | | NA | | | | | | | | - |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Sym | bol | | DESCE | UPTION OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SP | | | 0-3' | Sand, Light Brown, litt | le gravel | | |
| 1 | 16-A | 0-0. | 5' | | - | | | | | | | 0.0 |
| | ļ | | | | | - | | | | | • | |
| 2 | I6-B | 1.5-2 | 2.0' | | 1 | | | | | | | 0.0 |
| 3 | | | | | CL | | | 3 | -4' Clayey Silt, Dark Gr | ey | | |
| 4 | | | | | | | | | | | | |
| 4 | - | | | 100% | SP | | | 4-5' S | and, Light Brown, little | gravel | | 0.0 |
| 5 | | | | , . | CL | | | 5-6' Cla | yey Silt, Dark Grey, litt | tle gravel | | |
| 6 | - | | | | CL | | 6 | -7' Claye | y Silt, Dark Grey, little | sand,gravel | | |
| | 16-C | 6-6. | 5' | | | | | • | | · - | | |
| 7 | ├ | | | | SP | | | | 7-8' Sand, Dark Brown | 1 | | |
| 8 | | | | | | | | | End of Exploration | | | + |
| | | | | | | | | | | | | |
| 9 | | | | - | | | 1 | | | | | - |
| 10 | | | | | | | | | | | | |
| 11 | | | | | <u> </u> | | | | | | | |
| 12 | ļ | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | - | | | | | | | | |
| 16 | <u> </u> | <u> </u> | | | | | <u> </u> | | | | | <u> </u> |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | S | URFACE ELEVATION | N: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: : | No | | | S | TART DATE: | 10/9/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | E | ND DATE: | 10/9/2007 | | - |
| NOTES: | | | | | | - | | | | | | |
| Depths | asuremen measured applicat | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING I | LOC | } | | | BORING | G NUMBE | R: P14-I7 |
|-------------------------------|-----------------|---------|------|--------------------------|-----------------|-----------------|------------------|------------------|-------------------|---------------|--------------|--------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC 2 | | igation | JOB NUMI | | 124976 |
| | | | | | LOCAI | ion: | Charles Woods Ar | ea, FIMIM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | | rsi |
| | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | CLUDE | | | SAMPLER | CASING | (| CORE BARREL | | | OF GROUND | WATER | |
| SIZ | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/9/0 |)7' | | | |
| HAMMI HAMI | ER WEIG | | | NA NA | | | | Groundwater D | Pepth (feet): | | 5.0' | |
| | | SAM | PLE | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ГН | REC | USC Sym | bol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | I7-A | 0-0. | 5' | 100% | SP | | | 0-1' Sand v | vith gravel, Ligh | t Brown | | 0.0 |
| 1 | | | | | SM/GI |) | : | I-2' Sand with s | ilt, Light Brown | , some gravel | | 0.0 |
| 2 | I7-B | 1.5-2 | :.0' | | CL | | | 2-4' C | lay, Dark Brown | | | 0.0 |
| 3 | | | | | - | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SM/GI | • | 4- | 5' Sand and Cla | y, Dark Brown, | little gravel | | 0.0 |
| 5 | I7-C | 4.5-5 | .0' | | 5-6' Sa | and, Dark Brown | ı | | | | | |
| 6 | | | | | SP | | | 6-7' Sand wi | th gravel, Med. | Brown | | |
| 7 | | | | | | | | | | | | |
| | | | | | SM | | : | | d and Silt, mottl | ed | | |
| 8 | | | | | | | | End | of Exploration | | | |
| 9 | | | | | | | | | | | | |
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| 13 | | | | | - | | | | | • | | |
| 14 | | | | | | | | | | | | |
| 15 | | | _ | | | | | | | | | |
| 16 | | - | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFAC | CE ELEVATION | 1 : | | |
| TEMPORA | | | | | No | | | START | | 10/9/2007 | | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | NA | TO: NA | END DA | | 10/9/2007 | | |
| NOTES: | | _ | | <u> </u> | | | | | | | | |
| PID mea Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | - | В | ORING I | LOG | | | | BORIN | G NUMBE | R: P14-I6 |
|-----------------|----------------------------------|----------|-------|--------------------------|-----------------|-----------|--------------|------------------|---------------------|---------------------|--------------|--|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | igation | JOB NUM CLIENT: | | 124976 |
| | | | | | CONTR | ACT0 | R: TVS | | | DRILLER FIELD RE | Frank Acco | rsi |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DATE 10/9/0 |)7' | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 6.5' | |
| HAMI | MER FA | | IPLE | NA | | ╚ | | ! | | | l | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | | N OF MATERI | | ŧ | PID ppm |
| 0 | I8-A | 0-0 | 5, | 100% | GP | | | 0-2' Sand a | nd Gravel, Light | Brown | | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | I8-B | 1.5-2 | 2.0' | | CL | | | 2-4' Claye | ey Silt, Dark Brov | vn | | 0.0 |
| 3 | ļ | | | | | | | | | | | |
| 4 | | | | | | | | | | | , | |
| . 4 | | | - | 100% | CL | | | 4-5' Clayey | Silt, Dark Brown/ | Grey | | 0.0 |
| 5 | | | | | SM/C | L | | 5-6' Silty Sand, | , Dark Brown, sor | ne clay | | |
| 6 | | | | | SM | | | 6-7' Silty | Sand, Dark Brow | vn | | |
| 7 | 18-C | 6-6 | .5' | | ML/SI | P | | 7-8' Silt, Da | ark Brown, little s | sand | | |
| 8 | - | | | | | \exists | | End | of Exploration | | | |
| 8 | | | | | | | | ÷ | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
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| 12 | | | | | | | | | | | | |
| 13 | 1 | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | ļ | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | probe Rig | | | SURFAC | CE ELEVATION | : | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: | No | | | START | DATE: | 10/9/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | TE: | 10/9/2007 | | |
| NOTES: | | | | | | | | | - | T | - | |
| Depths: | asuremer measured applicat | l from g | | n 6" intervals urface | | | | | | | | |

| | _ | | | E | ORING | LOG | · | | <u> </u> | BORING NU | | R: P14-19 |
|-----------------------|-----------------|--------------|--------------|--------------------------|---------------|----------|-----------------|------------------|--------------------|------------------------|---------|--|
| SHAW | EN | VTRC | N | IENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMBER: | | 124976 |
| | | | | TURE | | | | | | CLIENT: USA | CE | |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Fran | nk Acco | rsi |
| | | | | | | | | | | FIELD REP: K. (| Gerdes | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | OF GROUNDWATE | R | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/9/ | 07' | | | |
| HAMM | ER WEIG | | | NA NA | | <u> </u> | | Groundwater L | Depth (feet): | 5.5' | | |
| 1173141 | VILICI I | | IPLE | . IVA | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | abol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | I9-A | 0-0. | 51 | 90% | SP | | | 0-2' Sand v | vith gravel, Darl | Brown | | |
| 1 | 13-A | 0-0. | | | | | | | | | | 0.0 |
| 2 | I9-B | 1.5-2 | 2.0' | | SP | | | 2-3' Sand | l, Brown, little c | lay | | 0.0 |
| 3 | | | | | SM/GI | P | | 3-4' Sand with | clay, Brown, lit | ile gravel | | |
| 4 | | | | | | | | | • • • | , | | |
| 4 | | | | 100% | SM | | | 4-5' Sand a | nd Clay, Med. E | rown | | 0.0 |
| 5 | | | | | CL | | | 5-6' C | lay, Dark Brown | 1 | | |
| 6 | 19-C | 5-5. | .5' | | CL | | | 6-7' Silty | Clay, Dark Bro | wn | | |
| 7 | | | | | ML | | | 7-8' Silt, D | ark Brown, little | clay | | |
| 8 | | | | | - | | | End | of Exploration | | | |
| 8 | | | | | | | | | • | | | |
| 9 | Ī | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
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| 14 | | | | | | - | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | 1 | |
| 16 | DIG TO | | | | <u> </u> | | , | | | | | |
| DRILLING | | | | ick-mounted Geor | | | | | CE ELEVATIO | • | | |
| TEMPORAL RISER FRO | | L INST NA | ALLEI TO: | D: NA SCREEN | No N FROM: | NA | TO: NA | START: | | 10/9/2007 10/9/2007 | | |
| NOTES: | | | | bolder | | | | Zito br | | 15/7/2001 | | |
| | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | ,÷. | | | В | ORING I | LOG | ; | | | | BORIN | G NUMBE | R: P14-I10 |
|-----------------|----------------------------------|-----------|--------|--------------------------|--------------|------|-----------------|---------|--------------|------------------|-------------|--------------|--|
| SHAW | EN | /IRC |)NM | IENTAL 8 | PROJEC | CT: | US Army BRAC | 2005 | Site Invest | igation | JOB NUM | | 124976 |
| IV | IFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods | Area, I | FTMM, NJ | | CLIENT: | USACE | |
| | ٠ | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | : Frank Acco | orsi |
| | | | | | CONTR | ACIO | , k. 173 | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | *** | DA | TE 10/9/0 | 07' | | <u> </u> | |
| HAMMI | | | | NA NA | | | | Gro | undwater I | Depth (feet): | | 5.0' | |
| | VIEK FAI | _ | IPLE | IVA | | _ | | | | 1 | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DE | | ON OF MATE | | | PID ppm |
| 0 | 110-A | 0-0 | .5' | 100% | SW | | | | 0-1' Sand v | with gravel, Dar | k Brown | | 0.0 |
| 1 | | | | | SM | | | | 1-2' Silt | and Sand, Dark | Brown | | |
| 2 | I10-B | 1.5-2 | 2.0' | | CL | | | 2-4 | ' Silty Clay | , Dark Brown, | little sand | | 0.0 |
| 3 | | , | | | | | | | | | | | |
| 4 4 | | | • | 100% | SM | | | | A 41 CH | t and Sand, Bro | 1777 | | 0.0 |
| | | | ' | 10074 | SIM | | | | 4-0 311 | t and Sand, Dio | WII | | - 0.0 |
| 5 | 110-C | 4.5- | 5.0' | | - | | | | | | | | |
| 6 | | | | | SM | | • | | 6-8' Silt ar | nd Sand, Dark I | Brown | | |
| 7 . | | | | | | | | | | | | | |
| . 8 | | | | | | | | | End | of Exploration | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 ' | | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 13 | ļ | | | | | | | | | | | | |
| 14 | - | | | | | - | | | | | | | - |
| 15 | | | | | | | | | | | | | |
| 16 | | İ | | | J.,_ | | | 1 | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | No | | | | START | DATE: | 10/9/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: N | 4 | END DA | ATE: | 10/9/2007 | | |
| NOTES: | ~ | | | • | | | | | | | | | |
| Depths 1 | asuremen measured applicab | l from gi | ound s | n 6" intervals urface | | | | | | | | | |

| | | | - | 1 | BORING | LOC | 3 | | | BORING | GNUMBE | CR: P14-I11 | |
|--|-----------------|---------|-----------|--------------------------|----------------|---------|------------------|-------------------|-------------------|----------------|-------------|----------------|--|
| SHAW | ENV | VIRO | ONN | TENTAL (| & PROJI | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 | |
| IN | IFRA | STR | RUC | TURE | LOCA | TION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | | |
| | | | | | | D 4 000 | | | | DRILLER | : Frank Acc | orsi | |
| | | | | | CONT | RACIO | OR: TVS | | | FIELD RE | P: R. McCon | mick | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUND | WATER | | |
| | TYPE ZE (ID) | | Geop | orobe MacroCore 2" | - | 1 | | DATE 10/16 | /07' | | | - | |
| HAMMI | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 6.0' | | |
| HAMI | MER FA | • | l 1PLE | NA | <u> </u> | 1 | | | | | | + | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | | | | N OF MATER | | | PID ppm | |
| 0 | I11-A | 0-0 | 5' | 100% | SM | | | 0-3' Si | ilt and Sand, Bro | wn | | 0.0 | |
| 1 | | - 0 | | | | | | | | | | 0.0 | |
| 2 | 111-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 | |
| 3 | | | | | _ | | | 3- | 4' Concrete | | | | |
| 4 | | | | | | | | | | | | | |
| 4 100% SM 4-7' Sand with silt, Light Grey, wet | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 5 6 III-C 5.5-6' | | | | | | | | | | | | | |
| 7 | | | | | SM | | 7-8' San | d with silt. Orar | nge/Light-Dark (| Grev mottled v | vet | | |
| | | | | | | | , 5 54.11 | | | oroginomou, v | | | |
| 8 | | | | | | | | End | of Exploration | | | + | |
| 9 | | | | | | | <u>'</u> | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | l | L | | <u>.</u> | | | <u> </u> | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATION | 1 : | | | |
| TEMPORAL | | | | | No | | mo - | START | | 10/16/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | END DA | ATE: 1 | 0/16/2007 | | | |
| NOTES: | | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | - | В | OR | ING I | юG | | | | | BORIN | G NUMBI | ER: P14-J11 |
|-----------------|----------------------------------|---------|-------|---------------|-----------|-----------|-----------------|---------------|---------|----------|-----------------|--------------------|---------------------|---------------|----------------|
| SHAW | ENV | | | | | Ž. | PROJEC LOCAT | | | | 005 Site Inves | _ | JOB NUM | BER: USACE | 124976 |
| | | | | | | | CONTR | ACTO | R: TVS | 5 | | | DRILLER FIELD RE | : Frank Acc | |
| | | | | SAMPL | | CA | ASING | CC | RE BARR | | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE 10/1 | 6/07' | 1 | | |
| HAMM | ER WEI | | | NA | | | | | | | Groundwater 1 | Depth (feet): | | 6.0' | |
| HAMI | MER FAI | | IPLE | _ NA | | | | $\overline{}$ | | | | | 1 | l | |
| DEPTH (feet) | No. | DEP | | I | REC | 1 | USC Sym | bol | | | DESCRIPTION | ON OF MATE | RIALS | | PID ppm |
| 0 | | | | 1 | 00% | 1 | SM/GV | | | 0-3 | ' Sand and Sil | t with gravel, Li | ght Brown/Oliv | e | |
| 1 | J11-A | 0-0. | .5' | | | +- | | | | | | | | | 0.0 |
| 2 | 73.1 B | 160 | 201 | | | 1 | | | | | | | | | 0.0 |
| | J11-B | 1.5-2 | 2.0 | | | | | | | | | | | | 0.0 |
| 3 | | | | | | $-\Gamma$ | SP | | 3 | 3-4' San | d, Orange Red | Light Brown Ol | live, mottled, m | oist | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | 1 | 00% | - - | SM | | | 4 | -6.5' Sand with | silt, Orange Re | d/Olive, wet | | 0.0 |
| 5 | | | | | | 1 | | | | | | | | | |
| 6 | J11-C | 5,5- | -6' | | | + | | \dashv | | | | | | | |
| 7 | <u> </u> | | | | | - - | SM | | | 6 | 5 8' Cand with | ı silt, Light Grey | /Olive wet | | |
| | | | | | | | - SIVI | | | · | | | | | |
| 8 | | | | | | + | | \dashv | | | Enc | of Exploration | - | | |
| | | | | | | 1 | | | | | | | | | |
| 9 | | | | | | \pm | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
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| 12 | | | | | | 1 | | 二 | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | + | | \dashv | | | | | | | |
| | 1 | | | | | \perp | | | | | | | | | |
| 15 | | | | | | \pm | | \exists | | | | | | | |
| 16 | | | | | | | | | | | - | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mou | nted Geop | robe | Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | | No | | | | | START | DATE: | 10/16/2001 | 7 | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | V FRO | OM: | NA | TO: | NA | END D | ATE: | 10/16/2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | | vals | | | | | | | | | | |

| | | | | E | ORING | LOC | ; | | | | BORING NUMB | ER: P14-K11 | | |
|-----------------|----------------------------------|---------|-------------|--------------------------|-----------|-------|---------------|---------|-----------------|------------------|-----------------------|----------------|--|--|
| | | | | IENTAL & | & PROJ | ECT: | US Army BRAC | 2005 | Site Investig | gation | JOB NUMBER: | 124976 | | |
| IN | TRA | STR | UC | TURE | LOCA | TION: | Charles Woods | Area, I | FTMM, NJ | | CLIENT: USACE | | | |
| | | | | | CON | RACTO | OR: TVS | | | | DRILLER: Frank A | corsi | | |
| | | | | | COLV | | 115 | | | | FIELD REP: R. McCo | rmick | | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | | OF GROUNDWATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA | TE 10/16/0 | '77' | 1 | - | | |
| HAMMI | ER WEIG | | | NA | | | | Gro | oundwater De | pth (feet): | 5.5' | | | |
| нами | MER FAI | | IPLE | NA | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC S | | | | | OF MATER | | PID ppm | | |
| 0 | K11-A | 0-0. | 5' | 100% | SM | GP | 0-3' S | and a | nd Silt, Light | Brown/Olive, | trace gravel, asphalt | 0.0 | | |
| I | | | | | | | | | | | | 0.0 | | |
| _ 2 | K11-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 | | |
| 3 | | | | | M | L | | | 3-3.5' Silt, C | Olive Green, as | phalt | | | |
| | | | | | SI | 1 | | | 3.5-4' Sand v | vith silt, Tan/C | Prange | | | |
| 4 | | | | 100% | S | И | 4-8' S | and w | ith silt, Light | t Grey Tan/Or | ange, mottled, wet | 0.0 | | |
| 5 | | | | | | | | | | | | | | |
| 5 K11-C 5-5.5' | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7 | | | | | - | | ł | | | | | | | |
| 8 | | | | | ļ | | | | End o | f Exploration | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | ļ | | | | | | | |
| 10 | | | | | | | 1 | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| | | - | | | | - | | | | | | | | |
| 12 | - | | | | | | | | | | | + | | |
| 13 | | | | | | |] | | | | | | | |
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| 14 | | | | | | | , | | | | | | | |
| 15 | | | | | | | 1 | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Τπ | uck-mounted Geo | orobe Rig | | | | SURFAC | E ELEVATIO | N: | | | |
| TEMPORA | | | ALLEI | D: | No | | | | START D | | 10/16/2007 | | | |
| RISER FRO | | NA | то: | NA SCREE | | N/ | A TO: NA | | END DAT | | 10/16/2007 | | | |
| NOTES: | | | | · · | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | _ | | В | ORING | LOG | | | | BORIN | G NUMBI | ER: P14-K12 |
|-----------------|------------------------------------|------------|------------|--------------------------|--------------|----------|--------------|------------------|-------------------|-------------------------|-------------|----------------|
| | | | | IENTAL & | PROJEC | | US Army BRAC | | _ | JOB NUM CLIENT: DRILLER | USACE | 124976 |
| | | | | | CONTR | ACTO: | R: TVS | | | | P: R. McCor | |
| | • | | | SAMPLER | CASING | C | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 10/1 | 6/07' | - | | |
| | ER WEIG | 3HT | | NA NA | | | | Groundwater | Depth (feet): | | 6.5' | + - |
| | MER FAI | | | NA | | Ĺ., | | İ | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION | ON OF MATER | RIALS | | PID ppm |
| 0 | | | | 100% | SM/G\ | N | 0- | 2' Silt and Sand | , Light Brown/O | live, little grave | i | |
| 1 | K12-A | 0-0 | .5' | | | | | | | | | 0.0 |
| 2 | K12-B | 1.5-2 | 2.0' | | SM | | | 2-4' Sand an | d Silt, Tan/Orang | ge,moist | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | 1000/ | | | 4.0 | 10 | Light Grey Tan, | | | |
| 4 | | | | 100% | SM | | 4-8 | Sand with siit, | Light Grey Tan, | trace clay, wei | | 0.0 |
| 5 | | | | | | \Box | | | | | | |
| 6 | | | | | | | | | | | | |
| | K12-C | 6-6 | .5' | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | - | | | Enc | l of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | - | <u> </u> | | | | | | | |
| 10 | _ | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | \Box | | | | | | | | | | | |
| 12 | | | | | + | \dashv | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | _ | - | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 10/16/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | I FROM: | NA | TO: NA | END D | ATE: | 10/16/2007 | | |
| NOTES: | | | | | | | | _ | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | I | ORING I | LOG | } | <u> </u> | | BORING | NUMBE | CR: P14-K13 |
|-------------------------------|--|---------|------------|--------------------------|-----------|------|-----------------|----------------------------|------------|----------------|-----------|----------------|
| SHAW | ENY | /TRC | NN | TENTAL | PROJEC | CT: | US Army BRAC | 005 Site Investigation | | JOB NUMB | ER: | 124976 |
| | | | | TURE | | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | | | | | FIELD REP | R. McCor | mick |
| | | _ | | SAMPLER. | CASING | | ORE BARREL | | ЕРТН С | F GROUND | VATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/16/07' | | | | |
| HAMMI | | | | NA NA | | | | Groundwater Depth (fee | :t): | | 10.0' | |
| HAMI | MER FAI | | IPLE | NA | | ۰ | | | | | | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | DESCRIPTION OF M | IATERI. | ALS | | PID ppm |
| 0 | K13-A | 0-0. | - | 100% | SM/G | | | 0-2' Silt and Sand, Olive | Brown, | trace gravel | | |
| 1 | K13-A | 0-0. | 3 . | | | | | | | | | 0.0 |
| 2 | K13-B | 1.5-2 | 2.0' | | SM | | | 2-3.5' Sand and Silt, (| Orange B | rown | | 0.0 |
| 3 | | | | | SM | | 25.416 | and with silt, Light Grey | ı/Oronac | mottled mei- | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-8' S | and with silt, Light Grey, | Orange, | mottled, moist | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 8 | | | | | SM | | 8-10. | 5' Sand with silt, Light E | Brown/Li | ght Grey, wet | | 1 |
| 9 | | | | | | | | | | | | |
| 10 | K13-C | 9.5-1 | 0.0' | | | _ | | | | | | |
| 11 | | | | | ОН | | | 10.5-12' Clay and organ | nics, Blac | ck, wet | | |
| 12 | | | | | | | | End decode | | | | |
| 12 | | | | | 1 | | | End of Explo | ration | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| | | | | - · | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | 1 | | | |
| DRILLING | RIG TYI | PE: | Tr | ick-mounted Geor | orobe Rig | | | SURFACE ELEV | 'ATION: | : | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | | 10/16/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | 10 | /16/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | _ |

| | | | | E | OR | ING I | oG | | | | | BORING | S NUMBE | CR: P14-K14 |
|-----------------|------------------------------------|---------|------|--------------------------|-------|---------------------------|------|-----------------|--------|---------------------------|--------|---------------------------------|--------------------|----------------|
| | | | | IENTAL & | Š. | PROJEC LOCATI CONTR | ion: | Charles Woods A | | Site Investigation | | JOB NUMI CLIENT: DRILLER: | USACE Frank Acc | 124976 orsi |
| | | | | | | | | | | | | FIELD RE | P: R. McCon | nick |
| | | | | SAMPLER | CA | SING | С | ORE BARREL | Ļ | | TH OI | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA | TE 10/16/07' | 1 | | | |
| HAMM | ER WÉIC | | | NA | | | | | Gro | oundwater Depth (feet): | | | 6.0' | |
| HAMI | MER FAI | | IPLE | NA | | | | | _ | | | | - | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DE | SCRIPTION OF MAT | ERIA | LS | | PID ppm |
| 0 | | | | 100% | T | SM/GV | | | 0-1' 5 | Silt and Sand, Brown, lit | le gra | vel, asphalt | | I |
| 1 | K14-A | 0-0 | .5' | | \pm | | | | | 1-2' asphalt | | | | 0.0 |
| 2 | K14-B | 1.5-2 | 2.0' | | | SM | | | | 2-4' Sand with silt, Oliv | Brov | vn | | 0,0 |
| 3 | | | | | | - | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | - | | | 100% | + | SM | | 4 | -8' S | and and Silt, Light Grey, | trace | clay, wet | | 0.0 |
| 5 | | | | | 1 | | | | | | | | | |
| 6 | K14-C | 5.5-0 | 6.0' | | + | | | | | | | | | |
| 7 | | | | | + | | | | | | | | | |
| | | | | | _ | | | | | F-1-6F-1 | _ | | | |
| 8 | 1 | | | | + | | | | | End of Exploration | n | | | |
| 9 | | | | | _ | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | \vdash | | | | - | | | | | | | | | |
| 11 | | | | | | - | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 12 | | | | | _ | <u>-</u> | | | | | | | | |
| 13 | | | | | _ | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | - | | + | | | | | | | | | |
| 16 | | | | | - | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | \Box | SURFACE ELEVAT | ION: | · - | | |
| TEMPORA | | | | | No | | | | | START DATE: | | 10/16/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | OM: | NA | TO: NA | | END DATE: | 10/ | 16/2007 | | |
| OTES: | | | | | | | | | | | | l . | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | |] | BOI | RING I | COG | · | | | | BORING | NUMBEI | R: 14-K15 |
|---|----------------|---------|------------|--------------------------|-----------|---------|------|--------------|---------|------------------|----------------------|-----------------|-------------|--------------|
| SHAW | ENV | /TRC | NN | TENTAL : | & | PROJEC | CT: | US Anny BR | AC 20 | 005 Site Investi | igation | JOB NUMB | | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Wood | ls Are | a, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | | | FIELD REP | : R. McCorm | ick |
| _ | | | | SAMPLER | C. | ASING | С | ORE BARREL | | | | OF GROUND | VATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | DATE 10/16/ | /07' | | | |
| HAMMI | ER WEIG | | | NA | | | | | | Groundwater D | epth (feet): | | 8.0' | |
| HAM | MER FAI | | | NA | | | | | | | | | _ | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | bol | | | | N OF MATER | | | PID ppm |
| 0 | K15-A | 0-0 | 51 | 100% | _ | SM/GV | v | | 0- | l' Silt and Sand | d, Brown, little | gravel, asphalt | | 0.0 |
| 1 | KIJ-A | 0-0 | | - | # | SP | | 1 | -2' Sa | ind, Red Orang | e, little silt, trac | e coarse gravel | | 0.0 |
| 2 | K15-B | 1.5-2 | 2.0' | | _ | CL | | | 2 | 2-4' Silty Clay, | Dark Green/Ol | ive,moist | | 0.0 |
| 3 4 4 100% SP 4-7' Sand, Olive Green/Dark Grey, moist (| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 100% SP 4-7' Sand, Olive Green/Dark Grey, moist 0.0 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | SM | | 7 | '-8' Sa | nd with silt. Li | ight Grey/Orang | e, mottled, wet | | |
| | | | | | | | | • | 0 5- | | | ,,, | | |
| 8 | K15-C | 7.5- | 3.0' | | + | | | | | End | of Exploration | | | |
| 9 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 01 | | | | | \dashv | | | | | | | | | |
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| 15 | | - | | | | | | | | | | | | <u></u> |
| 16 | | | | | | | | | | 1 | | | | |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geo | probe | Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | | START | DATE: | 10/16/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: | NA | END DA | TE: | 0/16/2007 | | |
| NOTES: | | | | | | | | • | | · | | | | |
| PID mez Depths i NA≕not | neasured | from gr | | a 6" intervals urface | | | | | | | | | | |

| | | | | E | ORING | LOG | - | | | BORING NU | MBER: P14-K16 | \neg |
|-----------|------------------------------------|------------|-------|---------------------------|-----------|------|----------------|--------------------|-------------------|---------------------------|--------------------------|-----------|
| | | | | ENTAL & | & PROJE | | US Army BRAC | | | JOB NUMBER: CLIENT: US | 124976 ACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Fra | ink Accorsi McCormick | |
| | | | | | | 1 | | г | | <u> </u> | | \dashv |
| | TYPE _ | | | SAMPLER robe MacroCore | CASING | | ORE BARREL | DATE 10/16 | | OF GROUNDWATE | ER | \exists |
| | ZE (ID) ER WEIG | ידענ | | 2" NA | | | | Groundwater D | enth (feet): | 7.0' | | |
| | MER FA | | | NA NA | | | | Olouluwalei L | Jepui (ieet). | 7.0 | | |
| DEPTH | No. | SAN DEP | IPLE | REC | USC Syn | nhol | • | DESCRIPTIO | N OF MATERI | ATS | PID | |
| (feet) | No. | DEF | IH | | | | | | | | ppm | |
| 0 | K16-A | 0-0. | 5' | 100% | SM/G | Р | | 0-2' Silt and | Sand, Brown, litt | le gravel | 0.0 | |
| 1 | 1 | | | | | | | | | | <u> </u> | |
| 2 | K16-B | 1.5-2 | 2.0' | | SM/G | P | 2-4' Sand with | ı silt, Light Grey | y Brown/Red Ora | nge, trace gravel,moi | st 0.0 | _ |
| 3 | | | | | | | • | | | | | |
| 4 | | | | 100% | SM | | 4-8' Sa | nd with silt, Lig | ht Grey/Red Oran | ge, mottled, wet | 0.0 | |
| 5 | | | | | | | | | | | | |
| 6 | <u> </u> | | | <u> </u> | | | | | | | | _ |
| 7 | K16-C | 6.5- | 7.0' | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | _ |
| 9 | | | | | | | | | | | | _ |
| 10 | | | | | | | | | | | | |
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| 12 12 | - | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | _ |
| 16 | + | | | | _ | | | | | | - | _ |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe Rig | | | SURFA | CE ELEVATION | ·: | <u> </u> | _ |
| TEMPORA | RY WEI | L INST | ALLEI | D : | No | | | START | DATE: | 10/16/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: 10 | 0/16/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | I | BORING | LOG | - | | | | | BORING N | | R: P14-L11 |
|---|----------|---------|-------|----------------------------|--------------|------|-----------------|---------|---------------|---------------|---------|--------------------|-----------|---------------|
| SHAW | EN | VIRO | NN | ŒNTAL (| & PROJE | CT: | US Army BRAC | 2005 | Site Investi | igation | | JOB NUMBER | | 124976 |
| | | | | TURE | ŀ | TON. | Charles W. J. A | - | T) 43 4 3 4 4 | | | CLIENT: U | SACE | |
| | | | | | LOCAT | ION: | Charles Woods A | rea, F | IMM, NJ | | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | | | | rank Acco | |
| | | | | | | | | | | | _ | FIELD REP: R | R. McCorn | nick |
| | ГҮРЕ | | | SAMPLER brobe MacroCore | CASING | | ORE BARREL | DAT | E 10/16 | | TH OI | F GROUNDWA' | TER | |
| SIZ | ZE (ID) | | GCO | 2" | | | | | | | | | | |
| | ER WEIG | | | NA NA | | - | | Grou | ndwater D | epth (feet): | - | 6.5 | , | |
| | | SAN | IPLE | | | | - | _ | | | | | - | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | nbol | | DES | CRIPTIO | N OF MAI | ERIA | LS | | PID ppm |
| 0 | LI1-A | 0-0. | 51 | 100% | SP | | 0-2 | .5' Sar | d with gra | vel, Light B | rown/(| Olive, little silt | | |
| 1 | | | ., | | | | | | | | | | | 0.0 |
| 2 | L11-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | SM | | | 2.5 | 5-4' Sand a | nd Silt, Oraı | ige Bro | own | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 100% SM 4-8' Sand with silt, Light Grey/Orange, trace clay,mottled, wet 0.0 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | LII-C | 6-6. | .5' | | | - | | | | | | | | |
| 7 | | | | | _ | | | | | | | | | |
| 8 | | | | | | | | | End | of Explorati | on | | | |
| 8 | | | | | - | | | | | | | | | |
| 9 | ļ | | | | | | | | | | | | | |
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| 13 | - | | | | + | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
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| 15 | <u> </u> | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ick-mounted Geoj | orobe Rig | | | | SURFAC | E ELEVAT | ION: | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | START I | DATE: | | 10/16/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREET | FROM: | NA | TO: NA | | END DA | TE: | 10/1 | 6/2007 | | |
| NOTES: | | | | | - | | | | | | | | | |
| | neasured | from gr | | a 6" intervals urface | | | | | | | | | | |

| | | | - | | ВО | RING I | LOG | | | | BORING | G NUMBI | CR: P14-L12 |
|-----------------|------------------------------------|--------|------|-------------------------|-----------|-------------|------|-------------|---------|---------------------------------------|--------------|-------------|----------------|
| SHAW | EN | /IRC | NV | ENTA | T. & | PROJEC | CT: | US Army BR | AC 20 | 05 Site Investigation | JOB NUM | BER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woo | ds Area | a, FTMM, NJ | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACIO | K, 175 | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | | CASING | С | ORE BARREL | | | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Macro | Core | | | | | DATE 10/17/07' | | | |
| HAMM | ER WEIC | | | NA | | | | | | Groundwater Depth (feet): | | 6.0' | |
| HAM | MER FAI | | IPLE | NA | | | | | | | | | + |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ıbol | | Γ | DESCRIPTION OF MATERI | | | PID ppm |
| 0 | L12-A | 0-0. | 5, | 1009 | % | SM | | | | 0-3' Sand and Silt, Olive/Oran | ge Brown | | 0.0 |
| i | LIZ-X | | | | | | | | | | | | |
| 2 | L12-B | 1.5-2 | 2.0' | , | | | = | | | | | | 0.0 |
| 3 | | | | | | SM | = | | 3-4 | 'Silt and Sand, Light grey Gree | n/Orange | | |
| 4 | | | | | | | | | | -7.5' Sand and Silt, Light Grey/ | | | |
| 5 . | | | | 1009 | % | SM | | | 4 | -7.5' Sand and Sirt, Light Grey/ | ian, wei | | 0.0 |
| | | | | | | | | | | | | | |
| 6 | L12-C | 5.5-0 | 5.0' | | | | _ | | | | | | - |
| 7 | | | | | | OL | | | | 7.5-8' Silt and organics, Black | , wet | | |
| 8 | | | | | | | - | | | End of Exploration | | | |
| | | | | | | | | | | | | | |
| 9 , | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | . | | |
| DRILLING | RIG TY | PE: | Tr | ck-mounte | d Geoprol | be Rig | | | | SURFACE ELEVATION | : | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | • | | | | START DATE: | 10/17/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SC | CREEN F | ROM: | NA | TO: | NA | END DATE: 10 | /17/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths : | asuremen measured t applicab | from g | | o 6" interval urface | s | | | | | | | | |

| | | | | F | ORING | LOC | 3 | | BORING NUMB | ER: P14-L13 |
|-------------------------------|--------------------|---------|-------|--------------------------|-----------|----------|-----------------|---|--------------------|----------------|
| SHAW | EN | /IRC | NN | ŒNTAL & | PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | - | | | | CLIENT: USACE | |
| | | | | | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | | |
| | | | | | CONTI | LACTO | OR: TVS | | DRILLER: Frank Ac | ecorsi |
| | | | | | | | | | FIELD REP: R. McCo | rmick |
| | m.m.n | | | SAMPLER | CASING | | ORE BARREL | | TH OF GROUNDWATER | |
| SIZ | TYPE ZE (ID) | | Geop | orobe MacroCore 2" | | | | DATE 10/17/07' | | |
| HAMMI HAMN | ER WEIG MER FAI | | | NA NA | | - | | Groundwater Depth (feet): | 6.5' | |
| DEPTH | No. | SAM | IPLE | REC | USC Syr | nhol | | DESCRIPTION OF MAT | PRIALS | DID |
| (feet) | 110. | DEI | 111 | | | | | | | PID ppm |
| 0 | L13-A | 0-0. | .5' | 100% | SM/G | <u> </u> | | 0-1' Silt and Sand, Brown | i, trace gravel | 0.0 |
| 1 | | | | | SM | | | 1-2' Sand and Silt, Oran | ge Brown | |
| 2 | L13-B | 1.5-2 | 2.0' | | SM | | 2-4' S | and with silt, Light Grey Gre | en/Orange, mottled | - 0.0 |
| 3 | | | | - | <u> </u> | | | | • | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | SM | | - | 4-7.5' Sand with silt, Light (| Grey/Tan, wet | 0.0 |
| 5 | | | | | - | | ٠. | | | |
| 6 | L13-C | 6.0-6 | 5.5' | | - | | | y | | |
| 7 | 5.50 | 0.0 | ,,,, | | 01 | | | | | |
| 8 | <u> </u> | - | | | OL | | | 7.5-8' Silt and organics, I End of Explorati | | |
| 8 | | | | | | | | | | |
| 9 | } | | | | | | | | | |
| 10 | ļ <u>.</u> | | | | _ | | | | | |
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| 16 | | | | | <u> </u> | | | | | |
| DRILLING | RIG TY | PĒ: | Tn | uck-mounted Geop | orobe Rig | | | SURFACE ELEVAT | ION: | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | 10/17/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | 10/17/2007 | |
| NOTES: | | | | | | | - | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | |

| | | | | E | ORING I | LOG | | | | BORING | G NUMBI | CR: P14-L14 | | |
|---|------------------------------------|---------|------|--------------------------|-----------|---------|----------------|-----------------|-------------------|--------------------|---------------|----------------|--|--|
| | | | | ENTAL & | & PROJEC | | JS Army BRAC 2 | | igation | JOB NUM CLIENT: | BER: USACE | 124976 | | |
| | | | | | CONTEN | . CTOD. | TT ZO | | | DRILLER | Frank Acc | orsi | | |
| | | | | | CONTR | ACTOR: | TVS | | | FIELD RE | P: R. McCor | mick | | |
| | EVDE: | | | SAMPLER | CASING | COR | E BARREL | DATE 10/17 | | OF GROUND | WATER | | | |
| SI | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | | | | | |
| | ER WEIC MER FAI | | | NA NA | | | | Groundwater D | Depth (feet): | | 6.0' | | | |
| | | SAN | | | | | | | | | · | 1 | | |
| DEPTH (feet) | No. | DEP | ГН | REC | USC Syn | nbol | | | ON OF MATER | | | PID ppm | | |
| 0 | L14-A | 0-0. | 5' | 100% | SM | | | 0-2' Silt a | and Sand, Olive I | Brown | | 0.0 | | |
| 1 | LIT-A | | _ | | | | | | | | | | | |
| 2 | L14-B | 1.5-2 | 2.0' | | SM | | 2-4' \$ | and and Silt, L | ight Grey Green/ | Orange, moist | | 0.0 | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 100% SM 4-8' Sand with silt, Light Grey/Tan, wet 0. | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 L14-C 5.5-6.0 | | | | | | | | | | | | | | |
| 7 | | | | | , v | | | | | | | | | |
| | | | | | | | | F. 4 | - 6T1 | | | | | |
| 8 | | | | | | | | Enu | of Exploration | | | | | |
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| 16 | | | | <u> </u> | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geo | probe Rig | | | SURFA | CE ELEVATION | 1: | | | | |
| TEMPORA | RY WEL | .L INST | ALLE | D: , | No | | | START | DATE: | 10/17/2007 | , | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA · | TO: NA | END DA | ATE: 1 | 0/17/2007 | | | | |
| NOTES: | | | - | | _ | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | a 6" intervals urface | | | | | | | | | | |

| | | | | F | BORING | 3 LOC | 3 | - | | BORING NUMBI | ER: P14-L15 | | |
|-------------------------------|--------------------|--------------|-------------------|--------------------------|--------------|--------|-----------------|-------------------|-------------------|---------------------|----------------|--|--|
| CHAW | TENT | TD(| | MENTAL & | PRO | JECT: | US Army BRAC | 2005 Site Investi | gation | JOB NUMBER: | 124976 | | |
| | | | | | × | | | | | CLIENT: USACE | | | |
| II. | (PKA | 7211 | (UC | TURE | roc | ATION: | Charles Woods A | rea, FTMM, NJ | | CDIENTI. SONCE | | | |
| | | | | | | | | | | DRILLER: Frank Acc | orsi | | |
| | | | | | CON | TRACTO | OR: TVS | | | FIELD REP: R. McCor | mick | | |
| | | | | | | | | | | TIELD REIT. R. MCCO | IIIÇK | | |
| | ГҮРЕ | | _ | SAMPLER | CASING | ; (| CORE BARREL | n.m | | OF GROUNDWATER | | | |
| | ZE (ID) | | Geop | probe MacroCore 2" | | | | DATE 10/17/ | 1 <u>07</u> | | | | |
| HAMMI | ER WEIO MER FAI | | Ι | NA NA | | | | Groundwater D | epth (feet): | 6.0' | | | |
| AMMIN | AEK FAI | | MPLE | INA | | — | | !! | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC S | Symbol | | DESCRIPTION | N OF MATER | IALS | PID ppm | | |
| 0 | L15-A | 0-0 |) 5' | 100% | _ SM | I/GP | | 0-1' Silt and S | Sand, Brown, tra | ace gravel | 0.0 | | |
| 1 | 2.5-21 | | | | - 5 | SP | 1-2.5' | Sand, Olive Yel | low Green/Dark | Grey, little silt | 0.0 | | |
| 2 | L15-B | 1.5-: | 2.0' | | + | | | | | | 0.0 | | |
| | | | | | S | М | 2.5-4' | Sand with silt, C | Olive Light Grey | Green/Orange | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | <u> </u> | | 1009/ | | · | ļ | A 71 Cand with | aila I imha Canad | T | | | |
| | | ran, wet | 0.0 | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 6 | L15-C | 5.5-0 | 6.0' | | | |] | | | | | | |
| 7 | / | | \longrightarrow | <u> </u> | | DL . | ł | 7-8' Silt and | organics, Black | wet | | | |
| | | | | | # | | | | _ | , 1101 | | | |
| 8 | | | | <u> </u> | | | | End (| of Exploration | | | | |
| 9 | [' | <u> </u> | | | - | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | |
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| 15 | | | - | | | | | | | | <u> </u> | | |
| 16 | | Ĺ | | | | | <u>i</u> | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe Rig | | | SURFAC | E ELEVATION | 1 : | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | START I | DATE: | 10/17/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | N FROM: | NA | A TO: NA | END DA | TE: 1 | 0/17/2007 | | | |
| NOTES: | | | | | _ | | | | | 1 | | | |
| PID mea Depths n NA=not | measured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | B | ORI | NG I | .OG | | | | BORI | NG N | | R: P14-L16 |
|-----------------|----------------------------------|----------|-------|--------------------------|---------|--------|----------|------------------------------|---------------|---------------------|-----------------|-----------------|----------|--|
| | | | | ENTAL & | & | PROJEC | | US Army BRAC Charles Woods A | | _ | JOB NI | JMBER: T: U: | SACE | 124976 |
| | | | | | | CONTR | A CTO | R: TVS | | | DRILL | ER: Fi | ank Acco | orsi |
| | | | | | | CONTR | AC10 | K: 1V5 | | | FIELD | REP: R | . McCorn | nick |
| | | | | SAMPLER | CAS | SING | C | ORE BARREL | | | I OF GROU | NDWAT | ER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 10 | 11//07 | Т | - | | + |
| HAMM | ER WÉIC | | | NA | | | | | Groundwate | r Depth (feet): | | 5.5 | | |
| HAMI | MER FAI | | CDL E | NA | | | | | <u> </u> | | .l | | | |
| DEPTH (feet) | No. | DEP | TH | REC | U | SC Sym | bol | | | TION OF MATE | | | | PID ppm |
| 0 | 7 16 A | 0-0 | - | 100% | | SM/GV | v | | 0-2' Silt and | Sand, Olive Brow | n, trace grav | el | | 0.0 |
| 1 | L16-A | 0-0. | .5 | | | | | | | | | | | 0.0 |
| 2 | L16-B | 1.5-2 | 2.0' | | | SM/GV | v | 2-4' | Sand and Silt | , Light Green/Ora | nge, little gra | vel | | 0.0 |
| 3 | | | | | | | = | | | | | | | |
| 4 | | | | | | | | | 4.5.51.01 | 20. 20. 1 (1. 0) | · · | | | |
| 4 | | | | 100% | | SM | | | 4-3.3° Sand 1 | with silt, Light Gr | ey/1an, wei | | | 0.0 |
| 5 | - | (| | | | OL | | | 5 5-8' 516 | and organics, Bla | ck wet | | | |
| 6 | L16-C | 5.0-: | 5.5' | | | - 02 | 二 | | 0.0 0 0 | . аа о.дао., 2 | , | | | |
| 7 | | | | | + | | | | | | | | | _ |
| 8 | | | | | + | | | | E | ind of Exploration | 1 | | | |
| 9 | | | | | _ | | | | | | | | | |
| 10 | | | | | + | | | | | | | | | |
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| 12 | \vdash | | | | + | | \dashv | | | | | | | <u> </u> |
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| 14 | ļ | | | | - | | | | | | | | | |
| 15 | | | | <u> </u> | | | | | | | | | | |
| 16 | | | | | | | | | - | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe R | lig | | | SURI | FACE ELEVATION | ON: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | | RT DATE: | 10/17/2 | 007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | M: | NA | TO: NA | END | DATE: | 10/17/2007 | | | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | , | | | I | BOI | RING | LOC | | • | | | I | BORIN | G NUMBE | CR: P14-L17 |
|-----------------|--|---------|------------|--------------------------|----------|---------|----------|--|----------|-------------|-------------------|----------|------------|-------------|--|
| SHAW | / ENV | ZIR(| IN | ÆNTAL . | R, | PROJEC | CT: | US Army BRAC | 2005 Si | ite Investi | igation | J | OB NUM | BER: | 124976 |
| | | | | TURE | SC | ĺ | | | | | | - | CLIENT: | USACE | |
| | NIP INA | TO T T | LUC. | IUKE | | LOCAT | ION: | Charles Woods A | rea, FT | MM, NJ | | ľ | | 33.132 | |
| | | | | | | CONTEN | | ND / / / / / / / / / / / / / / / / / / / | | | | ī | RILLER | : Frank Acc | orsi |
| : | | | | | | CONTR | ACIC | OR: TVS | | | | F | FIELD RE | P: R. McCon | nick |
| | | | | SAMPLER | C | ASING | | ORE BARREL | | | DEDTI | I OF | CROUNT | WATER | |
| | ГҮРЕ | | | orobe MacroCore | <u> </u> | asing_ | <u> </u> | | DATE | E 10/17/ | | 1 OF | GROONL | WAIEK | |
| | ZE (ID) | | | 2" | | | | | | | | | | | |
| HAMM HAMI | MER FA | | | NA NA | - | | | | Groun | idwater D | epth (feet): | - | | 7.5' | |
| 1200 | ·ILIC 170 | | IPLE | - NA | | | | | <u> </u> | | | | | ! <u>-</u> | + |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ibol | | DESC | CRIPTIO | N OF MATE | RIAL | s | | PID ppm |
| 0 | | | <i>-</i> - | 100% | \perp | SM/GI | P | | 0-2' Sil | lt and San | d, Olive Brow | n, trac | ce gravel | | |
| 1 | L17-A | 0-0 | .5. | | + | | | | | | coal | | | | 0.0 |
| | | | | | | | | | | | **** | | | | |
| 2 | L17-B | 1.5-2 | 2.0' | - | _ | SM | | 2- | -4' Sand | d with silt | t, Yellow Gree | n/Dari | k Grey | | 0,0 |
| 3 | - | | | | _ _ | | | | | | | | | | |
| 4 | | | | | - | | | | | | | | | | |
| 4 | | | | 100% | | SM | | 4-7' San | d and S | Silt, Light | Grey/Tan/Ora | ange,n | nottled, m | oist | 0.0 |
| 4 | | | | | | | | | | | | | | | |
| - | ├── | | | | - - | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | - - | OL | | , | 01 0:14 | and areas | sian Dinale lise | J., al., | | | |
| ' | L17-C | 7.0-1 | 7.5' | | + | OL. | | · · | -0 2110 | and organ | nics, Black, litt | tie cia | y, wet | | |
| 8 | | | | | \Box | | | | | End | of Exploration | | | | |
| - 8 | ļ; | | | | + | | | | | | | | | | |
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| 10 | | | | | _ | | | | | | | | | | |
| <u>''</u> | · | | - | | + | | | | | | | | | | |
| _ 11 | | | | | \Box | | | | | | | | | | |
| 12 | | | | | \dashv | | | | | | | | | | |
| 12 | | | | | \perp | | | | | | | | | | |
| 13 | | | | | \perp | | | | | | | | | | ļ |
| | | | | | \dashv | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | -, | | | | | | | | <u> </u> |
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| 16 | | | | | ļΓ | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | probe | Rig | | | | SURFAC | E ELEVATIO | N: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | | START I | DATE: | 1 | 0/17/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | | END DA | TE: | 10/17 | /2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths 1 | asuremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | | | |

| | | | | | ВО | RING I | LOG | | | | BORING | | R: P14-L18 |
|-----------|------------------------------------|--------|--------------|------------------------|------------|---------|----------|---------------|--------|--------------------------------|--|------------------|--|
| SHAW | | | | IENTA TURE | | LOCATI | ION: | Charles Woods | | Site Investigation | JOB NUMBI CLIENT: DRILLER: FIELD REP: | USACE Frank Acco | 124976 orsi |
| | | | | SAMPLER | | CASING | C | ORE BARREL | Т | DEPTH (| OF GROUNDW | /ATER | |
| | TYPE | | Geop | robe Macro | Core | | | | DA | TE 10/17/07' | | | ļ |
| | ZE (ID) ER WEIC | GHT | | 2" NA | - | | | | Gro | oundwater Depth (feet): | <u> </u> | 5.0' | |
| | MER FAI | | | NA | | | | | | | | | |
| DEPTH | No. | SAN | IPLE | RE | ·C 1 | USC Sym | hol | | ŊF | SCRIPTION OF MATERI | IALS | | PID |
| (feet) | 140. | UEP | 111 | | | | | | | | | | ppm |
| 0 | 7.10. | | | 100 | % | SM/GF | <u>'</u> | | 0-1.5 | ' Silt and Sand, Light Brown | , trace gravel | | 0.0 |
| 1 | L18-A | 0-0 | .5' | | | | | | | | | | |
| | ļ | | | | | SM | \Box | | 1.5-4 | ' Sand and Silt, Yellow Gree | en/Orange | | |
| 2 | L18-B | 1.5- | 2.0' | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 . | | | | | | | | | | | | | |
| 4 . | +- | | | 100 |)% | SM | | 4-7.5' Sand a | nd Sil | t, Light Grey Green/Tan,trac | e clay, wet, iron | staining | 0.0 |
| | | | | | | | | | | | | | |
| 5 | L18-C | 4.5- | 5.0' | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | 1 | | | - | | | | | | | | | ļ |
| ' | - | | | | | OL | | | 7 | .5-8' Silt and organics, Black | c, wet | | |
| 8 | | | | | | | | | | End of Exploration | | | |
| | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | 1 |
| 10 | ļ | | | | | | _ | | | | | | |
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| 12 | | | | | | | | | | | | | |
| 12 | - | | | - | | | | | | | | | <u></u> |
| 13 | | | _ | - | | | | | | | | | |
| 14 | + | | | | | | | | | | | | — |
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| 15 | | | | | | | [| | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounte | ed Geoprot | e Rig | | | | SURFACE ELEVATION | 1 : | | |
| TEMPORA | | | | | No | = | | | | START DATE: | 10/17/2007 | | |
| | | | | | | | NIA | TO: N | | | 0/17/2007 | | |
| RISER FRO | JIVI: | NA | TO: | NA S | CREEN F | NOIVI. | INA | TO: N. | | END DATE: 1 | -1 | | |
| Depths | asuremen measured t applicab | from g | | n 6" interva urface | ils | | | | | | | | |

| | | | | | во | RING | LOG | | | | BORIN | G NUMBI | ER: P14-L19 |
|--|--|--|-------------|--------------------------|----------|----------|-------------|-----------------|---------------------|------------------|---------------|--------------|----------------|
| SHAW | EN | VIRC |)NN | TENTAI | . & | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | , | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | : Frank Acc | corsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | | CASING | | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE | | Geor | robe MacroCo | re | | | | DATE 10/18 | /07' | | | ļ |
| | ZE (ID) ER WEI | GHT | - | NA | - - | | | | Groundwater I | Penth (feet): | | 8.5' | |
| | MER FA | | 1 | NA NA | \dashv | | | | O O LOLLING WATER L | Jepin (leet). | | 0.5 | |
| | | | IPLE | | | | • | | | | | ' | 1 |
| DEPTH (feet) | No. | DEP | | REC | | USC Syn | | | | ON OF MATER | | | PID ppm |
| 0 | ļ.,, | | | 100% | | SM/G | P | | 0-1' Silt and | Sand, Brown, tr | ace gravel | | |
| 1 | L19-A | 0-0 | .5. | | \dashv | SM/G | P | 1-3.5' Sa | nd and Silt and | Gravel, Olive B | rown/Dark Ora | nge | 0.0 |
| • | t | | | - | | 31111 (1 | www DIN MIG | C.u.v., Onvo D | | 50 | | | |
| 2 | L19-B | 1.5-: | 2.0' | | | | 0.0 | | | | | | |
| | ├ ── | ļ | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | oicon. | | - | | | | | | | | | | |
| 4 100% SM 4-8' Sand with silt, Dark Olive Green/Yellow Orange, moist | | | | | | | | | | | | | |
| SM 3.5-4' Sand and Silt, Olive Green | | | | | | | | | | | | | |
| SM 3.5-4' Sand and Silt, Olive Green 4 100% SM 4-8' Sand with silt, Dark Olive Green/Yellow Orange, moist | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| | | | | , | | | | ľ | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | - | | | | | | | | | | | | <u> </u> |
| 8 | | | | | \dashv | SM | | | 4-8' Sand and | d Silt, Dark Bro | vn. wet | | |
| | L19-C | 8.0- | 8.5' | - | | | | | | , | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | - | | | - | | | | | | |
| 10 | 1 | | | | | OL | | | 10.5-12' Silt a | nd organics, Bla | ick, wet | | |
| 11 | | | | | | | | | | | | | |
| L., | ļ | | | | [| | | | | en | | | |
| 12 | \vdash | | | | _ | | | | End | of Exploration | | | + |
| ''' | | | | | | | | | | | | | |
| 13 | 1. | | | | | | | | | | | | |
| <u> </u> | | <u> </u> | | | | | | | | | | | |
| 14 | | | | | _ | - | | | | | | | |
| 15 | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 16 | | <u> </u> | | | 1 | | | | | | | | 1 |
| DRILLING | RIG TY | PE: | Tr | uck-mounted C | eoprol | be Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | Ye | s | | | START | DATE: | 10/18/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCR | EEN F | ROM: | 7' | TO: 12' | END DA | ATE: | 0/18/2007 | | |
| NOTES: | | | | | | | | | l | | 1 | | |
| PID mea | asuremen measured applicat | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | - | <u> </u> | B | ORING | LOG | ; | | | | BORI | NG NUMB | ER: P14-L20 |
|-----------------|----------------------------------|---------|----------|--------------------------|---------|----------|---------------|---------|-------------|------------------|----------------|--------------|----------------|
| SHAW | EN | /IRC |)NM | IENTAL & | & PROJE | CT: | US Army BRA | C 2005 | Site Invest | igation | JOB NU | JMBER: | 124976 |
| IN | VFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods | Area, | FTMM, NJ | | CLIEN' | T: USACE | |
| | | | | | CONTR | ACTO | R: TVS | | | | DRILL | ER: Frank Ac | corsi |
| | | | | | 00.112 | | | | | | FIELD | REP: R. McCo | rmick |
| | rimr. | | | SAMPLER | CASING | С | ORE BARREL | - IDA | TE 10/17 | | OF GROU | NDWATER | |
| SIZ | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | | | | |
| | ER WEIG MER FAI | | | NA NA | | - | | Gro | undwater I | Depth (feet): | - | 6.5' | |
| | 1151(111) | SAN | IPLE | | | <u>'</u> | | | | | 1 | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | | | | | ON OF MATE | | | PID ppm |
| 0 | L20-A | 0-0 | 5' | 100% | SM/G | P | | 0-2' | Silt and Sa | nd, Light Brown | n, trace grave | el | 0.0 |
| 1 | | | | | | | | | | | | | |
| 2 | L20-B | 1.5-2 | 2.0' | | SM | | | 2-4' | Sand with | silt, Yellow Gre | en/Orange | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | - | | | 100% | SM | | 4-8' Sand | with si | t, Yellow C | Green/Dark Grey | y Orange,trac | ce clay, wet | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | L20-C | 6-6 | .5' | | + | | | | | | | | |
| 8 | | | | | | | | | Fnd | of Exploration | | | |
| 8 | | | • | | | | | | Liid | Of Exploration | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | - |
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| 12 12 | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | ŀ | | | | | | | | | | | | |
| DRILLING | | | | uck-mounted Geoj | | | | ŀ | | CE ELEVATIC | | | |
| TEMPORA | | | | | No | | | } | START | | 10/17/2 | 007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: N | A | END DA | ATE: | 10/17/2007 | | _ |
| NOTES: | | | | | | | | | | | | | |
| Depths i | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | ВО | RING I | LOG | ı r | • | | BORING | S NUMBE | ER: P14-L21 |
|-------------------------------|-----------------|---------|------|--------------------------|--------|---------|------|-----------------|------------------|------------------|----------------|-------------|----------------|
| SHAW | ENY | /IRC |)NN | TENTA | T. & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUMI | BER: | 124976 |
| | | | | TURE | | LOCAT | ion: | Charles Woods A | ea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | - | CASING | C | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroC 2" | ore | | | | DATE 10/18 | | | | |
| HAMMI | ER WEIG | | | NA | | - | | | Groundwater I | Depth (feet): | | 6.5' | 1_ |
| HAMN | MER FAI | | | NA NA | | | | | | | | | - |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | bol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | SM | | | 0-1.5' Silt | and Sand, Light | Brown | | |
| <u>i</u> | L21-A | 0-0. | .5' | | | | _ | | | | | | 0.0 |
| 2, | L21-B | 1.5-2 | 2.0' | _ | | SM | | 1.5- | 4' Sand with sil | t, Olive Green/Y | ellow Orange | | 0.0 |
| 3 | | | • | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | | | | 100% | | SM | | 4-7' | Sand and Silt, L | ight Grey Green | /Orange, moist | | 0.0 |
| | | | | | | | | | · | • | • | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | L21-C | 6.0-6 | 0.0 | | | SM | | | 7-8' San | d and Silt, Grey | Tan, wet | | |
| 8 | | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | Liiu | OI Exploration | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
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| 12 12 | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted | Geopro | be Rig | | | SURFA | CE ELEVATIO | N: | | - |
| TEMPORAL | RY WEL | L INST | ALLE | D: | Ye | es | | | START | DATE: | 10/18/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCI | REEN F | FROM: | 7' | TO: 12' | END DA | ATE: 1 | 0/18/2007 | | |
| NOTES: | | | | | | | | | | | | · · | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | B | ORING | LOG | | | | BORING | G NUMBE | ER: P14-L22 |
|-----------------|------------------------------------|---------|-------|---------------------------|-----------------------|-------|---------------|------|-------------------------------|-------------------|--------------------|-----------------|
| | | | | IENTAL & | PROJE LOCA CONT | rion: | Charles Woods | | Site Investigation | JOB NUMI | USACE Frank Acc | 124976 Porsi |
| | | | , | | | | | | _ | FIELD RE | P: R. McCon | mick |
| | TYPE | | | SAMPLER robe MacroCore | CASING | 0 | ORE BARREL | DA | | F GROUND | WATER | |
| SI | ZE (ID) | | Осор | 2" | | | | | · · | | | |
| | ER WEIG | | | NA NA | | | | Gro | undwater Depth (feet): | | 8.0' | |
| 1171141 | WILLIAM T | | IPLE | 1415 | | _ | | | | | l <u> </u> | 1 |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DE | SCRIPTION OF MATERIA | ALS | | PID ppm |
| 0 | | | | 100% | SM/C | iP . | | 0-3' | Sand with silt, Light Brown, | trace gravel | | |
| 1 | L22-A | 0-0 | .5' | | | | | | | | | 0.0 |
| 2 | L22-B | 1.5-2 | 2.0' | | - | | | | | | | 0.0 |
| 3 | | | | | SM | | | | 3-4' Sand with silt, Yellow G | reen | | - |
| | | | | | - 514 | | | | on oand war sing renow of | icon | | |
| 4 | | | | 100% | SM | | | 4-7' | Sand with silt, Yellow Green | /Orange | | 0.0 |
| 5 | | | | | - | | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 7 | | | | | SP | | | 7-8' | Sand, Yellow Green/Orange, | , little silt, we | t | <u> </u> |
| 8 | L22-C | 7.5-8 | 3.0' | | | | | | End of Exploration | | | |
| | ļ | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | * | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | • | | | n | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geor | orobe Rig | | | | SURFACE ELEVATION: | : | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | START DATE: | 10/17/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | 4 | END DATE: 10 | /17/2007 | | |
| NOTES: | | | | | | | | | | | | - |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | BORING | LOG | 3 | | _ | BORIN | G NUMBI | ER: P14-L23 |
|-----------|-------------------------------------|-------------|------------|----------------------------|-----------------|------|-----------------|-------------------|--------------------|-----------------|-------------|----------------|
| SHAW | / EN | /TRC | NN | TENTAL & | & PROJEC | CT: | US Army BRAC | 005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | _ | | | | | FIELD RE | P: R. McCor | mick |
| , | ГҮРЕ | _ | | SAMPLER probe MacroCore | CASING | | ORE BARREL | D.1000 | | OF GROUND | WATER | |
| SI | ZE (ID) | | Оеор | 2" | | | | DATE 10/18/ | | <u> </u> | | |
| | ER WEIO MER FAI | | | NA NA | | | | Groundwater D | epth (feet): | | 12.0' | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | USC Syn | hol | | DESCRIPTIO | N OF MATER | IAIS | • | PID |
| (feet) | 1.0. | <i>DE</i> 1 | | | | | 0.41 | | | | | ppm |
| | L23-A | 0-0. | 5' | 100% | SM/G | | 0-4 | | Olive Brown, trac | e gravei, aspn | ait | 0.0 |
| 1 | | | | | | | | | 1-2' brick | | | |
| 2 | L23-B | 1.5-2 | 2.0' | | _ | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | 1000/ | | | | | | | | |
| 4 | | | | 100% | SM | | | 4-6' Sand a | and Silt, Olive B | own | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | SM | | 6-8' Sa | nd with silt, Oli | ive Green/Yellov | v Orange, mois | st | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 8 | | | | 100% | SM | _ | 8-10' Fin | sand with silt, | Olive Green/Yel | low Orange, n | noist | 0.0 |
| 9 | | | | | - - | | | | | | | |
| 10_ | | | | - | SM | | 10-11' Sa | nd with silt, Dar | k Grey/Orange I | Red, mottled, n | noist | |
| 11 | | | | | SM | | | 11-12' Sand v | with silt, Grey/Ta | in, wet | | |
| 12 | L23-C | 11.5-1 | 2.0 | | | | | End | of Exploration | · | | <u> </u> |
| 12 | | | | | | | | • | | | | |
| 13 | | _ | | | - | | | | | | | |
| 14 | | | | | _ | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | - | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | uck-mounted Geor | orobe Rig | | | SURFAC | CE ELEVATION | ī: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | Yes | | | START I | DATE: | 10/18/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREET | N FROM: | 11' | TO: 16' | END DA | TE: 10 | 0/18/2007 | | |
| NOTES: | | | | | | | | | | | | , |
| Depths 1 | nsurement measured applicable | from gr | | n 6" intervals urface | | | | | , | | | |

BORING NUMBER: **BORING LOG** P14-M12 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & INFRASTRUCTURE CLIENT: LOCATION: Charles Woods Area, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R. McCormick DEPTH OF GROUNDWATER SAMPLER CASING CORE BARREL DATE 10/17/07' TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE DEPTH DEPTH REC USC Symbol **DESCRIPTION OF MATERIALS** No. PID (feet) 0 100% SM/GP 0-1.5' Sand with silt, Brown, trace gravel M12-A 0-0.5 0.0 1 SM 1.5-3' Sand with silt, Yellow/Olive M12-B 1.5-2.0' 0.0 2 SM 3-4' Sand with silt, Orange/Olive 3 100% SM 4-5.5' Sand with silt, Orange/Olive, moist 0.0 4 SM 5.5-7.5' Sand with silt, Light Grey Green/Tan, wet 5 6 6.0-6.5 M12-C 7 OL 7.5-8' Silt and organics, Black, wet 8 End of Exploration 8 9 10 11 12 12 13 14 15 16 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig 10/17/2007 TEMPORARY WELL INSTALLED: No START DATE: 10/17/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| - | | | | - | ВО | RING | LOG | | | | | | BORIN | GNU | | R: P14-M13 |
|-------------------------------|----------------|---------|------------|--------------------------|----------|---------|--------|-----------|--------|------------------|---|----------|---------------|--------|---------|---------------|
| SHAW | ENV | /IRC | NN | IENTAI | . & | PROJE | CT: | US Army I | BRAC : | 2005 Site Invest | igation | | JOB NUM | IBER: | | 124976 . |
| IN | FRA | STR | UC | TURE | | LOCAT | ION: | Charles W | oods A | ea, FTMM, NJ | | ľ | CLIENT: | US | ACE | |
| | | | | | | CONTR | 4 CTO | D 2710 | | | | Ī | DRILLER | t: Fr | ank Acc | orsi |
| | | | | | | CONTR | ACTO. | R: TVS | i | | | 1 | FIELD RI | EP: R. | McCorr | nick |
| | | | | SAMPLER | | CASING | C | ORE BARRI | EL | • | | TH OF | GROUNI | DWAT: | ER . | |
| | YPE ZE (ID) | | Geop | robe MacroCo 2" | re | | | | | DATE 10/18 | /07' | | | 1. | | |
| HAMMI | ER WEIG | | | NA | | | | | | Groundwater D | epth (feet): | | | 7.0' | | |
| HAMN | IER FAI | | | NA | | | L , | | | | | | | Ц | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Syn | ibol | | | DESCRIPTIO | N OF MAT | FERIAI | LS | , | | PID ppm |
| 0 |) 412 A | | e) . | 100% | [| | \Box | | | 0-2.5 | 'Concrete, a | asphalt | | | | |
| <u> </u> | M13-A | 0-0 | .5 | | | | | | | | | | | | | 0.0 |
| 2 | М13-В | 1.5-2 | 2.0' | | | SM | | | | 2.5-4' Sand | and Silt, Or | range/Ta | ın | | | 0.0 |
| 3 | | | | | | | | | | | · | | | | | |
| 4 | _ | | | 100% | | SM | | | 4-6 | Silt with sand, | Orange/Lt C | Gray Gra | en moist | | | 0.0 |
| | | | | 10078 | | - SIVI | | | 4-0 | Siit with Sand, | Olange/Lt C | ncy Gic | .c.i, illoist | | | 0.0 |
| 5 | | | | · | \dashv | | | | | | | | | | | |
| 6 | | | | | | SP | | | | 6-8' Sand, | Light Grey/ | Tan, we | t | | | |
| 7 | M13-C | 6.5-7 | 7.0' | | _ | | | | | | | | | | | , |
| 8 | | | | | | | | | | End | of Explorati | ion " | | | | |
| 9 | | | | | | | = | | | | • | | | | | |
| | | | | | | | | | | | | | | | | |
| 10 | | | | | | _ | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | • | | | | | 1 |
| 13 | | | | | | - | | | | | | | | | | |
| 14 | | | | | _ | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 16 DRILLING | RIG TY | PE: | Tr | uck-mounted C | ieoprob | e Rio | | | | SURFAC | CE ELEVAT | TION: | | | | |
| TEMPORAL | | | | | No | | | | | START | | | 10/18/200 | 7 | | |
| RISER FRO | | NA | TO: | NA SCR | | | NA | TO: | NA | END DA | | | 8/2007 | | | |
| NOTES: | | - | | | | | | | | | | [| | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | | | • |

| | | | | B | ORIN | G L | OG | | | BORING | G NUMBEL | R: 14-M14 |
|-----------------|----------------------------------|---------|------|--------------------------|-----------|-------|------------------|---------|-----------------------------------|--------------|--------------|--------------|
| SHAW | ENV | /IRC | NN | IENTAL & | R PRO | DJECT | : US Army BRA | C 200 | 5 Site Investigation | JOB NUMI | | 124976 |
| IN | IFRA | STR | UC | TURE | ro | CATIO | N: Charles Woods | Area, | FTMM, NJ | CLIENT: | USACE | |
| | ., | | | | | | | | | DRILLER: | Frank Accor | rsi |
| | | | | | CO | NTRAG | CTOR: TVS | | | FIELD RE | P: R. McCorm | ick |
| | | | | SAMPLER | CASIN | G | CORE BARREL | Т | DEPTH O | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | D/ | ATE 10/18/07' | | | |
| HAMM | ER WEIC | | | NA | | | | Gr | oundwater Depth (feet): | | 5.0' | |
| HAMN | MER FAI | | IPLE | NA | | | | 上 | | | | |
| DEPTH (feet) | No. | ' DEP | | REC | USC | Symbo | oi l | DI | ESCRIPTION OF MATERIA | ALS | | PID ppm_ |
| 0 | M14-A | 0-0 | 51 | 100% | | SM | | | 0-1' Silt and Sand, Brow | n | | 0.0 |
| 1 | M14-A | 0-0 | .5 | | SN | A/GW | | 1-3' | Silt and Sand, Olive Green, litt | le gravel | | , v.o |
| 2 | M14-B | 1.5-2 | 2.0' | | | SM | | 3-4' ! | Sand with silt, Light Grey Gree | n/Orange | | 0.0 |
| 3 | | | | | | | | | ,, <u>-</u> | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | + | SM | ─ ⁴ | 7' Sar | nd with silt, Light grey/Tan, tra | ce clay, wet | | 0.0 |
| 5 | | | | | | | | | | | | - |
| 6 | | | | | | | | | | | | |
| 7 | M14-C | 4.5- | 5.0' | | | SM | _ | 7-8' Sa | and with silt, Light Grey/Orang | ge Tan, wet | | |
| 8 | | - | | ਰ | | | | | End of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | - | | - | | | | | - |
| 10 | | - | | | | | | | | | | |
| 11 | | | ٠. | | | | | | | | | |
| 12 | - | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | _ | | | | - | | | | | |
| 15 | | | | | | | | | | | | _ |
| 16 | | | | | | | _ | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ack-mounted Geor | orobe Rig | | | | SURFACE ELEVATION: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START DATE: | 10/18/2007 | | į |
| RISER FRO | M: | NA | TO: | NA SCREE | Y FROM: | | NA TO: | Α | END DATE: 10. | 18/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| Depths r | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | В | ORING | G LC | G | | _ | | | BORING | G NUMBI | ER: P14-M15 |
|-----------------|----------------------------------|----------|-------|----------|-----------|----------|-------------------|------------|-------------|--------|-------------------|------------------|-----------------|-------------|--|
| SHAW | EN | /TRC | NN | TENT | 'AT. & | PRO | JECT: | : | US Army BF | RAC 2 | 005 Site Investi | igation | JOB NUM | BER: | 124976 |
| | IFRA | | | | | | ATIO | N: | Charles Woo | ods An | ea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | con | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CON | TRAC | TOI | R: TVS | | | | FIELD RE | P: R. McCor | mick |
| | • | | | SAMPLI | ER | CASINO | : | CC | RE BARREI | , | | DEPTH | OF GROUND | WATER | |
| | YPE | | Geop | robe Ma | стоСоге | | | | | | DATE 10/19 | '07 ' | | | |
| HAMM | ZE (ID) ER WEIG | GHT | | 2" NA | | | | | | | Groundwater D | epth (feet): | | 3.5' | - |
| | MER FAI | | | NA | | | | | | | <u></u> | -F()- | | | |
| DEDTH | lst. i | | IPLE | | NEC . | l vice | · · · · · · · · · | _ | | | DECCRIPTIO | NOTATE | T 4 T C | | |
| DEPTH (feet) | No. | DEP | IH | ь | ÆC | USC | ymbo | <u>' 1</u> | | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 10 | 00% | SM | /GP | | | 0- | 1' Silt and San | d, Brown, little | gravel, asphalt | | T. |
| 1 | M15-A | 0-0. | .5' | | | N | 1L | _ | | 1 | -2.5' Silt, Olive | Green/ Brown, | little sand | | 0.0 |
| 2 | M15-B | 1.5-2 | 2.0' | | | S | М | | | 2.5-4' | Sand and Silt, I | Light Grey/Tan, | trace clay, wet | | 0.0 |
| 3 | | | | | | | | \dashv | | | | | | | |
| | M15-C | 3-3. | .5' | | | | | \Box | | | | ero i d | | | |
| 4 | | | | | | | | ╁ | | | End | of Exploration | | | 0.0 |
| | | | | | | | | | | | | | | | |
| 5 | | | | | | | | -1 | | | | | | | |
| 6 | | | | | | _ | | \dashv | | | | | | | |
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| 13 | | | | | | | | 1 | | | | | | | |
| 14 | L | <u></u> | | | | | | 4 | | | | | | | |
| 15 | | | | | | | | - | | | | | | | |
| | | | | | | | | | | | | | | | İ |
| 16 | J | <u> </u> | Ų. | L | | | | i_ | | - | | | | | اـــــا |
| DRILLING | RIG TY | PE: | Trı | uck-mour | nted Geop | robe Rig | | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | 1 | No | | | | | START | DATE: | 10/19/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | | NA | TO: | NA | END DA | TE: | 0/19/2007 | | |
| NOTES: | - | | | | | | | | | | | | | | |
| Depths 1 | nsuremen neasured applicab | from gr | | | vals | | | | | | | | | | _ === |

| | | | | | В | ORING | LOG | } | | | BORING | NUMB | ER: P14-M16 |
|-----------------|--------------------------------------|---------|-------|------------------|------------|----------------|------|-------------------------------|----------------|-----------------------|---------------------------------|------------|----------------|
| SHAV | V ENV NFRA | | | | | PROJE LOCA? | ION: | US Army BRAC Charles Woods A | | _ | JOB NUME CLIENT: DRILLER: | USACE | 124976 |
| | | | | | | 00 | | | | | FIELD RE | P: R. McCo | rmick |
| | TYPE | | | SAMPL robe Ma | | CASING | C | ORE BARREL | DATE 10 | DEPT | H OF GROUND | WATER | |
| | IZE (ID) | | ССОР | 2" | ciocore | | | | | | | | |
| | ER WEIC | | | NA NA | | | - | | Groundwate | er Depth (feet): | | 6.0' | |
| пам | MER FAI | | IPLE | - NA | | | _ | and 14 | 1 | | | | |
| DEPTH (feet) | No. | DEP | | I | REC | USC Syr | nbol | | DESCRIPT | TION OF MAT | ERIALS | | PID ppm |
| 0 | | | | 1 | 00% | SM/C | P | | 0-1.5' Silt | and Sand with g | gravel, Brown | | T |
| 1 | M16-A | 0-0 | .5' | | | | | | | | | | 0.0 |
| 2 | M16-B | 1.5-2 | 2 0' | | | SW | | 1.5-4' Sa | nd, Olive Gree | en/Yellow Orang | ge, little fine gravel | , silt | 0.0 |
| | | 110 1 | | | | | | | | | | | |
| 3 | +-+ | | | | | | | | | | | | |
| 4 | | | | | | | | | 150 | . 10 17:1 | | | |
| 4 | | | | | 00% | GP | | | 4-5' Grave | l and Sand, Ligh | t grey/lan | | 0,0 |
| 5 | | | | | | sw | | 5-6' S | and, Orange/O | ireen, little silt, t | race fine gravel, w | et | |
| 6 | M16-C | 5.5-6 | 5.0' | | | SP | | | 6-7' Sand w | ith silt, Light Gr | ey/Tan, wet | | |
| 7 | | | | | | OL | | | 7-8' Silt | and organics, Bl | ack, wet | | |
| 8 | + | | | | | - | | | Е | and of Exploration | n | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | · · · · · · · | | - | | | | | | | |
| 12 | - | | | | | | | | | | | | |
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| 13 | +-1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | +- | | | | | | | | | | | | |
| 15 | | | | | - | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TYI | E: | Tn | ick-mou | nted Geopr | obe Rig | | | SURI | FACE ELEVAT | ION: | | |
| TEMPORA | ARY WEL | L INST | ALLEI | D : | N | 1 0 | | | STAI | RT DATE: | 10/19/2007 | | |
| RISER FR | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | END | DATE: | 10/19/2007 | | |
| NOTES: | | - | | | | | | | | | | | |
| Depths | easuremen measured et applicab | from gr | | | vals | | | | | | | | |

| | | | - | E | ORING | LOG | } | | - | BORING | S NUMBEI | R: 14-M17 |
|-------------------------------|----------------|---------|-------|--------------------------|-----------|------|-----------------|-----------------------------|------------|-----------------|--------------|--------------|
| SHAW | ENV | ЛRC | NN | TENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Investigation | | JOB NUMI | | 124976 |
| | | | | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | FIELD REI | P: R. McCorm | ick |
| | TANK. | | | SAMPLER | CASING | (| ORE BARREL | | ертн об | GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/18/07' | | | | |
| HAMME | ER WEIG | | | NA NA | | | | Groundwater Depth (feet |): | | 6.5' | |
| HAMM | AEK FAI | | IPLE | NA | | | di may | <u> </u> | | | | - |
| (feet) | No. | DEP | | REC | USC Syn | | | DESCRIPTION OF MA | | | | PID ppm |
| 0 | M17-A | 0-0. | 5' | 100% | SM?G | P | 0-2.5' S | ilt and Sand with gravel, (| Olive Bro | wn, asphalt, | glass | 0.0 |
| 1 | | | | | | | | | | | | 0.0 |
| 2 | M17-B | 1.5-2 | 2.0' | | SM | | | 2.5-4' Silt and Sand, Oliv | a Droum | maist | | 0.0 |
| 3 | | | | | SIM | | | 2.5-4 Sitt and Sand, Onv | e Blown, | moist | | |
| 4 | | | | | | | | · | | | | |
| 4 | | | | 100% | SP | | 4-8' Sand, (| Dlive Green/Dark Grey/Ye | ellow Orai | nge, little sil | t, wet | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | M17-C | 6-6. | 51 | | | | | | | | | |
| 7 | WII7-C | 0-0. | | | | | | | | | | |
| - 8 | | | | | | | | End of Explora | ation | | _ | - |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | , | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | i. | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | - | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geoj | orobe Rig | | | SURFACE ELEVA | ATION: | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | Yes | | | START DATE: | | 10/18/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREET | 1 FROM: | 7' | TO: 12' | END DATE: | 10/1 | 8/2007 | | ٠ |
| NOTES: | | | | | | | | | | _ | | |
| PID mea Depths n NA=not | neasured | from gr | | a 6" intervals urface | | | | | | | | |

| | _ | | | | BORING | LOG | | _ | · | BORIN | G NUMBI | ER: P14-N11 |
|----------------------|------------------------------------|---------------|------------|--|---------------|----------|------------------------------|----------------|-------------------------------|-------------------------|-----------|----------------|
| | | | | IENTAL (| & PROJE | | US Army BRAC Charles Woods A | | Site Investigation | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | CONTE | | | | - | DRILLER FIELD RE | Frank Aco | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DA | TE 10/19/07' | | | |
| HAMM | ER WEIG | | | NA | | | | Gro | undwater Depth (feet): | | 10.0 | |
| HAM | MER FAI | | | NA | | <u> </u> | | | | | İ | |
| DEPTH (feet) | Ño. | DEP | IPLE TH | REC | USC Syn | nbol | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | | | 0-1 | 'Silt and Sand, Brown, trace | fine gravel | | |
| 1 | N11-A | 0-0. | .5' | | SP | | | 1-4' | Sand, Yellow Orange, little | silt, moist | | 0.0 |
| 2 | N11-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | - |
| 4 | | | | 100% | SP | | 4-6 | ' San | d, Yellow Green/ Orange, li | ttle silt, moist | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | SP | | | 6- | -8' Sand, Orange/Light Grey | , moist | | |
| 7 | | | _ | | | | | | | | | |
| 8 | | | | 100% | SM | | 8- | 9.5' \$ | Sand with silt, Orange/Light | Grey, moist | | 0.0 |
| | | | | | | | | | | | | |
| 10 | N11-C | 9.5-1 | 0.0' | | SM | | 9.5-11.5' S | ilt w | ith sand, Light Grey Tan/Or | ange, trace cla | y, wet | |
| 11 | 1111-0 | 7.5-1 | 0.0 | | | | | | | | | |
| | | | | | OL | | | 11 | .5-12' Silt and organics, Bla | ick, wet | | |
| 12 12 | | | | | | | | | End of Exploration | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | - | | | | | | | | | |
| 15 | | | - | | | | | | | | | |
| 16 | L | | | <u>. </u> | | | | - - | | | | |
| DRILLING | | | | uck-mounted Geo | - | | | | SURFACE ELEVATION | | | |
| TEMPORA RISER FRO | | .L INST NA | ALLE | | No N FROM: | NA | TO: NA | | START DATE: END DATE: 1 | 10/19/2007 0/19/2007 | | |
| | ,. , , | | 10. | TATA BOXES | | 14/ | | · | - I De Ditte | 1 | | |
| Depths | asuremen measured : applicab | from gr | | n 6" intervals urface | | | | | | | | : |

| | | | | | BO | DRING | LOG | 1 | | | BORING | NUMBE | ER: P14-N12 |
|-----------------|----------------|---------|------|------------------------|--------------------|-------------|-------------|-----------------|-------|--|---------------------|-------------|----------------|
| SHAW | ENV | лрс | NN | TENT. | ΛΤ. <i>&</i> - | PROJE | CT: | US Army BRAC | 200 | 5 Site Investigation | JOB NUMI | BER: | 124976 |
| | | | | TURE | | | | | | | CLIENT: | USACE | |
| | | | - | | | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | ł | | | | | FIELD REI | P: R. McCon | mick |
| | | | | SAMPLEI | | CASING | С | ORE BARREL | L | | OF GROUND | WATER | , |
| | YPE ZE (ID) | | Geop | robe Macro | oCore | | - | | D/ | ATE 10/19/07' | | | - |
| HAMMI | ER WEIG | | | NA NA | | | | | Gr | oundwater Depth (feet): | | 7.5' | |
| HAMIN | AEK FAI | | IPLE | . NA | <u>l</u> | | | | | | | | |
| DEPTH (feet) | No. | DEP | | RF | EC | USC Syn | nbol | | DI | ESCRIPTION OF MATER | ALS | | PID ppm |
| 0 | N12-A | 0-0. | 51 | 100 | 0% | SM | | · | | 0-1' Silt and Sand, Bro | wn | | |
| 1 | 1412-A | 0-0. | ر. | | | SP | | 1-4' | Sand | l, Yellow Orange, little silt, tr | ace fine gravel | | 0.0 |
| 2 | N12-B | 1.5-2 | 2.0' | | | - | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | - | | | | | · | | | | | | | |
| 4 | | | | 100 | 0% | SP | | 4 | -7' S | and and Silt, Light Grey/Ora | ige, mottled | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | 1 | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | N12-C | 7-7. | .5' | | | ML OL | | | 7-7. | 5' Silt, Orange Brown, little sa 7.5-8' Silt and organics, Blac | nd, moist c, wet | | |
| 8 | | | | | | <u> </u> | | | | End of Exploration | | | |
| 9 | | | | | | | | | | | | | |
| | | | | - | _ | | | | | | | | |
| 10 | ļ | | | | | | - | | | | | | - |
| 11 | | | | | | | | | | | | | |
| 12 | | | _ | | | | | | | | | | |
| 12 | | | | | | | | | | | | | <u> </u> |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | - | | | | | | | <u> </u> |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TV | pp. | т~ | ock-mount | ed George | ohe Ric | | <u> </u> | | SURFACE ELEVATION | · | | - |
| TEMPORAL | | | | | eu Geoph N | = | | | | START DATE: | 10/19/2007 | | |
| RISER FRO | | NA | TO: | | SCREEN | | NA | . TO: NA | | |)/19/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| | neasured | from gr | | n 6" interva urface | als | | | | | | | | |

| | | | | | BOI | RING I | COG | } | | BORING NUMB | ER: P14-N13 |
|-----------------|--------------------------------------|--------|------------|--------------------------|----------|---------|----------|-------------------------------|--|---|----------------|
| | | | | IENTAL TURE | & | PROJEC | | US Army BRAC Charles Woods A | 2005 Site Investigation rea, FTMM, NJ | JOB NUMBER: CLIENT: USACE DRILLER: Frank Ac | 124976 |
| | | | | | | CONTR | ACTO | DR: TVS | | FIELD REP: R. McCo | |
| | | | | SAMPLER | | ASING | С | ORE BARREL | | OF GROUNDWATER | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | - | | | | DATE 10/19/07' | | |
| HAMM | IER WEI | | | NA | | | | | Groundwater Depth (feet): | 3.5' | |
| HAM | MER FAI | | | NA | L | | | | <u> </u> | | 1 |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | ibol | | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | <i>5</i> . | 100% | 4 | SM | | | 0-1' Silt and Sand, Brown, | asphalt | - 00 |
| 1 | N13-A | 0-0 | .3. | | | SP | | | 1-3' Sand with silt, Yellow Oran | nge, moist | 0.0 |
| 2 | N13-B | 1.5- | 2.0' | | | | | | | | 0.0 |
| 3 | 7112.0 | | | | _ | SM | | 3-4' Sa | nd and Silt, Light Grey Green/T | an, trace claywet | |
| 4 | N13-C | 3-3 | .5. | | + | | | | End of Exploration | | |
| 4 | _ | | | | | | | | | | |
| 5 | - | | | | + | | | | | | |
| 6 | - | | | | _ | | | | | | |
| 7 | | - | | | _ | | | | | | |
| 8 | | | | | | | | - | | | |
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| 12 | + | | | | + | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | - | | | | \dashv | | | | | | |
| 15 | | | | | + | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | | | | ick-mounted Geo | - | Rig | | | SURFACE ELEVATION | | |
| TEMPORA | | | | | No | 014 | . | TO: NA | START DATE: | 10/19/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREI | in PR | OM: | NA | TO: NA | END DATE: | 10/19/2007 | |
| Depths | easuremen measured ot applicab | from g | | n 6" intervals urface | | | | | | | |

| | | | | | ВО | RING I | LOG | ; | | | | BORI | NG NUMB | ER: P14-N14 |
|---------------------|----------------------------------|---------|------|--------------------------|---------|-------------|------|-----------------|-------------|------------|---------------------------------|----------------|--------------|----------------|
| SHAW | EN | ЛRC | N | TENTAJ | . & | PROJEC | CT: | US Army BRAC | 2005 Sit | te Investi | gation | JOB NU | MBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woods A | rea, FTN | MM, NJ | | CLIENT | : USACE | |
| | | | | | | | | | | | | DRILLE | R: Frank Ac | corsi |
| | | | | | | CONTR | АСТО | R: TVS | | | | FIELD I | REP: R. McCo | rmick |
| | | | | SAMPLER | | CASING | С | ORE BARREL | | | | OF GROU | NDWATER | |
| | TYPE ZE (ID) | | Geor | robe MacroCo 2" | ore | | | | DATE | 10/19/ | 07' | 1 | | |
| HAMM | ER WEI | | | NA | | | | | Ground | dwater D | epth (feet): | | 5.5' | |
| HAM | MER FA | | IPLE | NA. | | | Ц | | <u> </u> | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | | | | | N OF MATE | | | PID ppm |
| 0 | N14-A | 0-0 | 5' | 100% | | SM/GI | | | 0-1' | Silt and S | Sand, Brown, | little gravel | | 0.0 |
| 1 | | - 0-0 | | | | SM | | 1-4' Sa | ınd with | silt, Oliv | e Green/Brow | m, concrete, b | rick | 0.0 |
| 2 | N14-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | | | | 100% | | SM | | 4-6.5' Sand a | nd Silt, | Olive Gr | een/Light Gre | y/Orange, mot | tled, moist | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | N14-C | 5-5 | .5' | | | | | | | | | | | |
| | | | | | | SM | | 1 | 5.5-7.5' \$ | Sand and | Silt, Light Gr | ey/Tan, wet | | |
| 8 | | | | | | SM | | 7.5-8' S | and with | | ht Grey/Orang of Exploration | | d, wet | |
| 8 | | | | | | | | | | Ellu | or exploration | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted (| Geoprob | oe Rig | | | 5 | SURFAC | E ELEVATIO | N: | | • |
| TEMPORA | | | | | No | | | | | START [| | 10/19/20 | 07 | |
| RISER FRO | M: | NA | то: | NA SCR | EEN F | ROM: | NA | TO: NA | F | END DA | TE: | 10/19/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths i | asuremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | F | ORING | LOG | } | | ; | BORING NUMB | ER: P14-N15 |
|-----------------|--------------------------------------|--------|-------|--------------------------|-------------|-------|--------------|----------------------|--------------------------------------|---|----------------|
| | | | | ENTAL & | & PROJE | | US Army BRAC | | igation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: Frank Acc FIELD REP: R. McCon | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUNDWATER | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | ┪ | | DATE 10/19 | /07 <u>'</u> | · | |
| HAMM | IER WEIC | | _ | NA | - | | | Groundwater D | epth (feet): | 5.5' | |
| HAM | MER FAI | | IPLE | NA | | 1 | | <u> </u> | l | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | | N OF MATE | | PID ppm |
| 0 | NII5 A | | | 100% | SM/G | 3P | | 0-2' Sand and S | ilt, Olive Brow | n, little gravel | 0.0 |
| 1 | N15-A | 0-0 | ر. | | | | | | | | 0.0 |
| 2 | N15-B | 1.5-2 | 2.0' | | MI | | | 2-3' Silt, D | ark Green, little | sand | 0.0 |
| 3 | | | | | SM | 1 | | 3-4' Sand wi | ith silt, Yellow | Orange | |
| 4 | | | | 1000/ | | , | 4.6.51.51 | and City I indu Co | /Ton Onne | trace clay, wet, mottled | 0.0 |
| 4 | | | | 100% | SM | | 4-0.J Sanu i | iliu Siit, Ligiit Oi | ey/Tan Orange | , trace cray, wer, motified | 0.0 |
| 5 | N15-C | 5-5 | 5' | · · - | | | | | | | |
| 6 | | | | | | | | 4.5.77.0114.Th- | 1- D 1544- | | |
| 7 | | | | | MI OI | | | | rk Brown, little d organics, Blac | | |
| 8 | - | | | | | | | End | of Exploration | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | ļ | | | | | | | | | | |
| 11 | 1 | | | | | _ | | | | | |
| 12 | | | | | | | | | | | |
| 12 | | | | | <u> </u> | | | | | | - |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | |] | | | | |
| 16 | <u> </u> | | | | | | <u></u> | | | | |
| DRILLING | 3 RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIC | N: | |
| TEMPORA | ARY WEL | L INST | ALLEI | D: | No | | | START | DATE: | 10/19/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | END DA | ATE: | 10/19/2007 | |
| NOTES: | | | | - | | | | | | | |
| Depths | easuremen measured ot applicab | from g | | n 6" intervals urface | | | | | | | |

| | | | | В | ORING | LOG | 1 | | | BORING NUMB | ER: P14-N16 |
|-----------------|----------------------------------|---------|-------|--------------------------|-----------|----------|-----------------|----------|---|---------------------|----------------|
| SHAX | 7 IFINI | πре | NIN. | TENTAL & | PROJEC | CT: | US Army BRAC | 2005 Si | ite Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | * | | | | | CLIENT: USACE | |
| - | 11.141 | LO L L | | TORES | LOCAT | ION: | Charles Woods A | rea, FT | MM, NJ | | |
| | | | | | CONTR | ACTO | or: TVS | | | DRILLER: Frank A | corsi |
| | | | | | COMIN | ACIO | | | | FIELD REP: R. McCo | rmick |
| | • | | | SAMPLER | CASING | C | ORE BARREL | I | DEPTH | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE | | | |
| HAMM | ER WEIG | | | NA | | | | Groun | ndwater Depth (feet): | 9.0' | |
| HAM | MER FAI | | IPLE | NA | - | <u> </u> | | İ | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | DESC | CRIPTION OF MATER | IALS . | PID ppm |
| 0 | | | | 100% | SM/G | Р | 0-1 | ' Sand a | and Silt, Olive Brown, litt | le gravel, asphalt | ppin |
| 1 | N16-A | 0-0 | .5' | | SM | | | 1- | -4' Silt and Sand, Dark G | reen | 0.0 |
| 2 | N16-B | 1.5-2 | 2.0' | | | | | | , | | 0.0 |
| | | | | | | | | | | | - 0.0 |
| 3 | | | | | - | | | | | | |
| 4 | | | | 0% | _ | | | | 4-8' No Return | | |
| | | | | 076 | | | | | 4-8 No Return | | |
| 5 | - | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| _ 7 | | | | | ML OL | - | | | ' Silt, Dark Brown, little s 8' Silt and organics, Blacl | | |
| 8 | | | | | | | | | | | |
| 8 | | | | 100% | SM | | 8-9' Sano | d with s | silt, Red Orange/Dark Bro | wn, trace clay, wet | 0.0 |
| 9 | N16-C | 8.5-9 | 9.0' | | ML | | | 9-12 | 2' Silt, Dark Grey, trace cl | ay, wet | <u> </u> |
| 10 | - | | | | | | | | | | |
| | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 12 | | | | | | | | | End of Exploration | <u> </u> | |
| | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe Rig | | | | SURFACE ELEVATION | ٧: | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | START DATE: | 10/19/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | | END DATE: 1 | 0/19/2007 | |
| NOTES: | | | | | <u>-</u> | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | |
| | | | | | | | | | | | |

| | | | | F | ORI | ING 1 | LOG | ; | | | BORING NUMBI | ER: P14-N17 |
|-----------------|---------------------------------|---------|------|--------------------------|----------|--------|------|------------------|------------------------|----------------|---------------------|----------------|
| SHAW | EN | /IRC | NN | IENTAL | & F | PROJEC | CT: | US Army BRAC | 005 Site Investigation | on | JOB NUMBER: | 124976 |
| I | IFRA | STR | UC | TURE | I | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: USACE | į |
| | | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Acc | orsi |
| | | | | | | | | | | | FIELD REP: R. McCor | mick |
| , | ГҮРЕ | | | SAMPLER | CAS | SING | C | ORE BARREL | DATE 10/19/07' | DEPTH O | F GROUNDWATER | <u> </u> |
| SI | ZE (ID) | | Сеор | robe MacroCore 2" | | | | | | | | |
| HAMM | ER WEIC | GHT | ļ | NA NA | | | | | Groundwater Depth | (feet): | 5.0' | - |
| , main | 1111111111 | | IPLE | MI | | | | | | | <u> </u> | 1 |
| DEPTH (feet) | No. | DEP | | REC | U | SC Sym | | | DESCRIPTION O | | | PID ppm |
| 0 | NI7-A | 0-0 | 5' | 100% | | SM/GI | | | 0-1' Sand and Silt, O | live Brown, l | ittle gravel | 0.0 |
| 1 | | | | | | SM | | | 1-4' Silt and Sar | nd, Dark Gre | en | |
| 2 | N17-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| · 4 | | | | | - - | | | • | | | | |
| 4 | | | | 100% | | OL | | | 4-5' Silt and organi | cs, Dark Gre | y, wet | 0.0 |
| 5 | N16-C | 4.5- | 5.0' | | | SM | | n | 5-8' Clayey Sar | nd, Green, w | et | |
| 6 | | | | | + | | | | | | | |
| 7 | | | | | \dashv | | | | | | | |
| 8 | | | | | | | | | End of Ex | | | |
| 8 | | | | | — | | | | Elid QI EX | pioration | | |
| 9 | | | | | ┢ | | | | | | | |
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| 12 | | | | | 1 | | | | | | | |
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| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | = | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ick-mounted Geo | probe R | ig | | | SURFACE EI | LEVATION: | | .1 |
| TEMPORA | | | | | No | - | | | START DAT | | 10/19/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | N FROI | M: | NA | TO: NA | END DATE: | 10/ | 19/2007 | |
| NOTES: | | | | | | | | | | | | |
| Depths 1 | suremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | E | ORING | LOC | } | | BORING NUMB | ER: P14-O2 |
|-------------------------------|-----------------|---------|-------|--------------------------|-------------|----------|-----------------|---|---------------------|---------------|
| SHAW | EN | VIRC | NN | TENTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | CLIENT: USACE | |
| | | _ | | | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | L | |
| | | | | | CONTR | ACTO | OR: TVS | | DRILLER: Frank Ac | corsi |
| | | | | | | | | | FIELD REP: R. McCor | mick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 09/29/07' | 1 | |
| HAMM | ER WEI | | | NA NA | | | | Groundwater Depth (feet): | 9.5' | |
| HAMI | VILK PA | | LPLE | NA . | | - | | <u> </u> | 1 | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | DESCRIPTION OF MATER | RIALS | PID ppm |
| 0 | <u> </u> | | | 100% | SP | | | 0-0.5' Asphalt | | |
| 1 | O2-A | 0.5- | 1.0 | | CL | | | .5-1.0' Sand, Light Brown/Tan, 1-4' Silty clay, Olive Gr | | 0.0 |
| 2 | O2-B | 1.5-2 | 2.0' | | - | | | | | 0.0 |
| 3 | | | | | | | | | | |
| | | | | | | | | | | - |
| 4 | | | | 100% | CL | | | 4-6.5' Silty clay, Olive Gree | n moist | 0.0 |
| | | | | | | | | , old duly duly, dure died | , 110134 | 0.0 |
| 5 | | | | | _ | | | 41 | | |
| 6 | | | | | SP | | | 6.5-8' Sand, Light Brown/Ta | n maint | |
| 7 | <u> </u> | | | | Sr Sr | | | 0.3-8 Sand, Light Brown/12 | n, moist | |
| 8 | | | | | - | | | | | |
| 8 | <u> </u> | | | 100% | SM/G |) | | 8-9' Silty Sand with gravel, C | Dlive/Tan | 0.0 |
| 9 | | | | | | | | 9-12' Sand, Light Brown | , wet | |
| 10 | O2-C | 9-9. | 5' | | | | | • | | |
| 11 | | | | | _ | | | | | |
| | <u> </u> | | | | | | | | | |
| 12 | <u> </u> | | | | | | | End of Exploration | | + |
| 13 | ļ | | | | | | | | | |
| | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | _ | | | | | | |
| 16 | | | | | | | L | | | <u> </u> |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geor | orobe Rig | | | SURFACE ELEVATIO | N: | |
| TEMPORAL | RY WEI | L INST. | ALLEI | D: | Yes | | | START DATE: | 9/29/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | 14' | TO: 19' | END DATE: | 9/29/2007 | |
| NOTES: | | | | | | | | | - | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals orface | | | | | | |

| | | | | E | ORI | NG I | COG | | | • | | BORING | G NUMBE | R: P14-03 |
|-----------------|--|---------|------|----------------------------|----------|--------------|------|------------|----------|--------------------|--------------------|---------------|--------------|--|
| SHAW | ENY | ЛRC |)NN | ŒNTAL & | e P | ROJEC | CT: | US Army E | BRAC 2 | 005 Site Investig | gation | JOB NUM | BER: | 124976 |
| | | | | TURE | | OCAT | ION. | Charles We | nade A = | ea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | ۲ | OCAT | ion: | Charles WC | Jous Ai | ea, F Hvilvi, NJ | | DRILLER: | Frank Acc | |
| | | | | | c | ONTR | ACTO | R: TVS | | | | | P: R. McCorr | |
| | | | | | | ₁ | | | | | | | | inck . |
| | TYPE | | | SAMPLER orobe MacroCore | CAS | ING | С | ORE BARRE | | DATE 09/29/ | | F GROUND | WATER | |
| SIZ | ZE (ID) | | Geop | 2" | | | | | | | | | | |
| HAMMI | ER WEIG | | | NA NA | | | | | | Groundwater De | epth (feet): | | 10.0' | ļ |
| - HAWIN | VIEK I'A | | PLE | | | | 1 | | | | | | ! | |
| DEPTH (feet) | No. | DEP | | REC | US | SC Sym | bol | | | | N OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | | SP | | | | | .5' Asphalt | do mound | | 0.0 |
| 1 | O3-A | 0.5- | ٬۵.1 | <u> </u> | _ | ər | 一 | | U | z oanu, Lign | t Brown/Tan, litt | ic graver | | 0.0 |
| 2 | О3-В | 1.5-2 | 2.0' | | | CL | | | 2- | 4' Silty clay, Oli | ve Green, little s | and, moist | | 0.0 |
| 3 | | | | | | | | | | | | | | - |
| | | | | | | | | | | | | | | |
| 4 | | | | 100% | + | SP | | | | A Q! Sand | Olive Green, mo | ict | | 0.0 |
| | | | | 10070 | | - 51 | | | | 4-0 Dane, | Onve Oreen, mo | 151 | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | | - | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 8 | | | | 100% | + | SM | | | | 8-9' Silty san | d, Olive Green, 1 | noist | | 0.0 |
| | | | | | | | | | | _ | | | | |
| 9 | <u> </u> | | | | ٠, | | | | | 9-12' Sand, 1 | .ight Brown/Tan | , wet | | |
| 10 | O3-C | 9.5-1 | 0.0' | | | | | | | | | | | |
| 11 | | | | | - | | | | | | | | | |
| 12 | | | | | | | | | | Enda | of Evalenties | | | |
| 12 | | | | | | | | | | Dita. | of Exploration_ | | | |
| 13 | - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | - | | | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | orobe Ri | ig | | | | SURFAC | E ELEVATION | : | | |
| TEMPORAL | | | | | No | _ | | | | START D | | 9/29/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | 1 : | NA | TO: | NA | END DA | | 9/29/2007 | | |
| NOTES: | | | _ | | | | | | | l | | $\overline{}$ | | |
| | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | B | ORIN | G LOC | <i>j</i> | | BORING NUMBI | P14 |
|-----------------|--------------|--------------|----------------------|----------|-----------|-----------------|-------------------------------------|---------------------|----------|
| | | | NMENTAL & | & PRO | JECT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124 |
| Ι | NFRA | ASTRI | UCTURE | LOC | CATION: | Charles Woods A | Area, FTMM, NJ | CLIENT: USACE | |
| | | | | | urn . com | on mia | | DRILLER: Frank Acc | corsi |
| | | | | Cor | NTRACTO | OR: TVS | | FIELD REP: R. McCor | mic |
| | | | SAMPLER | CASIN | G (| CORE BARREL | DEPTH | OF GROUNDWATER | |
| | TYPE | | Geoprobe MacroCore | | | | DATE 09/29/07' | | T |
| | SIZE (ID) | CUT | 2" | | | | | 100 | _ |
| | MER WEIG | | NA NA | | - | | Groundwater Depth (feet): | 10.0' | + |
| | | SAME | | | | | <u> </u> | | 十 |
| DEPTH (feet) | No. | DEPT | TH REC | USC | Symbol | | DESCRIPTION OF MATER | IALS | |
| 0 | | | 100% | | | | 0-0.5' Asphalt | | — |
| 1 | O4-A | 0.5-1.0 | .0 | | SP | | 0.5-3' Sand, Light Brown/Tan, I | ittle gravel | - |
| 2 | O4-B | 152 | <u></u> | | | 4 | | | ┝ |
| | U4-B | 1.5-2.0 | <u></u> | +- | | - | | | ┝ |
| 3 | | | | | CL | | 3-4' Silty clay, Olive Gre | en | |
| 4 | - | | | | | _ | | | L |
| 4 | + | | 100% | | CL | | 4-8' Silty clay, Olive Green, littl | e fine sand | + |
| | | | | | |] | | | |
| 5 | | | | _ | | | | | L |
| 6 | - | | - | | | - | | | ╌ |
| | | <u> </u> | | | |] | | | Ŀ |
| 7 | | | | \bot | |] | | | |
| 8 | | | | - | | - | | | - |
| 8 | | | 100% | | CL | | 8-9' Silty clay, Olive Green, littl | e fine sand | 1 |
| | | | | | | _ | 0.000 1.711.0 | | |
| 9 | | | | - | - | 1 | 9-12' Sand, Light Brown, | wet | ł |
| 10 | 04-C | 9.5-10. | J.O' | | |] | | | |
| -,, | - | | | _ | | _ | | | Į. |
| 11 | - | | | - | | - | | | ŀ |
| 12 | | | | | | | End of Exploration | | 1 |
| 12 | | ļ | | _ | | 4 | | | - |
| 13 | | | | _ | | 4 | | | ŀ |
| | | | | | | | | | E |
| 14 | | ļ | _ | _ | | | | | ŀ |
| 15 | | | | _ | | - | | | ŀ |
| | | | | | |] | | | |
| 16 | | L | | | | 1 | | | 丄 |
| DRILLING | G RIG TY | PE: | Truck-mounted Geop | robe Rig | | | SURFACE ELEVATION | N: | |
| TEMPOR | ARY WEI | L INSTA | ALLED: | Yes | | | START DATE: | 9/29/2007 | |
| | | | | | | | | | |
| RISER FR | .OM: | NA 1 | TO: NA SCREEN | 1 FROM: | 11 | ' TO: 16' | END DATE: | 9/29/2007 | |
| NOTES: | | | | | | | | T | _ |
| | | | aken in 6" intervals | | | | | | |
| | easuremen | ite were to | | | | | | | |
| | | | ound surface | | | | | | |

| · · · - · | | | | В | ORING I | LOC | | | | BORING N | | R: P14-05 |
|-----------------|---|--------|-------|----------------------|-----------------|-------|--------------------------------|-------------------|--|--------------|-----------|--------------|
| | | | | ENTAL & | PROJEC LOCAT | | US Army BRAC 2 | | igation | JOB NUMBER | | 124976 |
| | | | | | CONTR | A CTC | OR: TVS | | | DRILLER: F | rank Acco | rsi |
| | | | | | CONTR | ACIC | JR: 1VS | | | FIELD REP: F | t. McCorm | nick |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUNDWA | ΓER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 09/29 | /0/ | | | |
| | ER WEIG | | | NA NA | | | | Groundwater D | epth (feet): | 9.5 | , | |
| nawi | WEK PA | | IPLE | IVA | | | | | <u>. </u> | | | † |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Syn | ibol | | | N OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | SP | | (| | 0.5' Asphalt ht Brown/Tan, lit | tle gravel | | 0.0 |
| 1 | O5-A | 0.5- | .0' | | | | | | | • | | |
| 2 | О5-В | 1.5-2 | 2.0' | | CL | | 2- | 4' Silty clay, Ol | ive Green, little s | and, moist | | 0.0 |
| 3 | | | | | | | - | | | | | |
| 4 | | | | 100% | SP | | | 4-7' Sand, Olive | e Green/Dark Gre | y, moist | | 0.0 |
| 5 | - | | | | _ | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | SP | | | 7 01 Cand | Links Grove ma | | | |
| | | | | | SF SF | | 7-8' Sand, Light Grey, moist | | | | | |
| 8 | ! | | | 100% | SP | | 8-12' Sand, Light Grey, wet 0. | | | | | |
| 9 | | | | | | | | | | | | |
| _10 | O5-C | 9-9 | .5' | | | | | | | | | |
| 11 | | | | | <u> </u> | | | | | | | |
| 12 | | | | | | | | End | of Exploration | | | |
| 12 | | | | | | _ | | 23.14 | | | | |
| 13 | | | | | | | | | | | | - |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | L | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFAC | CE ELEVATION | : | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | START | DATE: | 9/29/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | END DA | ATE: | 9/29/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths | PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable | | | | | | | | | | | |

| | _ | | | F | BOR | ING I | LOC | } | | | BORIN | G NUMBI | ER: P14-06 |
|-----------------|------------------------|------------|--------|-----------------------|----------|---------|------|-----------------|------------------|-----------------|--------------|-------------|---------------|
| CITATI | | | | | <u></u> | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TENTAL O | ¥ | | | - | | | | | |
| 11 | NFKA | 72.1.K | UC | TURE | J | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | : Frank Acc | eorsi |
| | | | | | k | CONTR | ACTO | OR: TVS | | | | | |
| | | | | | | | | | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | CAS | SING | | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | | DATE 09/29 | /07' | | | - |
| HAMM | ER WEI | | | NA | | | | | Groundwater I | Depth (feet): | | 11.0 | - |
| HAM | MER FA | _ | | NA | <u> </u> | | | | L | <u> </u> | | | |
| DEPTH (feet) | No. | SAM DEP | | REC | u | ISC Syn | bol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | | | | | 0.5' Asphalt | | | |
| 1 | O6-A | 0.5-1 | .0 | | + | SP | | ' | 0.5-4' Sand, Lig | ht Brown/Tan, l | ittle gravel | | 0.0 |
| | | | | | | | | | | | | | |
| 2 | О6-В | 1.5-2 | 0 | | - - | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | <u> </u> | | | | _ | | | | | | | | |
| 4 | 1 | | | 100% | | CL | | | 4-8' Clay, Ol | live Green/Red | Orange | | 0.0 |
| 5 | 1 | | | | _ | | | | | | | | <u> </u> |
| | | | | | = | | | | | | | | |
| 6 | | | | | + | | | | | | | | |
| 7 | | | | | \perp | | | | | | | | |
| - 8 | | | | | | | | | | | | | |
| - 8 | - | ļ | | 100% | _ | SM | | : | 8-12' Sand, Oliv | e Green/Light E | rown, wet | | 0.0 |
| 9 | | | | | | | | | | | | | |
| 10 | ┼ | <u> </u> | | | - | | | | | | | | |
| | | | | | | | | | | | | | |
| 11 | 06-C | 10.5-1 | 1.0' | | | | | | | | | | - |
| 12 | | | | | | - | | | End | of Exploration | | | |
| 12 | - | | | | - | | | | | | | | <u> </u> |
| 13 | | | | | | | | [| | | | | |
| 14 | | | | | | | |] | | | | | ļ |
| 15 | | | | | 4 | | _ | | | | | | |
| | | | | | | | | 1 | | | | | |
| 16 | | l | | | | | | L | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | probe R | Lig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | Yes | | | | START | DATE: | 9/29/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | M: | 14 | ' TO: 19' | END DA | ATE: | 9/29/2007 | | |
| NOTES: | | | | - | | | | | - | | | | |
| PID me | asuremen | its were t | aken i | n 6" intervals | | | | | | | | | |
| | measured t applicab | | ound s | urface | | | | | | | | | |
| IAV-100 | , аррисац | | | | | | | | | | | | |
| | _ | | | | | | | | | | j | | |

| | | | | В | ORING 1 | LOG | } | | | BORIN | G NUMBE | R: P14-07 |
|-------------------------------|--|--------------|------|--------------------------|--------------|-----------------------------|-------------------------------|-------|--|-------------------------|----------------|----------------|
| | | | | IENTAL & | LOCAT | ION: | US Army BRAC Charles Woods A | | - | JOB NUM CLIENT: DRILLER | IBER: USACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RI | EP: R. McCorn | nick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH | OF GROUNI | OWATER | |
| | TYPE | | Geor | robe MacroCore | | | | DA. | TE 09/29/07 | | - | |
| HAMM | ZE (ID) ER WEIG | SHT | | 2" NA | | | | Gro | undwater Depth (feet): | | 9.5' | - |
| | MER FA | | | NA | | - | | | 1 | | Ţ. . | |
| | | | IPLE | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DES | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | <u> </u> | | | 100% | SP | - | | ი 5-4 | 0-0.5' Asphalt ' Sand, Light Brown/Tan, li | ttle gravel | | 0.0 |
| 1 | 07-A | 0.5- | 1.0' | | | | | 0.5 4 | ound, Digit Browns 1 un, 11 | ino graver | | <u> </u> |
| | | | | | | | | | | | | |
| 2 | 07-В | 1.5-2 | 2.0' | | | | 1 | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 4 | - | | | 100% | SP | | | 10 | Sand, Olive Green/Brown | Oranga | | 0,0 |
| 4 | | | | 100% | SP SP | | | 4-0 | Sand, Onve Green/Brown | Orange | | 0.0 |
| 5 | | | • | | | | | | | | | |
| | | | | | | | | | | | | |
| - 6 | - | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 8 | - | | | 100% | SP | SP 8-11.5' Sand, Olive Gree | | | | | | 0.0 |
| <u> </u> | | | | 10074 | - 3, | | | | 6-11.5 Build, Olive Green, | .,,,, | | |
| 9 | | | | | | | | | | | | |
| 10 | 07-C | 9-9 | .5' | | | | | | | | | |
| - 10 | | | | | | | | | | | | |
| 11 | ļ | | | | | | | | | | | |
| 12 | - | | | | SP | | | | 11.5-12' Sand, Light Grey, End of Exploration | wet | | |
| 12 | 1 | | | | + | | | | End of Exploration | | | |
| | | | | | | | | | | | | |
| 13 | - | <u> </u> | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | - | - | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | | SURFACE ELEVATION | √ : | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START DATE: | 9/29/2007 | | |
| RISER FRO | | NA | TO: | NA SCREEN | | NA | TO: NA | | END DATE: | 9/29/2007 | | |
| NOTES: | | | | | | - | | | | _ | | |
| PID mea Depths i NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | I | BORING | LO | 3 | | | BORIN | G NUMBI | ER: P14-08 |
|-----------------|----------------------------------|---------|------------|--------------------------|--------------|-------|-----------------|--|--------------------------------------|--------------|------------|---------------|
| SHAW | / TEININ | VID. | NI | TENTAL (| R. PROJ | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | ~ | | | | | CLIENT: | USACE | |
| | 12 44. | | | TORG | LOCA | TION: | Charles Woods A | rea, FTMM, NJ | | l l | | |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER | : Frank Ac | corsi |
| | | | | | COM | RAC I | OR. 173 | | | FIELD RE | P: R. McCo | mick |
| | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUNI | WATER | |
| | TYPÉ ZE (ID) | | Geor | orobe MacroCore | | | | DATE 09/29 | / 07' | | <u> </u> | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | Pepth (feet): | | 10.0' | _ |
| HAM | MER FA | | IDLE | NA | | | | <u> </u> | | _ | <u> </u> | <u> </u> |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTIO | N OF MATER | JALS | | PID ppm |
| 0 | | | | 100% | | | | | 0.5' Asphalt | | | |
| 1 | O8-A | 0.5- | 1.0 | | SI CI | | 1 ' | 0.5-1' Sand, Light 1-4' Silty clay, | ht Brown/Tan, l , Olive Green, li | | | 0.0 |
| 2 | | | | | | | | , ,, | , , , , | | | |
| | O8-B | 1.5-2 | | | | | 1 | | | | | 0.0 |
| .3 | | | | | | | | | | | | |
| 4 | | | | | •• | | | | | | | |
| 4 | ļ | | | 100% | SN | 1 | . 4- | 8' Sand with sil | t, Olive Green/I | ight Brown | - | 0.0 |
| 5 | | | | | | - | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | - | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | · | | | | | |
| 8 | - | | | 100% | SN | 1 | | 8-11' Sand, I | Light Brown/Gr | ey, wet | | 0.0 |
| 9 | | | | | | | | | | | | |
| 10 | O8-C | 9.5-1 | 0.0' | | | | | | | | | |
| 11 | - | | | | OI | | | -12' Silt and Org | vanies Dark Gre | w/Rlack wet | | |
| | <u> </u> | | | | | · | 1 | | | J/Black, WCt | | |
| 12 | ┼ | | | | | | | End | of Exploration | | | + |
| | ļ | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | ļ | | | | | | Ì | | | | | |
| 15 | | | | | | |] | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | orobe Rig | | | SURFAC | CE ELEVATIO | N: | | 1 |
| TEMPORA | | | | | Yes | | | START | | 9/29/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | 14 | ' TO: 19' | END DA | | 9/29/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | · | | | | | | | |

| | | - | | В | ORIN | G LO | G | | BORING NUMBI | ER: P14-09 |
|----------------------|------------------------------------|----------|------------|--------------------------|---------------|--------|--------------|---------------------------------|---|---------------|
| | | | | IENTAL & | & | OJECT: | · | 2005 Site Investigation | JOB NUMBER: CLIENT: USAGE | 124976 |
| | | | | | coi | NTRACT | FOR: TVS | | DRILLER: Frank Acc FIELD REP: R. McCor | |
| | | | , | SAMPLER | CASIN | G | CORE BARREL | DEPTH | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | тове MacroCore 2" | | | | DATE 09/29/07' | | <u> </u> |
| | ER WEIG | 3HT | | NA | | | | Groundwater Depth (feet): | 9.5 | |
| HAM | MER FA | | | NA | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC | Symbol | 1 | DESCRIPTION OF MATE | RIALS | PID ppm |
| 0 | 00.4 | | <i>e</i> 1 | 100% | | ML | _ | 0-3' Sandy Silt, Light Br | own | 0.0 |
| 1 | O9-A | 0-0 | د. | | | - | | | | 0.0 |
| 2 | 09-В | 1.5-2 | 2.0' | | | CL | 2-4' : | Silty clay, Olive Green/Light B | rown, little sand | 0.0 |
| 3 | | | | | | | - | | | |
| 4 | | | | | | - | - | | | _ |
| 4 | | | | 100% | - | CL | 4-8' 5 | ilty clay, Olive Green/ Light E | rown, little sand | 0.0 |
| 5 | | | | | | | | | | |
| 6 | | | | | | | - | | | |
| 7 | | | | | | | _ | | | |
| 8 | | | | 100% | | SP | | 8-9' Sand, Olive Green, | wet | 0.0 |
| 9 | | | | | | SP | _ | 9-10' Sand, Light Grey, | wet | |
| 10 | 09-C | 9-9 | .5' | | C | L/OL | 10-12 | 'Silty clay and Organics, Dark | Grey/Black, wet | |
| 11 | | | | | | | _ | | | |
| 12 | | | | | | | | End of Exploration | | |
| 12 | | | | | | | | | | |
| 13 | | | | | | | _ | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | <u> </u> | | | | | 1. | | | |
| DRILLING | | | | uck-mounted Geop | _ | | | SURFACE ELEVATION START DATE: | 9/29/2007 | |
| TEMPORA RISER FRO | | LL INST | TO: | D: NA SCREEI | No N FROM: | ì | NA TO: NA | END DATE: | 9/29/2007 | |
| NOTES: | | -11. | | 50,000 | | | | | | |
| PID me Depths | asuremer measured t applicat | l from g | | n 6" intervals urface | | | | | | |

| | _ | | | - I | ORING | LOC | G | | - | BORIN | G NUMBEI | R: |
|-------------------------------|----------|---------|----------|---------------------------|-----------------|--|-----------------|-------------------|------------------|------------------|---------------|------------|
| SHAW | EN | /IRC | NN | IENTAL | e PROJ | ECT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUM | BER: | 124976 |
| | | | | TURE | ŀ | TION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER | : Frank Acco | |
| | | | | | | | | | | FIELD RE | LP: R. McConn | iick |
| 7 | YPE | | | SAMPLER robe MacroCore | CASING | | CORE BARREL | DATE 0000 | | OF GROUNI | OWATER | |
| | ZE (ID) | | Geop | 2" | | + | | DATE 09/29 | 707 | | | |
| HAMMI | | | | NA | | | | Groundwater I | Depth (feet): | | 12.5' | |
| HAMN | MER FAI | | IPLE | NA | | ــــــــــــــــــــــــــــــــــــــ | <u></u> | <u></u> | | | <u> </u> | _ |
| DEPTH (feet) | No. | DEP | | REC | USC S | mbol | | DESCRIPTION | ON OF MATER | IALS | | PID ppm |
| 0 | 010.1 | - 0.0 | <u> </u> | 100% | SM/ | GP | | 0-2' Silt and S | and, Brown, litt | le gravel | | |
| 1 | O10-A | 0-0 | ٠. | | | | 1 | | | | | 0.0 |
| | | | | | | |] | | | | | |
| 2 | O10-B | 1.5-2 | 2.0' | | CI | <u>. </u> | 2-4' | Silty clay, Olive | Green/Light Br | own, little sand | l | 0.0 |
| 3 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 4 | | | | 100% | M | I. | 4-8' 9 | ilt Olive Green | /Light Orange B | rown little san | | 0.0 |
| | | | | | | | | , 01170 010012 | Zigin Oldingo D | ionii, nuio sun | • | 0.0 |
| | | | | | | | | | | | | |
| 6 | | | | | - - | | | | | | | |
| | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 8 | | | | 100% | M | <u>_</u> | 8-9' S | ilt, Olive Green | /Light Orange B | rown, little san | d | 0.0 |
| 9 | | | | | CL/ | DL. | 9-12 | Silty clay and (| Organics, Dark C | irey/Black, we | t | |
| | | | | | | | | | | • • | | |
| 10 | | | | | | | | | | | | ļ |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | 010-C | 12-1 | 2.5' | | CL/ | DL | 12-16 | Silty clay and | Organics, Dark | Grey/Black, we | rt . | |
| 12 | | | | | _ | | | - | | | | |
| 13 | | | | | | | 1 | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | \vdash | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | | İ | End | of Exploration | | | L |
| DRILLING | RIG TYI | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORAL | RY WEL | L INST. | ALLE |): | Yes | | | START | DATE: | 9/29/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 15 | ' TO: 20' | END DA | ATE: | 9/29/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | • | | | | |

| | | | | В | ORING | LOG | } | | | BORING | G NUMBI | ER: P14-011 |
|-----------------|----------------------------------|---------|------|--------------------------|----------|------|--------------|------------------|---------------------|-----------------------------------|-----------|----------------|
| | | | | IENTAL & | PROJE | | US Army BRAC | | igation | JOB NUMBER: 124976 CLIENT: USACE | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acc | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | _ | | DATE 10/18 | /07' | | | + |
| HAMMI | ER WEIG | | | NA | | | | Groundwater D | Depth (feet): | | 7.0' | |
| HAMN | MER FAI | | IPLE | NA | | Ь | | | | | | -} |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | 011.4 | | - | 100% | SP | | 0-4 | Sand, Yellow (| Orange, little silt | , trace gravel | | 0.0 |
| 1 | O11-A | 0-0 | .5 | | | | | | | | | 0.0 |
| 2 | O11-B | 1.5-2 | 2.0' | | - | | | • | | | | 0.0 |
| 3 | | _ | | | - | | | | | | | |
| 4 4 | | | | 100% | ML | | | 4-6.5' Sand, 3 | Yellow Green, li | ttle silt | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | - | | | | | | | | |
| 7 | 011-C | 6.5- | 7.0' | | - | | | 6.5-8' Sand, Yel | low Orange, littl | e silt, wet | | |
| 8 | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | - |
| 13 | | | | | | | | | | | | |
| 14 | | - | | | - | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | - | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFAC | CE ELEVATION | | | |
| TEMPORA | | | | • | Yes | | | START | | 10/18/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | I FROM: | 7° | TO: 12' | END DA | ATE: | 10/18/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | I | BORING | LOG | | | BORING NUMBE | R: P14-O12 | | |
|-------------------------------|--------------------|---------|---------|--------------------------|--------------|-------|---|---------------------------|----------------------|---------------|--|--|
| SHAW | EN | /TRO |) NN | IENTAL . | & PROJE | ČT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 | | |
| | | | | TURE | LOCAT | TION: | Charles Woods A | rea, FTMM, NJ | CLIENT: USACE | | | |
| | | | | | CONTI | RACTO | OR: TVS | | DRILLER: Frank Acc | orsi | | |
| | | | | _ | | | | | FIELD REP: R. McCorr | nick | | |
| | | | | SAMPLER | CASING | | ORE BARREL | | TH OF GROUNDWATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 10/19/07' | | | | |
| HAMM | ER WEIG MER FAI | | | NA NA | | | | Groundwater Depth (feet): | 7.5' | | | |
| | VILLIC I I I | | IPLE | | | 1 | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Syr | nbol | | DESCRIPTION OF MAT | | PID ppm | | |
| 0 | O12-A | 0-0 | .5' | 100% | SM | | | 0-1' Sand and Silt, Li | ght Brown | 0.0 | | |
| 1 | | | | | SP | | | 1-4' Sand, Yellow O | range | 0.0 | | |
| 2 | O12-B | 1.5-2 | 2.0' | | | | | | | 0.0 | | |
| . 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SP | | | 4-7' Sand, Yellow Oran | nge, wet | 0.0 | | |
| 5 | | | | | SM | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | O12-C | 7-7 | .5' | | SM | | 7-8' Sand and Silt, Light Grey/Orange, mottled, wet | | | | | |
| 8 | <u> </u> | | | | | | | End of Explorati | on . | | | |
| 8 | | | | | | | | | | - | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | | | | | | | | | - | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | 1 | - | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | probe Rig | | | SURFACE ELEVAT | TON: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | 10/19/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | 10/19/2007 | | | |
| NOTES: | | | | | | | | 1. | | | | |
| PID mea Depths r NA≔not | neasured | from gr | | n 6" intervals urface | | | | | | : | | |

| _ | | | | I | BORING | LOC | | | | BORING | NUMBE | ER: P14-013 |
|--|----------------------------------|---------|------|---------------------------|-----------|-------------|-----------------|-----------------------|------------------|-----------------|-------------|----------------|
| SHAW | Z ENV | ZTR (|)NV | IENTAL (| & PROJE | CT: | US Army BRAC | 2005 Site Investiga | tion | JOB NUMI | BER: | 124976 |
| | | | | TURE | l | T101 | <i>α</i> | P. C. C. V. | | CLIENT: | USACE | |
| | | | | | LOCA | HON: | Charles Woods A | ea, FIMM, NJ | | | | |
| | | | • | | CONT | RACTO | OR: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | | | | | FIELD RE | P: R. McCor | mick |
| ······································ | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | ļ., | CORE BARREL | DATE 10/18/07 | | F GROUND | WATER | |
| SI | ZE (ID) | | Сеор | 2" | | | | | | | | |
| HAMM | ER WEIG MER FAI | | | NA NA | | + | | Groundwater Dept | th (feet): | 1 | 3.5' | |
| 14. | | SAN | IPLE | | | -1- | | · | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Sy | mbol ——— | | DESCRIPTION | | | | PID ppm |
| 0 | O13-A | 0-0 | .5' | 100% | Pt | | | 0-1.5' Organ | nics and Asphal | lt | | 0.0 |
| 1 | | | | | | , | | | | | | |
| 2 | O13-B | 1,5-2 | 2.0' | | SM | |) | 5-3' Sand and Silt, 1 | Yellow Orange | , trace clay, m | oist | 0.0 |
| 3 | - | | | | SM | [| 3-4' | Sand and Silt, Ligh | nt Grey/Tan, tra | ice clay, wet | | |
| 4 | 013-C | 3-3 | .5' | | | | | · - | End of Explora | | | |
| 4 | | | | | | | | | End of Exploit | ation | | |
| 5 | - | | | | - | | | | | | | |
| 6 ' | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 7 | <u> </u> | | | | | | · | | | | | |
| 8 | | | | | | | | | | - | | |
| | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | ļ | | | | | | ļ | | | | | |
| 12 | <u> </u> | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | } | | | | | |
| 14 | | | | | | | 1 | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | 1 | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geo | probe Rig | | | SURFACE | ELEVATION: | | | - |
| TEMPORA | | | | | Yes | | | START DA | | 10/18/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | N FROM: | 3' | TO: 8' | END DATE | | 0/18/2007 | | |
| NOTES: | | | | | | _ | | ! | | | | |
| Depths i | asuremen measured applicab | from gr | | o 6" intervals urface | | | | | | | | |

| | - | | | F | ORING | LOG | ; | | | | BC | ORING NUMB | ER: P14-014 |
|-----------------|-----------------|---------|------|--------------------------|-----------|------|-----------------|-------|----------------|----------------|----------|------------------|----------------|
| SHAW | ENV | ЛRC | NV | IENTAL & | PROJE | CT: | US Army BRAC | 2005 | Site Investig | gation | 301 | B NUMBER: | 124976 |
| | | | | TURE | LOCAT | ion: | Charles Woods A | rea, | FTMM, NJ | | CL | IENT: USACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | | DR | ILLER: Frank Ac | corși |
| | | | | | | | | | | | FIE | CLD REP: R. McCo | rmick |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | DEPTI | OF GI | ROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | DA | TE 10/19/0 | 07' · | 1 | | |
| HAMMI | ER WEIG | | | NA | | | | Gro | oundwater De | pth (feet): | | 5.0' | |
| HAMN | MER FAI | | PLE | NA | | L, | | L | | - | | | <u> </u> |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DE | SCRIPTION | N OF MATE | RIALS | | PID ppm |
| 0 | O14-A | 0-0. | - | 100% | SM | | | | 0-1' Sand a | and Silt, Ligh | Brown | | |
| 1 | 014-A | 0-0. | 2. | | SP | | | | 1-2' San | nd, Olive Gree | en | | 0.0 |
| 2 | O14-B | 1,5-2 | 2,0' | | SP | | | | 2-4' Sand | l, Yellow Ora | nge | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4 | 5'5 | and and Silt | Yellow Oran | ne/Brow | m wet | 0.0 |
| 5 | 014-C | 4.5-5 | 5.0' | 10070 | - OM | | 7. | , | ana ana om, | · · | 50/1010 | n, wei | 0.0 |
| | | | | | SM | | 5.5-7. | 5' Sa | nd and Silt, L | ight Grey/Or | ange, mo | ottled, wet | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | OL | | | | | l organics, Bl | | | |
| <u>8</u> | - | _ | | | 1 | | · · · · | | End o | f Exploration | | | |
| 9 | | - | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | • | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | _ | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geo | orobe Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | | | | | No | | | | START D | | | 19/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | | END DAT | ГЕ: | 10/19/20 | 007 | |
| NOTES: | | | | | | | | | | | | | |
| Depths r | | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | E | ORI | NG L | OG | | | BORING NUMBE | CR: P14-015 | | |
|----------------------|------------------------------------|----------|------|--------------------------|----------|----------|-------------|---|---|---------------------------|----------------|--|--|
| | | | | ENTAL & | & | ROJECT | - | | igation | JOB NUMBER: CLIENT: USACE | 124976 | | |
| | | | | | C | ONTRA | CTOR: TVS | | | DRILLER: Frank Acc |] | | |
| | | | 5 | SAMPLER - | CASI | ING | CORE BARREL | | | OF GROUNDWATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/18 | /07 <u>'</u> | | | | |
| | ER WEIC | HT | | NA - | _ | | | Groundwater D | Depth (feet): | 6.0' | | | |
| HAM | MER FAI | _ | | NA | | | | <u> </u> | | | 1 | | |
| DEPTH (feet) | No. | DEP | TH | REC | US | SC Symb | ool | DESCRIPTIO | N OF MATER | IALS | PID ppm | | |
| 0 | | | | 100% | | SM/GP | | -1' Sand and Sil | t, Light Brown, t | trace gravel | | | |
| 1 | O15-A | 0-0. | .5' | | _ | | | | | • | 0.0 | | |
| | ļ | | | | | SM | | 1-2.5' Silt and S | Sand, Yellow Gre | een | | | |
| 2 | 015-В | 1.5-2 | 2.0' | | - | SM | | 4' Sand with silt | , Yellow Green/ | Orange, moist | 0.0 | | |
| 3 | | | | | | | | | , | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | | | SP | 4-5 | Sand, Yellow C | reen/Orange, tra | ice clay, moist | | | |
| 5 | | | | - 1. | | SP | | 5-6' Sand Ligh | t Grev/Tan little | e silt wet | ļ | | |
| | l | | | | | - 31 | | 5-6' Sand, Light Grey/Tan, little silt, wet | | | | | |
| 6 | 015-C | 5.5-0 | 5.0' | | _ | ML OL | | | range, little sand id organics, Blac | | | | |
| 7 | | | | _ | | OL | | 0.5-6 Sili ai | ia organics, Diac | A, WCI | | | |
| | | | | | _ | | | End | of Exploration | | ļi | | |
| 8 | | | | | | | | Ellu | oi exploration | | | | |
| | | | | | | | | | | | | | |
| 9 . | | | | | +- | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | + | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 12 | + | | | | + | | • | | | | + | | |
| | | | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | |
| 14 | | | | | 工 | | | | | | | | |
| 15 | | | | | | | | | | | i | | |
| | 1 | | | | | | | | | | | | |
| 16 DRILLING | RIG TV | L PE: | Tn | uck-mounted Geo | probe Ri | ig | | SURFA | CE ELEVATIO | N: | _L | | |
| | | | | | Yes | 5 | | START | | 10/18/2007 | | | |
| TEMPORA RISER FRO | | NA NA | TO: | NA SCREE | | л: | 5' TO: 10' | END DA | | 10/18/2007 | | | |
| NOTES: | | | | | | | | | | | | | |
| PID me Depths | asuremen measured t applicab | from g | | n 6" intervals urface | | | | | | | | | |

| | | | | | OR | ING I | COC | , | | | | BORING | G NUMBI | ER: P14-016 |
|-----------------------|----------------|----------|--------------|--------------------------|--------------|--------|------|---------------|------|------------------|------------------------------------|-------------------------|-------------|----------------|
| SHAW | ENV | VIRC | NN | TENTAL & | & I | PROJEC | CT: | US Army BRA | C 20 | 005 Site Investi | gation | JOB NUM | BER: | 124976 |
| IN | IFRA | STR | UC | TURE | i | LOCAT | ION: | Charles Woods | Are | a, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | | DRILLER | : Frank Acc | corsi |
| | | | | | ľ | CONTR | ACTO | OR: TVS | | | | FIELD RE | P: R. McCor | mick |
| | | | | SAMPLER | CAS | SING | (| ORE BARREL | Т | | DEPTH | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | orobe MacroCore 2" | | | | | I | DATE 10/19/ | 707' | - | | |
| HAMM | ER WEIG | | | NA | | | | | _ | Froundwater D | epth (feet): | | 5.5' | |
| HAMN | MER FAI | SAM | PLF | NA | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | U | SC Sym | | | | | N OF MATER | | | PID ppm |
| 0 | O16-A | 0-0. | 5' | 100% | | SM/GI | • | | 0- | -2' Sand and Si | lt, Light Brown | trace gravel | | 0.0 |
| 1 | 0.077 | U-0. | _ | | | | | | | | | | | 0.0 |
| 2 | O16-B | 1.5-2 | .0' | | + | ML | | | 2- | 4' Silt, Dark G | reen, little sand, | trace clay | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | \vdash | | | | \dashv | - | | | | | | | | |
| 4 | | | | 100% | - | SP | | | | 4-7' Sand, Ligh | ht Grey Green/I | an, wet | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | 016-C | 5-5. | 5' | | | | | | | | | | | |
| 7 | | | | | \downarrow | SP | | | | 2251C1 D | | | | |
| | | | | | | OL | | | | 7.5-8' Silt and | ark Brown/Orar d organics, Blac | | | |
| 8 8 | | | | | + | | | | | End o | of Exploration | | | |
| 9 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 10 | - | | | | + | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | + | | | | | | | | | |
| 12 | | - | | - | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | + | | | | | | | | | |
| 16 | | | | _ | \perp | | | | | | | | | |
| | DIG TW | | | uals manated Com | | | | | | CYIDE: C | IC PY EVATION | t. | | |
| DRILLING | | | | uck-mounted Geop | | Эg | | | | | E ELEVATION | | | |
| TEMPORAL RISER FRO | | | ALLEI TO: | D: NA SCREEN | No 1 FROI | M: | NA | . TO: N | Α | START I | | 10/19/2007 0/19/2007 | | |
| NOTES: | | | | <u> </u> | | | | | | 1 | | | | |
| | neasured | from gre | | n 6" intervals urface | | | | | | | | | | |

| | _ | | | | ORING | LOC | } | | | BORING NUM | MBER: P14-017 |
|-----------------|--------------------------------------|--------|------|--------------------------|-----------|--|-------------------------------|-------------------|--------------------|-----------------|---------------------------|
| | | | | IENTAL & | LOCA | ECT: ATION: | US Army BRAC Charles Woods A | | igation | ŀ | 124976 DE k Accorsi |
| | | | | | | | | | | FIELD REP: R. M | eCormick |
| | | • | | SAMPLER | CASING | | CORE BARREL | DATE 10/10 | | OF GROUNDWATE | 2 |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 10/18 | /0 <i>1</i> - | | |
| HAMM | IER WEI | | | NA | | _ | | Groundwater D | epth (feet): | 7.5' | |
| HAM | MER FA | _ | IPLE | NA | | ــــــــــــــــــــــــــــــــــــــ | | <u> </u> | | | |
| DEPTH (feet) | No. | DEP | | REC | USC S | ymbol | | DESCRIPTIO | ON OF MATER | IALS | PID ppm |
| 0 | | | | 100% | SM/ | GP | | 0-4' Sand and Sil | lt with gravel, Li | ght Brown | |
| 1 | O17-A | 0-0 | .5' | | | | | | | | 0.0 |
| 2 | O17-B | 1.5- | 2.0' | | - | | | | | | 0.0 |
| 3 | 12 | | | | | | | | | | |
| | | | | | | | | | | | |
| 4 | | | | | S | P | | 4-6' Sand and Sil | t, Olive Brown, | moist, coal | |
| 5 | - | | - | | | | | | | | |
| 6 | | | | | 0 | | | 6-8' Silt and | d organies, Black | c, wet | |
| 7 | | | | | | | | | , | • | |
| | O17-C | 7-7 | '.5' | | | | | End | of Exploration | | |
| 8 | | | | | | | | Ellu | OI Expidiation | | |
| 9 | + | | | | | _ | <u> </u> | | | | |
| 10 | - | | | | + | | | | | | |
| 11 | | | | | | | | | | | |
| | | | | | | | 1 | | ٠ | | |
| 12 12 | 1_ | | | | | | | | | | |
| 13 | <u> </u> | | | | | | | | | | |
| 14 | - | | | | | | | | | | |
| 15 | | | - | | | | } | | | | |
| | 1 | | | | | | | | | | |
| 16 DRILLING | LL | L | т | uck-mounted Geo | nrohe Pia | | l . | SIRFA | CE ELEVATION | √ . | |
| TEMPORA | | | | | Yes | | | START | | 10/18/2007 | |
| RISER FR | | NA NA | TO: | NA SCREE | | 7' | TO: 12' | END DA | | 10/18/2007 | |
| NOTES: | | | | | | | | <u> </u> | | | |
| PID mo | easuremen measured ot applicab | from g | | n 6" intervals urface | | | | | | | |

| | | | | ВС | DRING I | LOG | + | | | BORING NUME | BER: P15-A1 |
|-----------------|--------------------------------------|----------|-------|----------------------------|---------|------|--------------|-----------|-----------------------------------|------------------------------------|----------------|
| | | | | MENTAL & TURE | PROJE(| | US Army BRAC | | 5 Site Investigation FTMM, NJ | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTR | ACTO | R: TVS | | | DRILLER: Frank A FIELD REP: R.McCo | |
| | | | | | Ц | | | _ | | FIELD REF: K.MCCC | |
| | TYPE | | | SAMPLER probe MacroCore | CASING | _ c | ORE BARREL | | DEPTH O | F GROUNDWATER | |
| S | IZE (ID) | | J G00 | 2" | | | | 1 | 41E 10/22/07 | | |
| | MER WEI | | | NA NA | | | | Gr | oundwater Depth (feet): | 13.0' | |
| HAN | IMER FA | | MPLE | NA | _ | 1 | | | | | |
| DEPTH (feet) | No. | | тн | REC | USC Syn | nbol | | DI | ESCRIPTION OF MATERIA | LS | PID ppm |
| 0 | A1-A | 0.0 |).5' | 100% | SM | | | | 0-1' Silt and Sand, Brown | | |
| 1 | NI-A | U-(| | | SM | | | 1- | 4' Sand and Silt, Light Brown/C | Orange | 0.0 |
| 2 | A1-B | 1.5- | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | | 100% | SM | | | 4- | -5' Sand and Silt, Light Brown/G | Orange | 0.0 |
| 5 | <u> </u> | | | | sw | | | | 5-8' Sand, Yellow Brown, little | e silt | |
| 6 | | | | | | | | | | | |
| 7 | <u> </u> | | | | | | | | | | |
| 8 | - | | | 100% | SW | | | 8-1 | 2' Sand, Yellow Brown, little si | lt. moist | 0.0 |
| 9 | | | | | | | | | , | | - 317 |
| 10 | ļ | | | | | | | | | | |
| 11 | <u> </u> | | - | | | | | | | | |
| 12 | | | | 100% | SM | | | 12 | 2-16' Sand with silt, Olive Yello | w wet | 0.0 |
| 13 | A1-C | 12.5-13 | 3.0' | 13070 | 5.71 | | | 12 | - 10 Dana wan san, Onvo Tenu | , | 0.0 |
| 14 | | | _ | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | + | - | | | - | | | | End of Exploration | | |
| DRILLING | 3 RIG TY | PE: | Tr | uck-mounted Geopre | be Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | ARY WEI | L INST | ALLE | D: N | 0 | | | | START DATE: | 10/22/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | | END DATE: | 10/22/2007 | |
| Depths | easuremer measured ot applicat | l from g | | n 6" intervals surface | | | | | | | |

| | | | | В | ORING | LOG | 3 | | | - | BORING | NUMB | ER: P15-A2 |
|-----------------|------------------------------------|---------|------|---------------------------|---------------|----------|--------------|----|-----------------------------|----------|------------|---------------|---------------|
| | | | | IENTAL & | PROJE LOCA | | US Army BRAC | | 5 Site Investigation | - 1 | JOB NUME | BER: USACE | 124976 |
| | | | | | CONT | RACTO | OR; TVS | | | Ī | DRILLER: | Frank Ac | ecorsi |
| | | | | | | | | | | 1 | FIELD REF | P: R.McCo | mick |
| -, | ГҮРЕ | | Geor | SAMPLER robe MacroCore | CASING | (| ORE BARREL | DA | DEPT ATE 10/22/07' | H OF | GROUND | WATER | |
| SI | ZE (ID) | | Gcop | 2" | | | | | | T | | | |
| | ER WEIG | | | NA NA | | - | | Gr | oundwater Depth (feet): | + | | 12.0' | |
| HAWI | VIEK PA | | IPLE | na l | | ٠ | | | <u> </u> | | , | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DE | SCRIPTION OF MATI | ERIAI | L S | | PID ppm |
| 0 | | | | 100% | SM | | | 0- | 1' Silt and Sand, Light Br | own, c | coal | | |
| 1 | A2-A | 0-0. | .5' | | SP | | | | 1-4' Sand, Dark Orange | Browi | n | | 0.0 |
| 2 | A2-B | 1.5-2 | 2.0' | | _ | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | 1 | | | | | - | | | | | | | |
| 4 | - | - | | 100% | SP | - | | | 4-8' Sand, Olive Yellow, | little s | ilt | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | <u> </u> | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | 7.5' Iron Stone | | | | |
| 8 | \vdash | | | 100% | SM | <u> </u> | | 8- | 12' Sand with silt, Olive Y | reliow | , wet | | 0.0 |
| 9 | - | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | - | | _ | | | | | | | | |
| 12 | A2-C | 11.5-12 | .0' | | | | | | End of Exploratio | n | | | · |
| | | | | | | | | | | | | | |
| 13 | | | _ | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | _ | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | | | | ack-mounted Geop | | | | | SURFACE ELEVATI | | | | |
| TEMPORA | | | | | No | | | | START DATE: | | 10/22/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | N.A | TO: NA | ١. | END DATE: | | 10/22/2007 | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING | LOG | } | | | BORING NUMBE | ER: P15-A3 |
|-------------------------------|----------------|-----------|------|--------------------------|--------------|------|-----------------|-------|--------------------------------|--------------------|---------------|
| SHAW | EN | VTRC | INI | ŒNTAL & | PROJE | CT: | US Army BRAC | 200: | 5 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | CLIENT: USACE | |
| _ | | | | | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Acc | orsi |
| | | | | | | | | | | FIELD REP: R.McCom | nick |
| - | | | | SAMPLER | CASING | C | ORE BARREL | | | F GROUNDWATER | , |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | - DA | ATE 10/22/07' | | - |
| HAMMI | | | | NA NA | | | | Gr | oundwater Depth (feet): | 12.0' | |
| HAMI | AER FA | | PLE | NA . | | | | _ | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | | SCRIPTION OF MATERIA | | PID ppm |
| 0 | A3-A | 0-0 | 5' | 100% | SM/G | P | | 0- | l' Silt and Sand, Brown, trace | gravel | 0.0 |
| 1 | | Ľ | | | SM | | | 1-2 | Sand with silt, Orange Brown | , quartz | |
| 2 | АЗ-В | 1,5-2 | 2.0' | | SM | | | 2-4 | Sand with silt, Olive Yellow | Orange | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | • | | | | | | | | |
| 4 | | | | 100% | SM | | | 4-8 | 'Sand with silt, Olive Yellow/ | Orange | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | + | | | | | | |
| 8 | | | | | | | | | | | |
| 8 | | | | 100% | SP | | 8-1 | 2' Sa | nd, Yellow/Light Grey Olive, I | ittle silt, wet | 0.0 |
| 9 | | | | | _ | | | | | | |
| 10 | | | | | | | | | | | |
| | | | | | | _ | | | | | |
| | - | - | | | | | , | | | | |
| 12 12 | A3-C | 11.5-12 | .0' | | - | | 1 | | End of Exploration | | _ |
| | | | | · · · · · · | | | | | | | |
| 13 | | | | | 1 | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | RY WEI | LL INST | ALLE | D : | No | | | - | START DATE: | 10/22/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | | END DATE: | 10/22/2007 | |
| NOTES: | | <u>-</u> | | | | | | | | | |
| PID mea Depths r NA≕not | neasured | l from gr | | n 6" intervals urface | | | | | | | |

| | _ | | | В | ORING I | LOG | | | | | BORIN | G NUMBE | ER: P15-A4 |
|-----------------|------------------------------------|----------|------|---------------------------|-----------------|------|-------------------------------|--------|------------|------------------|-------------------------|-----------------|-----------------|
| | | | | IENTAL & | PROJEC LOCAT | ION: | US Army BRAC Charles Woods A | | | igation | JOB NUM CLIENT: DRILLER | USACE Frank Acc | 124976 corsi |
| | | | | | | | | | | | FIELD RE | P: R.McCorr | nick |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | С | ORE BARREL | DAT | E 10/22 | | OF GROUND | WATER | |
| | ZE (ID) | | Сеор | 2" | | | | | | | | | |
| | ER WEIG | | _ | NA NA | | | | Grou | indwater E | epth (feet): | | 12.0' | |
| HAMI | VIER FA | | IPLE | NA | | | | | | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DES | CRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM/GI | Ρ | | 0-1' | Silt and S | and, Brown, trac | e gravel | | |
| 1 | A4-A | 0-0 | .5' | | SP | _ | | 1-4' | Sand, Dark | Orange Brown, | , little silt | | 0.0 |
| 2 | A4-B | 1.5-2 | יח כ | | | | | | | | | | 0.0 |
| | AT-D | 1.5-2 | 0 | | | | | | | | | | |
| 3 | \vdash | <u> </u> | | | | | | | | | | | |
| 4 | - | | | 100% | SP | | | 4-8' | Sand. Darl | COrange Brown | . little silt | | 0.0 |
| | | | | | | | | | J | | , | | |
| 5 | | | | | <u> </u> | | | | | | | | |
| 6 | - | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 8 | | | | 100% | SP | | 8-1 | 2' San | d, Yellow/ | Light Grey Olive | e, little silt, wet | : | 0.0 |
| 9 | | | _ | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | - | | • | | - | | | | | | | | |
| | 140 | | 0) | | | | | | F | of Europeantian | | | |
| 12 12 | A4-U | 11.5-12 | .0 | | | | | | CIIC | of Exploration | | | |
| 13 | - | | | | - | | | | | | | | |
| 14 | | | | | <u> </u> | | | | | | | | |
| | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | i | | | | | _ |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WE | LL INST | ALLE | D: : | No | | | | START | DATE: | 10/22/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | I FROM: | NA | TO: NA | | END DA | ATE: | 10/22/2007 | , | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremer measured t applical | l'from g | | n 6" intervals urface | | | | | | | | | |

| - | | | | В | ORING | LOG | ; | | | | BORIN | G NUMBE | R: P15-A5 |
|-----------------|----------|---------|-------|----------------------------|--------------|--|-----------------|--------|---------------|-----------------|---------------------|--------------|--------------|
| | | | | TENTAL & | PROJE | CT: | US Army BRAC | 2005 | Site Investi | igation | JOB NUM | | 124976 |
| IN | IFRA | STR | lUC | TURE | LOCAT | ION: | Charles Woods A | rea, I | FTMM, NJ | | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER FIELD RI | : Frank Acco | |
| _ | | | | | | | | _ | | | | | |
| | YPE | | | SAMPLER brobe MacroCore | CASING | _ | ORE BARREL | DA. | TE 10/22/ | | OF GROUNI | OWATER | |
| SIZ | ZE (ID) | | | 2" | | | | | | | | | |
| HAMMI | ER WEIG | | - | NA NA | | | | Gro | undwater D | epth (feet): | | 12.0' | - |
| 117 11411 | 11111111 | | IPLE | 145 | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ibol | | | | N OF MATER | | | PID ppm |
| 0 | A5-A | 0-0. | .5' | 100%_ | SM | | | | 0-1' Silt and | d Sand, Light B | rown | | 0.0 |
| 1 | | | | | SP | | | | 1-2.5 | 5' Sand, White | | | |
| 2 | A5-B | 1.5-2 | 2.0' | | | | | | | | | | 0.0 |
| | | | | | SM | | 2.5 | -4' S | and with sil | t, Dark Orange | Brown/Olive | | |
| 3 | <u> </u> | | | | <u> </u> | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | <u> </u> | | | 100% | SM | | 4- | -8' Sa | and with silt | , Dark Orange | Brown/Olive | | 0.0 |
| 5 | | | | | ļ | | | | | | | | |
| 6 | | | | | ļ | | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | | | | | - | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| . 8 | | | | 100% | SM | | 8- | 10' S | and with sil | t, Dark Orange | Brown/Olive | | 0.0 |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | SP | | | 10 | 0 12' Cand | Yellow/Olive, l | ittle eilt | | |
| | | | | | SP SP | | | 11 | 0-12 Sanu, | i enow/Onve, i | ittle siit | | |
| 11 | | | | | | | | | | | | | |
| 12 | A5-C | 11.5-12 | .0* | | | | | | End | of Exploration | | | |
| 12 | - | | | | | | | | | | | _ | |
| 13 | | | - | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | | |
| | | | | | | | , | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | <u> </u> | | L | | | | | | |
| DRILLING | RIG TY | PE: | Tri | uck-mounted Geopr | obe Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: N | io | | | | START I | DATE: | 10/22/2007 | 7 | |
| RISER FRO | | NA | TO: | NA SCREEN | | NA | TO: NA | | END DA | | 10/22/2007 | | |
| NOTES: | | | | | | | | | _ | | | | |
| | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | _ | | ORING | LOG | <u> </u> | | | BORING | NUMBE | |
|-----------------|------------------------------------|-----------|------------|---------------------------------------|-----------|---------|------------------|----------------|-----------------------|------------|------------|------------------|
| | | | | | PROT | | US Army BRAC | 2005 Site Inve | stigation | JOB NUME | BER: | P15-A6 124976 |
| | | | | IENTAL & | & I | | ob rainy brane i | | | CLIENT: | USACE | 12,510 |
| II | NFKA | STR | luc | TURE | LOCA | TION: | Charles Woods Ar | ea, FTMM, N | IJ | CEIENT. | USACE | |
| | | | | | | D . CT. | ND THE | | | DRILLER: | Frank Acc | orsi |
| | | | | | CONT | RACTO | OR: TVS | | | FIELD REI | P: R.McCom | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | DEPTH (| OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/2 | 22/07' | | | |
| HAMM | ER WEI | | | NA | | - | | Groundwater | Depth (feet): | | 3.5' | |
| HAM | MER FA | | EDI E | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sy | mbol | | DESCRIPTI | ON OF MATERI | ALS | | PID ppm |
| 0 | 146.1 | | | 100% | SM/ | GP | | 0-1' Silt and | Sand, Brown, trace | gravel | | |
| 1 _ | A6-A | 0-0 | .5. | | SF | | | 1-3' Sand, O | live Brown, little cl | ay, wet | | 0.0 |
| 2 | A6-B | 1.5- | , 0' | | | | | | | | | 0.0 |
| | AU-B | 1.5- | 5.0 | | | | | | | _ | | J., |
| 3 | A6-C | 3-3 | .5' | | MI | | 3- | 4' Clay with s | and, Dark Orange I | Brown, wet | | <u> </u> |
| 4 | | | | | | | | En | d of Exploration | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | - | | | | | | |
| 7 | \vdash | | | | | | | | | | | <u> </u> |
| - 0 | 1 | | | | İ | | | | | | | |
| 8 | | | | | | | | · | | _ | | |
| 9 | ┧── | <u> </u> | | | | | | | | | | - |
| | 1 | | | | | | | | | | | |
| 10 | | | | | | _ | | | | | | |
| 11 | 1 | ļ | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | ļ | | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| | | ļ | | | | | | | | | | |
| 16 DRILLING | RIG TY | l PE: | Tn | ıck-mounted Geor | orobe Rig | | | SURF | ACE ELEVATION | | | 1 |
| TEMPORA | | | | | No | | | | Γ DATE: | 10/22/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | NA | TO: NA | END I | | 10/22/2007 | | |
| NOTES: | | | | | | | | | | T | | |
| Depths | asuremer measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | H | ORIN | G LO | G | | | | BORING NU | | R: P15-A7 |
|-------------------------------|-----------------|----------|----------|--------------------------|-------------|--------|-------------------|----------|----------------|-------------------|------------------|---------|--------------|
| SHAW | EN | VTRC | NN | ŒNTAL . | PRO | JECT: | US Army BRAC | 200 | 5 Site Investi | gation | JOB NUMBER: | _ | 124976 |
| | | | | TURE | | CATION | : Charles Woods A | rea, | , FTMM, NJ | | CLIENT: USA | CE | •• |
| | | | | | COL | TRAC | ror: TVS | | | | DRILLER: Fran | ık Acco | rsi |
| | | | | | | | | | | | FIELD REP: R.M. | lcCormi | ck |
| | | | | SAMPLER | CASIN | G | CORE BARREL | Γ | | | OF GROUNDWATE | R | |
| | TYPE ZE (ID) | | Geor | robe MacroCore 2" | | | | D, | ATE 10/22/ | 07' | | | |
| HAMM | ER WEI | | | NA | | | | Gı | oundwater D | epth (feet): | 10.0' | | - |
| HAMI | MER FA | | IPLE | NA | | | T | L | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | - | Di | ESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | A7 A | 0.0 | <u> </u> | 100% | T | SM | _ | | 0-1' Silt | and Sand, Brow | m | | |
| 1 | A7-A | 0-0. | ر. | | | SP | | 1-4 | ' Sand, Yello | w/Olive Orange | , little silt | | 0.0 |
| 2 | A7-B | 1.5-2 | 2.0' | | - | | _ | | | | | | 0.0 |
| 3 | | | | | - | | - | | | | | | |
| 4 | | | | 10004 | | on. | ļ | <u> </u> | | | | | |
| 4 | | | | 100% | - | SP | - 4- | 8, S | and, Dark Or | ange Brown/Oi | ive, little silt | | 0.0 |
| 5 | | | | | - | | | | | | | | |
| 6 | <u> </u> | | | | | | | | | | | , | <u> </u> |
| 7 | | | | - | | | | | | | | | |
| , | ļ — | | | _ | | | - | | | | | • | |
| 8 | | | | 100% | <u> </u> | SP | | 10- | -1 D-1 O | D 811 | | | |
| _ | | | | 10076 | | or | - 6-11 | Si | ind, Dark Ora | nge Brown/Yel | low Olive, wer | | 0.0 |
| 9 | | | | | | | - | | | | | | |
| 10 | A7-C | 9.5-10.0 | ı' | | | | | | | | | | |
| 11_ | | | | | | SP | _ | 11 | -12' Sand, Ye | llow/Olive, littl | e silt, wet | | |
| 12 | 1 | | | | | | - | | End o | of Exploration | | | |
| 12 | | | | | | | _ | | | | | | |
| 13 | | | | | | | - | | | | | | |
| 14 | ļ | | | | | | - | | | | | | |
| | <u> </u> | | | | | | _ | | | | | | |
| 15 | | | | - | | | - | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | | SURFAC | E ELEVATION | 1 : | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | START D | ATE: | 10/22/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | I FROM: | N | IA TO: NA | | END DA | ГЕ: | 10/22/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| PID mez Depths r NA=not | neasured | from gre | | n 6" intervals urface | | | | | | | | | , . |

| | | | | В | ORING I | LOG | } | | | BORING | G NUMBE | R: P15-A8 |
|-----------------|----------------------------------|-----------|------|--------------------------|-----------------|---------------|-------------|-------|----------------------------------|----------------------|------------|--------------|
| | | | | IENTAL & TURE | PROJEC LOCAT | | US Army BRA | | 5 Site Investigation FTMM, NJ | JOB NUM! CLIENT: | | 124976 |
| , | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: FIELD RE | Frank Acco | 1 |
| | | - | | SAMPLER | CASING | (| ORE BARREL | | | F GROUND | WATER | , |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | —DA | TE 10/22/07' | | | |
| HAMM | ER WEI | | | NA | | | | Gr | oundwater Depth (feet): | | 10.0' | |
| HAMI | MER FA | | IPLE | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | bol | | DE | SCRIPTION OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | | | | | 0-0.5' Asphalt | | | |
| 1 | A8-A | 0.5- | 1.0 | | SM | | | , | 0.5-1.5' Sand with silt, Dark C | ireen | | 0.0 |
| 2 | A8-B | 1.5-2 | | | SM | | | 1.5- | 4' Sand with silt, Yellow/Oliv | e Orange | | 0.0 |
| | Ао-Б | 1.5-/ | 2.0 | | | | | | | | | 0.0 |
| 3 | - | | | | - | | | | | | | |
| 4 | | | | 1000/ | | | | | 4-8' Sand with silt, Yellow C | Missa | | 0.0 |
| 4 | | | | 100% | SM | | | | 4-6 Sand Will Sit, Tellow C | , ii ve | | 0.0 |
| 5 | | - | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | 1 | | | | | | | | | | | |
| 8 | | | | · 100% | SM | | | 8-11' | Sand with silt, Yellow Olive/C | Orange, wet | | 0.0 |
| 9 | | | | | - | | | | | | | <u> </u> |
| | 100 | 0.5.10.6 | , | <u> </u> | | | | | | | | |
| 10 | A8-C | 9.5-10.0 | | | | | , | | | | | |
| 11 | 1 | | | | SP | - | | 11-12 | Sand, Light Yellow/Olive, li | ttle silt, wet | | |
| 12 | _ | | | | ļ | | | | End of Exploration | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | <u> </u> | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geopr | obe Rig | | | | SURFACE ELEVATION | : | | - |
| TEMPORA | | | | • | lo | | | | START DATE: | 10/22/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREEN | | NA | . TO: 1 | ۸A | END DATE: | 10/22/2007 | | |
| NOTES: | _ | | | | | | | | <u> </u> | 1 | | |
| PID mea | asuremer measured applicat | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING | LOC | | | | _ | - | BORIN | G NUMB | ER: P15-A9 |
|---|-----------------|---------|-------|--------------------------|----------|----------|-----------------|---------|-------------|--------------|-----------|------------|------------|---------------|
| SHAW | TENT | лрс | · | TENTAL & | PROJE | cT: | UŠ Army BRAC | 2005 S | ite Inves | tigation | | JOB NUM | BER: | 124976 |
| | | | | TURE | ŀ | | | | | | , | CLIENT: | USACE | |
| | 12 24. | | | TORES | LOCAT | ION: | Charles Woods A | rea, FT | MM, NJ | | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | | | DRILLER | Frank Ac | corsi |
| | | | | | 00.1.2 | | 7.0 | | | | | FIELD RE | P: R.McCor | mick |
| | | | | SAMPLER | CASING | (| CORE BARREL | | | DE | ртн о | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | DATE | 10/23 | 3/07' | 1 | | | |
| HAMMI | ER WEI | | | NA | - | | | Groun | dwater I | Depth (feet) |): | | 11.0 | |
| HAMN | MER FA | | IPLE | NA | | L | 1 | l | | ļ | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | abol | | DESC | CRIPTIC | ON OF MA | ATERIA | ALS | | PID ppm |
| 0 | | | | 100% | 1 | _ | | | | -0.5' Aspha | | | | |
| 1 | A9-A | 0.5- | 1.0 | | SW/G | <u> </u> | | 0.5-1 | .5' Sand | and Gravel | , Light l | Brown | | 0.0 |
| | | | | | SM | | | 1.: | 5-3' Silt : | and Sand, I | Dark Gre | een | | |
| 2 | A9-B | 1.5-2 | 2.0' | | | | | | | | | | * - | 0.0 |
| 3 SM 3-4' Silt and Sand, Orange Brown 4 100% SP 4.5' Sand Orange Vallon/Proper little silt projet | | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Orange Yellow/Brown, lilttle silt, moist | | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Orange Yellow/Brown, little silt, moist | | | | | | | | | | | | | 0.0 | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | • | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | ~ | | 9 |
| 8 | | | | 100% | SP | | | 8-12' | Sand, Or | range Yello | w/Brow | vn, wet | | 0.0 |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | A9-C | 10.5-11 | .0' | | | | | | | | | | • | |
| 12 | | _ | | | - | | | | | . cr | | | | |
| 12 | | - | | | | | | | End | of Explora | ition | | | / |
| 13 | | | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 14 | | | | | <u> </u> | | | | | | | | | <u> </u> |
| 15 | | | | | | | | | | ,• | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geor | robe Rig | | | | SURFA | CE ELEVA | ATION: | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | START | DATE: | | 10/23/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | I FROM: | NA | TO: NA | | END DA | ATE: | | 10/23/2007 | | |
| NOTES: | | | | | | | | !_ | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

BORING NUMBER: **BORING LOG** P15-A10 PROJECT: JOB NUMBER: US Army BRAC 2005 Site Investigation 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Charles Woods Area, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R.McCormick SAMPLER CORE BARREL DEPTH OF GROUNDWATER CASING DATE 10/22/07' TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT. Groundwater Depth (feet): 3.5' NA HAMMER FALL NA SAMPLE No. DEPTH REC USC Symbol DESCRIPTION OF MATERIALS DEPTH ppm SM 0-1' Silt and Sand, Light Brown 100% 0 0.0 A6-A 0-0.5' SP 1-3' Sand, Olive Yellow, little silt, wet 1 0.0 2 A6-B 1.5-2.0' ML 3-4' Sandy Silt, Dark Brown/Olive, wet 3-3.5' A6-C End of Exploration 4 5 6 7 -8 -8 9 10 11 12 12 13 14 15 16 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig START DATE: 10/22/2007 TEMPORARY WELL INSTALLED: END DATE: 10/22/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | - | |] | BORIN | G LO | G | | - | | BORIN | G NUMBI | |
|-----------------|------------------------------------|----------|-------|----------------------------|-----------|--------|-------------|-----------|-----------------|------------------|---------------------|--------------|-------------------|
| | | | | TENTAL TURE | & PRO | OJECT: | US Arm | y BRAC 20 | 005 Site Invest | tigation | JOB NUM | IBER: | P15-A11 124976 |
| 11 | AL'IXA | 1311 | · | TURE | LO | CATION | : Charles | Woods Are | a, FTMM, NJ | | i | | |
| | | | | | со | NTRAC | TOR: TV | /S | | | DRILLER FIELD RI | t: Frank Acc | |
| | | | | | | | | | | | | | |
| | TYPE | | | SAMPLER orobe MacroCore | CASIN | G | CORE BAR | | DATE 10/23 | | I OF GROUN | DWATER | 1 |
| SI | ZE (ID) | | | 2" | | | | | | | | | |
| | ER WEI | | | NA NA | | | | | Groundwater I | Depth (feet): | | 12.0' | |
| naw | MEKTA | | /IPLE | INA | <u> </u> | | | | | <u> </u> | 1 | | 1 |
| DEPTH (feet) | No. | DEP | | REC | | Symbol | | | | ON OF MATE | | | PID ppm |
| 0 | A11-A | 0-0 | . 5' | 100% | | SM | | _ | 0-4' Sand and | Silt, Light Brov | vn/Yellow | | |
| 1 | AII-A | 0-0 | | | | | _ | | | | | | 0.0 |
| 2 | A11-B | 1.5- | 2.0' | | | | | | | | | | 0.0 |
| 3 | | <u> </u> | | | | | - | | | | | | |
| | | | | | | 6 | _ | | | | | | |
| 4 | <u> </u> | | | 1000/ | | - | | | 40.10 | /m 1111 | | | |
| 4 | + | | | 100% | | SP | _ | 4 | 6 Sand, Oran | ge/Brown, lilttl | e silt, moist | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | SP | | | 5-8' Sand, Yell | low/Olive Gree | n, little silt | | |
| 7 | - | | | | | | | | | | | | |
| , | | | | | | | - | | | | | | |
| 8 | 1 | | | 1000/ | | GD. | | 0.1 | N C 4 V-11 | /Oli C | Made the second | | |
| 8 | 1 | | | 100% | _ | SP | - | 8-1. | z sand, reno | w/Olive Green, | little siit, wet | | 0.0 |
| 9 | | | | | | |] | | | | | | |
| 10 | | - | | | | | - | | | | | | |
| | | | | | | | | | | | | | |
| 11 | | | | _ | | | 4 | | | | | | |
| 12 | A11-C | 11.5-12 | 2.0' | | - | | - | | End | of Exploration | | | |
| 12 | | | | | | | | _ | | | | | |
| 13 | - | - | | | | | - | | | | | | |
| -15 | | | | | | • | | | | | | | |
| 14 | - | | | | - | | _ | | | | | | |
| 15 | 1 | | | | | | - | | | | | | |
| | 1 | | | | | | | | | | | | |
| 16 DRILLING | RIG TY | PE: | Tr | Luck-mounted Geo | probe Rig | | <u> </u> | | SURFA | CE ELEVATIO | DN: | | |
| TEMPORA | | | | | No | | | | | | | , | • |
| | | | | | | | | | START | | 10/23/200 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | | IA TO: | NA | END DA | ATE: | 10/23/200 | 7 ———— | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from g | | n 6" intervals urface | | | | | | | | | |

| | | | | | В | ORIN | IG L | OG | | | _ | | | | | BORIN | G NUM | | : 15-A12 | |
|-----------------|--|--------|-------|---------------|-----------|----------|--------|-----------|-----------|----------|--------|------------|----------|-------------|--------|---------------|---------|--------|-------------|----------|
| SHAW | | | | | | PR | OJECT | ·: | US Army | BRAC 20 | 005 \$ | Site Inves | stigat | ion | | JOB NUM | | 1 | 24976 | |
| I | NFRA | STF | RUC | TUR | E | rc | CATIC | N: | Charles W | oods Are | a, F | TMM, N. | IJ | | | CLIENT: | USAC | | _ | |
| | | | | | | cc | ONTRA | СТО | R: TVS | 3 | | | | | | DRILLER | : Frank | Accor | si | |
| | | | | | | | | | | | | | | | | FIELD RE | P: R.Mc | Cormic | k | |
| | | _ | | SAMPL | | CASI | NG | C | DRE BARR | | | T 100 | 2 /0 = 1 | | гн о | F GROUNI | WATER | : | | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | JA1 | E 10/2 | 23/07 | | \top | | - | | - | \dashv |
| HAMM | ER WEIC | | · | NA | | | | | | | Grou | ndwater | Dept | h (feet): | | | 4.0' | | | |
| HAM | MER FAI | | IPLE | NA | | | | Т | | | | | | - | | | ! | | | \dashv |
| DEPTH (feet) | No. | DEP | | | REC | | C Symb | ol | | | | | | OF MAT | | | | | PII ppn | |
| 0 | A12-A | 0-0 | 5' | 1 | 00% | - 5 | SM/GP | \dashv | | 0-1' Sar | nd aı | nd Silt, B | Brown | i, trace gi | avel, | asphalt, bric | k | 1 | 0.0 | \dashv |
| 1 | | | | | | | SM | \dashv | | 1 | l-4' S | Sand and | l Silt, | Orange I | Brown | , moist | | | | |
| 2 | A12-B | 1.5- | 2.0' | | | | | = | | | | | | | | | | | 0.0 | |
| 3 | | | | | | | | 4 | | | | | | 3.5' Wet | | | | | | = |
| 4 | A12-C | 3.5- | 4.0' | | | | | コ | | | | En | | Explorati | on | | | | | 二 |
| 4 | | | - | | | +- | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | - | | \exists | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | - | | \exists | | | | | | | | | | | | |
| 8 | - | | | | | + | | - | | | | | | | | | | | | |
| 9 | | | | | | | | = | | | | | | | | | | | | |
| 10 | 1 | | | | | | | = | | | | | | | | | | | | |
| 11 | ļ | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | - | | \dashv | | _ | _ | | | _ | | | | | | \dashv |
| 13 | | | | | | - | - | | | | | | | | | | | | | = |
| 14 | 1 | | | | | | | \exists | | | | | | | | | | | | |
| 15 | | | | | | | | \exists | | | | | | | | | | | | = |
| 16 | 1 | | | | | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe Rig | 3 | | | | | SURFA | ACE I | ELEVAT | :NOI | | | | | |
| TEMPORA | RY WEL | l inst | ALLEI | D: | | No | | | | | | START | T DA | TE: | | 10/23/2007 | 7 | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | : | NA | TO: | NA | | END D | DATE | : | | 10/23/2007 | 7 | | | |
| NOTES: | | | | | | | | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from g | | | rvals | | | | | | | | | | | | | | | |

| | | | | I | BOI | RING | LOG | | | <u>.</u> | |] | BORING NUMB | ER: P15-A13 |
|-----------------|------------------------------------|----------|--|---------------------------|----------|---------|------|---------------|----------|----------------|-----------------|-----------|-------------------|----------------|
| SHAW | / ENV | VIR | M | MENTAL . | R. | PROJE | CT: | US Army BRAC | 200 | 5 Site Investi | gation | | JOB NUMBER: | 124976 |
| | | | | TURE | SC. | LOCAT | ION: | Charles Woods | Area, | , FTMM, NJ | | Ĺ | CLIENT: USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | | þ | DRILLER: Frank Ac | ccorsi |
| | | | | | | | | | | | | þ | FIELD REP: R.McCo | rmick |
| | | | | SAMPLER | C | ASING | C | ORE BARREL | Γ | | | н оғ | GROUNDWATER | |
| | TYPE ZE (ID) | | Geor | probe MacroCore 2" | <u> </u> | | | | $-D_{i}$ | ATE 10/23/ | '07' | - | | |
| | ER WEI | GHT | | NA NA | \vdash | | | | Gı | roundwater D | epth (feet): | + | 9.0' | |
| HAM | MER FA | LL | | NA | | | | | | | | | | |
| <u> </u> | T | | 1PLE | | _ | | | | | | | | _ | |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Syn | | | | ESCRIPTIO | _ | | | PID ppm |
| 0 | A13-A | 0-0 | 5' | 100% | | SM/G | _ | | 0- | -1' Sand and | Silt, Brown, t | race gr | ravel | 0.0 |
| 1 | AIJ-A | 0-0 | | | | SM | | | 1- | 4' Sand with | silt, Olive Bro | own/O | range | 0.0 |
| 2 | A13-B | 1.5- | 2.0' | | \pm | | | | | | | | | 0.0 |
| 3 | <u> </u> | | | | + | | | | | | | | | |
| | | - | | | _ | | | | | | | | | |
| 4 | | | | 100% | + | SP | | . 4 | -8' S | and, Yellow/ | Olive Green. | little s | ilt. moist | 0.0 |
| 5 | | | | | 1 | | | • | | | ŕ | | , | |
| . | | | | | \pm | | | | | | | | | |
| 6 | | | | | _ | | | , | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | \dashv | | | | | | | | | |
| 8 | 1 | | | 100% | 1 | SP | | | 3-10' | Sand, Yellov | /Olive Green | ı, little | silt, wet | 0.0 |
| 9 | A13-C | 8.5- | 9.0' | | \dashv | | | | | | | | | <u> </u> |
| 10 | | | | | | SP | | 10 | 121 | S4 O | / V-II D | 1:44 | al:!aa | |
| | | | | | | эг | | 10 | -12 . | Sand, Orange | 1 CHOW BIO | wn, nu | ue siit, wet | |
| 11 | - | - | | | - | | | | | | | | | |
| 12 | | | | | \perp | | | | | End | of Exploration | n | | |
| 12 | - | - | | | + | | | | | | | | | <u> </u> |
| 13 | | | | | _ | | | | | | | | | |
| 14 | | | | | + | | | • | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | - | | | | | | | | | | | | | <u> </u> |
| 16 | 1 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFAC | E ELEVATI | ON: | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No | | | | | START | DATE: | | 10/23/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | A. | END DA | TE: | | 10/23/2007 | |
| NOTES: | | | | | | | | | | | | | | |
| Depths : | asuremer measured t applicab | l from g | | n 6" intervals surface | | | | | | | | | | |

| - | | | | В | ORI | NG I | oc | ; | | | | BORIN | G NUMBE | R: P15-A14 |
|-----------------|----------------------------------|---------|-------|--------------------------|---------|-------------|-------------|-------------|--------|----------------|---------------------|------------------|---------------|---------------|
| | | | | IENTAL & | & | PROJEC | | US Army BRA | | | igation | JOB NUM | IBER: | 124976 |
| | | | | | | CONTR | АСТО | R: TVS | | | | DRILLE | R: Frank Acco | rsi |
| | | | | | | ONTE | ACTO | | | | | FIELD R | EP: R.McCorm | ick |
| | m me | | | SAMPLER | CAS | ING | С | ORE BARREL | I | 10/00 | | OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | 1 | ATE 10/23/ | | | | |
| | ER WEI | | | NA | | | | | Gı | oundwater D | epth (feet): | | 7.0' | |
| HAMI | MER FA | | PLE | NA | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | U | SC Sym | bol | | D | ESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | 114 1 | 0.0 | e) | 100% | | SM/GI | \Box | | 0 | I' Sand and S | Silt, Brown, trac | e gravel | | |
| 1 | A14-A | 0-0. | .5' | | | SM | | | 1-3. | 5' Silt and Sa | nd, Orange Yel | low/Brown | | 0.0 |
| 2 | A14-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | SP | | | 3.5 | -4' Sand Veli | low/Olive Green | ı little silt | | |
| 4 | | - | | | | | | | | | | | | |
| 4 | | | | 100% | _ | SP | | | 4-6.5' | Sand, Yellow | /Olive Green, li | ttle silt, moist | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | A14-C | 6.5-7 | 7.0' | | + | SP | \dashv | 6.5-8' Sand | Yello | w Orange/Bro | own, little silt, v | vet, mottled, ii | on staining | |
| 8 | | | | | | | | | | End | of Exploration | | | |
| 8 | | | | | - | | | | | Dild | OI EXPIGIATION | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | _ | | | | | | | |
| 12 | | | | | 1 | | | | | | | | | |
| 12 | | | | | + | | _ | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | - | | _ | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tra | ck-mounted Geop | robe Ri | ig | | | | SURFAC | E ELEVATION | ٧: | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | | | START I | DATE: | 10/23/200 | 7 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | I FRON | / 1: | NA | TO: | IA | END DA | TE: | 10/23/200 | 7 | |
| NOTES: | | | | | | | | | | | | | | |
| Depths 1 | nsuremen neasured applicab | from gr | | ı 6" intervals ırface | | | | | | | | | | |

| - | | | | E | ORING | LOC | - | | | | BORIN | G NUMBE | R: P15-A15 |
|-----------------|------------------------------------|----------|------|--------------------------|-----------|--------|-----------------|----------|---------------|------------------|-----------------|-------------|---------------|
| SHAW | ENV | ЛRO | NN | TENTAL & | ę. Pro | ECT: | US Army BRAC | 2005 | Site Investi | gation | JOB NUM | | 124976 |
| | | | | TURE | 1 | | | _ | | | CLIENT: | USACE | |
| | | | | | Loc. | ATION: | Charles Woods A | rea, I | FIMM, NJ | | <u> </u> | | |
| | | | | | CON | TRACTO | OR: TVS | | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | | FIELD RE | P: R.McCorn | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DA' | TE 10/23/ | '07' | | | |
| HAMM | ER WEI | | | NA | | | | Gro | undwater D | epth (feet): | | 7.5' | |
| HAM | MER FA | | (DIE | NA | | | | <u> </u> | | | | | - |
| DEPTH (feet) | No. | DEP | TH | REC | USC S | ymbol | | DE: | SCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | | | | 100% | SM | /GP | | 0-1 | ' Silt and Sa | and, Brown, tra | ce gravel | | |
| 1 | A15-A | 0-0 | .5' | | S | P | | | 1-4' San | d, Orange Brow | vn | | 0.0 |
| 2 | A15-B | 1.5- | 2.0' | | - | | | | | | | | 0.0 |
| 3 | - | | | | | | 1 | | | | | | |
| | | | | | | | | | | | | | |
| 4 | | | | 100% | s | P | 4 | -6' Sa | and, Yellow | /Dark Grey, litt | le silt, moist | | 0.0 |
| 5 | | | | | ļ . | | | | | | | | |
| | | | | | | | ا | | | | | | |
| 6 | + | | | | S | P | ł ° | -8' S | and, Yellow | /Olive Green, l | ittle silt, wet | | |
| 7 | A15-C | 7-7 | · 51 | | <u> </u> | | | | | | | | |
| 8 | A13-C | /-/ | .5 | | | | | | End | of Exploration | | | |
| 8 | - | | | | | | 1 | | | | | | |
| 9 | 1 | | | | | | 1 | | | | | | |
| 10 | ļ · | | | | | | 1 | | | | | | |
| 11 | ├ | | | | | | | | | | | | |
| 12 | | | | | | |] | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | - | | | | - | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | | | | | |] | | | | | | |
| 15 | + | | | | | | 1 | | | | | | |
| 16 | 1 | | | | | | 1 | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START | DATE: | 10/23/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | N/ | A TO: NA | | END DA | TE: | 10/23/2007 | 7 | |
| NOTES: | | | | | | | | | | | 1 | <u> </u> | · |
| Depths | asuremen measured t applicab | l from g | | n 6" intervals urface | | | | | , | | | | |

| | | | | <u> </u> | В | ORING | LOG | · | | | - | BOF | RING | 3 NUM | | |
|-----------------|------------------------------------|---------|------------|----------------|------------|--------------|----------|------------------------------|----------|--------------|------------------|---------------|--------|-------|--------------------|-----------------------|
| SHAW | / ENV | | | | | PROJEC | | US Army BRAC Charles Woods A | | | igation | JOB 1 | | BER: | 12 | 5- A16 4976 |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRIL FIELI | | Frank | Accorsi Cormick | |
| | | | | SAMPLE | | CASING | С | ORE BARREL | | | | OF GRO | UND | WATER | | |
| | TYPE ZE (ID) | | Geop | robe Mac 2" | roCore | | - | | DAT | E 10/23/ | /07' | i—— | | | | |
| НАММ | ER WEI | | | NA NA | | | | | Grou | ndwater D | epth (feet): | | | 6.0' | | |
| HAM | MER FAI | | [| NA | | | <u> </u> | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | R | EC | USC Syn | ıbol | • | DES | CRIPTIO | N OF MATE | UALS | | | | PID ppm |
| 0 | | | | 10 | 00% | SM/G | Ρ | | 0-1' | Sand and S | Silt, Brown, tra | ce gravel | | | T- | |
| 1 | A16-A | 0-0. | .5' | | | ML | | | | 1-2' Sand | y Silt, Dark Br | own | | | | 0.0 |
| 2 | A16-B | 1.5-2 | 2.0' | | | CL | | | 2-3.5' (| Clay, Tan/ | Orange Brown | , little sand | i | | - | 0.0 |
| 3 | | | | | | SM | | 3.5-4' \$ | and w | ith silt. Ol | ive Yellow/Da | k Orange. | mottl | ed | F | |
| 4 | | | | | | | | | | | | | | | | |
| 4 | | | | 10 | 00% | SP | | 4-8' 5 | and, Y | ellow Ora | ange/Olive Gre | en, little si | lt, we | | Ŀ | 0.0 |
| 5 | | | | | | | | | | | | | | | F | |
| 6 | A16-C | 5.5-6 | 5.0' | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | ŀ | |
| 8 | | | | | | | | | | End | of Exploration | | | | - | |
| 8 | | | | | | | | | | | | | | | - | |
| 9 | 1 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | F | |
| 11 | | | | | | | | | | | | | | | þ | |
| 12 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | <u> </u> | |
| 13 | <u> </u> | | | | | | | | | | | | | | | |
| 14 | | | | | | | \neg | | | | | | | | F | |
| 15 | | | | | | | | | | | | | | | F | |
| 16 | | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tro | ick-moun | ited Geopr | obe Rig | | | | SURFAC | CE ELEVATIO | N: | | | | |
| TEMPORA | | | | | N | | | | | START | | 10/23 | | | | |
| RISER FRO |)M: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | | END DA | TE: | 10/23/ | /2007 | | | |
| Depths a | asuremen measured t applicab | from gr | | | vals | | Y | | | | | | | | | |

| | | | | I | BORING | LOC | } | | | BÖRING NUM | BER: P15-A17 |
|------------------|------------------------------------|---------|------|--------------------------|--------------|-------------|------------------|------------------|--------------------------------------|------------------|-----------------|
| SHAW | ENV | VIRO | NN | ŒNTAL (| & PROJ | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMBER: | 124976 |
| Ir | VFRA | STR | UC | TURE | LOCA | TION: | Charles Woods As | rea, FTMM, NJ | | CLIENT: USACE | • |
| | | | | | - 1 | | | | | DRILLER: Frank | Accorsi |
| | | | | | CONT | TRACTO | OR: TVS | | | FIELD REP: R.McC | ormick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geor | robe MacroCore 2" | | + | | DATE 10/23 | /07' | | |
| HAMM | ER WEIG MER FAI | | | NA NA | | 1 | | Groundwater I | Depth (feet): | 6.0' | |
| HAM | VIER FAI | | IPLE | - NA | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC S | | | | ON OF MATER | | PID ppm |
| 0 | A17-A | 0-0. | .5' | 100% | Si | <u> </u> | | 0-1' Silt ar | id Sand, Brown, | coal | 0.0 |
| 1 | | | | | S | P | 1 | l' Sand, Yellow | Olive Green, lit | tle silt, moist | |
| 2 | A17-B | 1.5-2 | 2.0' | | - | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | - | | | | | | | | | | |
| 4 | | | | 100% | C | L | 4 | -5.5' Clay, Oliv | e Yellow, little | sand, moist | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | A17-C | 5.5-6 | 5.0' | | SI | | 5.5-6 | | , Orange Brown, y Silt, Dark Gree | | |
| | | | | | Si | | | | vith silt, Yellow | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | + | | | End | of Exploration | | |
| | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | - | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 12 | - | | | | _ | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 16 | DIG ==== | L | | | , <u>-</u> - | | | | OF DI D | | |
| DRILLING | | | | uck-mounted Geo - | | | | | CE ELEVATIO | | |
| TEMPORA | | | | | No NEDOM: | X7 - | TO: 314 | START | | 10/23/2007 | |
| RISER FRO | лvı; ——— | NA | TO: | NA SCREE | rkum; | NA | TO: NA | END DA | 11E: | 10/23/2007 | |
| PID me Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | | В | ORING I | LOG | | | | | BORIN | G NUMB | BER: P15-A18 |
|-------------|--------------------------------------|--------|------------|-------------------|---------------|----------------|----------|--------------|---------|--------------|--------------------|---------------------|---------------|-----------------|
| SHAW | V ENV | | | | | PROJE LOCAT | | US Army BRAC | | | gation | JOB NUM CLIENT: | BER: USACE | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER FIELD RE | : Frank A | |
| | | | | | - | | - | | _ | | | | | |
| | TYPE | | | AMPLE robe Mad | | CASING | | ORE BARREL | DAT | E 10/23/ | | OF GROUND | WATER | |
| | ZE (ID) ER WEIC | ur | | 2" NA | | | <u> </u> | | Grov | ndwater D | epth (feet): | - | 6.0' | |
| | MER FAL | | | NA | | - | | | 0.00 | ind indicate | opin (reet). | | | |
| DEPTH | No. | SAM | IPLE TH | | EC | USC Syr | nhol | | DES | CRIPTIO | N OF MATER | RIALS | | PID |
| (feet) | 110. | | | | | <u> </u> | 1.001 | | | | | | | ppm |
| 0 | A18-A | 0-0 | .5' | 10 | 00% | SM | | * | | 0-1. SH | and Sand, Brov | vn | | 0.0 |
| _ 1 | | | | | | SP | | | 1 | -3' Sand w | vith silt, Olive I | Brown | | |
| 2 | A18-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | CL | | | 3-4' C | lav. Yello | w/Olive Green, | little sand | | |
| | | | | - | | | | | | ,,, . | , 0 0, | | | |
| 4 4 | | | | 1 | 00% | CL | | | -6' Cla | y, Yellow/ | Olive Green, li | ttle sand, wet | | 0.0 |
| | | | | - | | - | | | | • | | | | |
| 5 | + - | | | | | | | | | | | | | |
| 6 | A18-C | 5.5- | 6.0' | | | SP | | 6 | -7' San | d, Dark Gr | een/Dark Grey, | little silt, wet | | |
| 7 | 1 | | | | | SP | | | 7-8' | Sand, Yell | ow Orange, litt | le silt, wet | | |
| 8 | _ | | | | _ | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | <u> </u> | OI Exploration | | | |
| 9 | + | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | | | -1 |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | _ | | | | |
| 12 | - | | | | | - | | | | | | | | <u> </u> |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | _ | | | | | | | | ļ |
| | | | | | | | | | | | | | | |
| 16 | | L | | | | | | l | Т | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mou | nted Geopi | robe Rig | | | | | CE ELEVATIO | | | |
| TEMPORA | ARY WEL | L INST | ALLEI | D: | 1 | No | | | | START | DATE: | 10/23/2001 | 7 | |
| RISER FR | OM: | NA | TO: | NA | SCREEN | FROM: | NA | 1 TO: N | 1 | END DA | ATE: | 10/23/200 | 7 | |
| NOTES: | | | | | | | • | | | | - | | | |
| Depths | easuremen measured ot applicab | from g | | | vals | | | | | | | | | |

| | | | | | OR | ING 1 | LOC | } | | | | | BORING | G NUMBE | R: P15-B1 |
|-------------------------------|--------------|----------|-------|--------------------------|----------|--------|------|------------|--------|------------------|----------------|-----------|------------------|-------------|--------------|
| SHAW | EN | VIRO | NN. | MENTAL & | e j | PROJE | CT: | US Army B | RAC 2 | 2005 Site Inves | tigation | | JOB NUM | BER: | 124976 |
| | | | | TURE | - 1 | | | | | | | | CLIENT: | USACE | |
| | | | | | | LOCAT | ION: | Charles Wo | ods Ar | ea, FTMM, NJ | I | | | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | | DRILLER | Frank Acc | orsi |
| | | | | | | | | | | | | | FIELD RE | P: R.McCorn | nick |
| | ГҮРЕ | | | SAMPLER | CAS | SING | | ORE BARRE | L | D. T. 10.00 | | ЕРТН (| OF GROUND | WATER | |
| SIZ | ZE (ID) | | Geor | probe MacroCore 2" | | | | | | DATE 10/2 | //0 <i>/</i> - | | | | |
| HAMM | MER FA | | | NA NA | | | | | | Groundwater I | Depth (fe | et): | | 10.0' | |
| IIMI | IERTA | | IPLE | NA | | | | | | | ! | | | | |
| DEPTH (feet) | No. | DEP | | REC | U | SC Syn | ibol | | | DESCRIPTIO | ON OF M | IATERI | ALS _, | | PID ppm |
| 0 | | | | 100% | | SP/GF | | | | | -0.5' Aspl | | | | |
| 1 | B1-A | 0.5- | 1.0' | | | 51/01 | | | | 0.5-1.5' S | and with | Gravei, | ıan | | 0.0 |
| 2 | B1-B | 1.5-2 | יחי | | \perp | CL/SF | | | | 1.5-3' Silty Cl | ay, Dark | Green, li | ttle sand | | |
| | Б1-Б | 1.3- | 2.0 | | | | | | | | | | | | 0,0 |
| 3 | | | | | <u> </u> | SM | | | | 3-4' Sand w | ith silt, Y | ellow O | range | | |
| 4 | | - | | | _ | | | | | | | | | | <u> </u> |
| 4 | | | | 100% | | SM | | | | 4-6.5' Sand | with silt, | Olive B | rown | | 0,0 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | - | | | | | | | | | | |
| 0 | | | | | _ | SM | | | | 6.5-7' Sand wit | h silt, Ye | llow Oli | ve Green | | <u> </u> |
| 7 | | - | | | | ML | | | | 7-8' Sandy | Silt, Yel | llow Ora | nge | | |
| 8 | | | | | 士 | | | | | | | | | | |
| 8 | <u> </u> | <u> </u> | | | | SM | | | 8- | -9' Sand and Si | lt, Olive/ | Light Gr | ey Orange | | 0.0 |
| 9 | | | | | | ML | | | 9-1 | 1.5' Silt, Light | Orange, I | ittle san | d, trace clay | | |
| 10 | B1-C | 9.5-1 | 0.0' | | - | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | | | |
| 11 | | | | <u> </u> | + | OL | | | | 11.5-12' S | ilt and ore | anics P | tlack | | ļ |
| 12 | | | - | | 1 | | | | | | of Explo | | | | |
| 12 | <u> </u> | | | | - | | | | | | | | | | <u> </u> |
| 13 | | | | | | | | | | | | | | • | |
| 14 | | | | - | + | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 15 | | | | | + | | | | | | | | | | |
| 16 | | | | | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe R | ig | | | | SURFA | CE ELEV | 'ATION | : | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | No | | | | | START | DATE: | | 10/27/2007 | | , |
| RISER FRO | M: | NA | TO: | NA SCREEN | N FROM | M: | NA | TO: | NA | END D | ATE: | | 10/27/2007 | | |
| NOTES: | | | | | | | | | | <u> </u> | | | | | |
| PID mea Depths n NA≔not | neasured | from gr | | n 6" intervals urface | | | | | | - | | | | | |

| | `. | _ | | В | ORING | LOG | } | | | BORING | G NUMBI | ER: P15-B2 |
|----------------------|------------------------------------|-----------|--------------|--------------------------|---------------|----------|--------------|----------|--|------------------|---------------|---------------|
| | | | | ENTAL & | PROJE | | US Army BRAC | | | JOB NUM | BER: USACE | 124976 |
| | • • | | | | CONT | ACTO | ND. TUE | | | DRILLER: | : Frank Ac | corsi |
| | | | | | CONTI | CACIC | OR: TVS | | | FIELD RE | P: R.McCon | mick |
| | | | | SAMPLER | CASING | C | ORE BARREL | D. 1.77 | DEPTH 10/27/07' | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | | | |
| | ER WEIG | | | NA NA | | | | Groundw | vater Depth (feet): | | 8.0' | |
| , HAIMI | MILK I'A. | | IPLE | 14/4 | | <u> </u> | | | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syr | nbol | | DESCRI | PTION OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM/C | P | | 0-1' San | d and Silt, Brown, trac | e gravel | | 0.0 |
| 1 | B2-A | 0-0. | .5' | | SM | | | 1- | -2.5' Sand with silt, Ta | ın | | 0.0 |
| 2 | В2-В | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | SM | | | 3-4' Sa | 2.5-3' slag and with silt, Yellow (| Orange | | |
| 4 | - | ļ | | | | | | | | | | - |
| 4 | | | | 100% | SM | | • • • | 4-8' S | and with silt, Yellow (| Orange | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | - | | | | | | | | |
| | B2-C | 7.5 | | | | | | | End of Exploration | | | |
| 8 . | B2-C | 7.5- | 5.0 | | | | _ | | End of Exploration | - | | |
| 9 | | | | | | | | | | | | |
| 10 | | - | | | - | | | | | | | |
| 11 | | - | | | | | * | | | | | |
| | - | | | | | | | | | | | |
| 12 | | | | _ | | | | | | | | |
| 13 | <u> </u> | | | | | | | | | | | |
| 14 : | | | , | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | <u> </u> | | | | | | | |
| 16 | PIC TY | DE. | т. | ude mounted C | nrohe Pin | | l | C1 | DEACE ELEVATIO | N)• | | |
| DRILLING | | | | ick-mounted Geop | | | | | RFACE ELEVATIO | N: 10/27/2007 | | |
| TEMPORA RISER FRO | | NA NA | ALLEI TO: | D: NA SCREE | No N FROM: | NΔ | TO: NA | - 1 | ART DATE: ND DATE: | 10/27/2007 | | |
| NOTES: | | 4111 | | SCREE | | 147 | | | | 10.2772007 | | |
| PID me Depths | asuremer measured t applicat | i from gr | | 1 6" intervals urface | | | | | | | | |

| | | | | F | BORING | LOC | . | • | | BORING NUMBE | R: P15-B3 |
|-------------------------------|--|---------|----------|--------------------------|-----------|---------|-----------------|------------------|--------------------|---------------------|---------------------------------------|
| CHAW | ENIX | льс | NRTN/ | IENTAL & | o_ PROJ | ĒCT: | US Army BRAC | 2005 Site Invest | tigation | | 124976 |
| | | | | UENTAL (TURE | × | | | | | CLIENT: USACE | ` |
| II. | TI'INA | 1911V | UC | IUKE | LOCA | TION: | Charles Woods A | ea, FTMM, NJ | | - | |
| | | | | | CONT | D A СТС | OR: TVS | | | DRILLER: Frank Acco | rsi |
| | | | | | CONI | RACT(| JK: 1V5 | | | FIELD REP: R.McCorm | ick |
| | - | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/27 | 7/07' | | • |
| HAMMI | ER WEIG | | | NA | - | | | Groundwater I | Depth (feet): | 8.0' | |
| HAMN | MER FAI | | IPLE | NA | | | | L | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTION | ON OF MATER | IALS | PID ppm |
| 0 | | | | 100% | SM/ | GP | | 0-1' Sand and | Silt, Brown, trac | e gravel | , |
| 1 | B3-A | 0-0. | .5' | | SN | 1 | | 1-3' Sand | with silt, Dark Bi | rown | 0.0 |
| 2 | В3-В | 1.5-2 | 2.0' | | | | | | | • | 0.0 |
| 3 | | | \dashv | | SI | , | | 3_4' Sand V | ellow Orange, li | , tle silt | - |
| | | | | 1 | | | | 5-4 June, 1 | chow Change, in | ile sin | |
| 4 | | | | 100% | SI | • | | 4-8' Sand, Yel | low Orange, little | e silt, wet | 0.0 |
| | | | | | | | | · | | • | |
| 5 | | | | | | | | | * | | |
| 6 | | | | | | | | | | , | |
| 7 | | | | | | | | | | | |
| 8 | B3-C | 7.5-8 | 3.0' | | - | | | End | of Exploration | | <u> </u> |
| 8 | | | _ | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | · | |
| 11 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 12 | | | | | | | | | | | 1 |
| 13 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 14 | | | | | | | | | | • | i |
| 15 | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| 16 | | | | | | | | | | | <u></u> |
| DRILLING | RIG TY | PE: | Tn | ack-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | V : | |
| TEMPORA | RY WEL | L INST | ALLEI | O: | No | | | START | DATE: | 10/27/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 10/27/2007 | |
| NOTES: | | - | | | | | | | | | · |
| PID mez Depths r NA=not | neasured | from gr | | a 6" intervals urface | • | | | | | | |

| • | | | | I | BORING | LOG | } | | BORING NUMBE | |
|-----------------|------------------------|------------|---------|-----------------|--------------|------|------------------|---------------------------------|----------------------|------------------|
| • • | | | | | PROJE | СТ• | IIS Army BRAC | 2005 Site Investigation | JOB NUMBER: | P15-B4 124976 |
| SHAW | EN | /IRC |)NM | TENTAL (| & I'KOJE | CI. | OS Allily BRAC | 2005 Site Investigation | | 124970 |
| I | NFRA | STR | UC | TURE | LOCAT | TON: | Charles Woods A | rea FTMM NI | CLIENT: USACE | |
| | | | | | Local, | | Charles Woods 11 | , 1 111111, 110 | <u></u> | |
| | | | | | CONT | ACTO | R: TVS | | DRILLER: Frank Acco | orsi |
| | | | | | | | | | FIELD REP: R.McCorm | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | перти | OF GROUNDWATER | |
| | TYPE | | Geop | robe MacroCore | CASING | | | DATE 10/27/07' | OF GROUNDWATER | |
| | ZE (ID) ER WÉIG | aur | | 2" NA | | • | | Groundwater Depth (feet): | 8.0' | |
| | MER FA | | | NA NA | - | | | Croundwater Depth (rect): | | |
| DEPTH | Ta ₁ | SAM DEP | IPLE | REC | USC Syr | | | DESCRIPTION OF MATER | TAT C | PID |
| DEPTH (feet) | No. | DEF | 111 | | | | | | | ppm |
| 0 | B4-A | 0-0 | 5' | 100% | SM/G | P | | 0-1' Sand and Silt, Brown, trac | e gravel | 0.0 |
| 1 | D-A | 0-0 | | | SM | | | 1-3.5' Sand with silt, Dark B | rown | |
| 2 | B4-B | 1.5-2 | 2.0' | | | | | | | 0.0 |
| | J - D | 1.5- | | | | | | | | |
| 3 | | | | _ | SM | | | 3.5-4' Sand and Silt, Tan/Br | rown | \vdash |
| 4 | | | | | | | | <u> </u> | | |
| 4 | | | | 100% | SM | - | | 4-6.5' Sand and Silt, Tan/B | own | 0.0 |
| 5. | | | | | | | | | | |
| 6 | 1 | | | | | | | | | |
| | | | • | | SP | | 6.5-8' | Sand, Orange Yellow/Olive Brow | vn, little silt, wet | |
| 7 | | <u> </u> | | | - | | | | | |
| 8 | В4-С | 7.5- | 8.0' | | | | | End of Exploration | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | - |
| 11 | - | ļ | | | | | | | | |
| | | | | | | | | | | |
| 12 | + | <u> </u> | | | | | | | | |
| | | | | | | | | | | |
| 13 | + | | | | | | | | | |
| 14 | <u> </u> | <u> </u> | | | | | , | | | |
| 15 | 1 | | | | | | | | | |
| 16 | | | | | | | | | | |
| • | יום אינ | DE. | т | uck-mounted Geo | nrohe Rig | | | SURFACE ELEVATION | ı. | |
| DRILLING | | | | | | | | i | | |
| TEMPORA | | | | | No | *** | mo | START DATE: | 10/27/2007 | |
| RISER FRO | JM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | 10/27/2007 | |
| NOTES: | | | _ | | | _ | | | | |
| | | | | n 6" intervals | | | | | | |
| | measured t applicab | | round s | urtace | | | | | | |
| | | | | | | | | | | |

| | | | | F | ORING | LO | 3 | | · | BORING | G NUMBE | R: P15-C1 |
|-------------------------------|----------------|----------|------|--------------------------|--------------|----------|-----------------|------------------|--------------------|---------------|-------------|--------------|
| SHAW | EN | VTRO | NN | TENTAL & | PRO. | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | 1 | | | From 43.4 3.14 | | CLIENT: | USACE | |
| | | | | | LOC. | ATION: | Charles Woods A | rea, FTMM, NJ | | | | |
| | | | | | CON | TRACT | OR: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | _ | _ | | | | | FIELD RE | P: K.Gerdes | |
| | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | + | | DATE 10/29 | 9/07' | - | | - |
| HAMM | ER WEI | | | NA | | | | Groundwater I | Depth (feet): | | 7.0' | |
| HAMI | MER FA | | IPLE | NA | | | 1 | l | | | L | |
| DEPTH (feet) | No. | DEP | | REC | USC S | ymbol | | DESCRIPTION | N OF MATERI | ALS | | PID ppm |
| 0 | C1-A | 0.5-1 | | 100% | - CM | /CD | , | | -0.5' topsoil | linta annual | | |
| 1 | CI-A | 0.5-7 | 1.0 | | Sivi | /GP | | 5-4 Sand With S | ilt, Light Brown, | iittie gravei | | 0.0 |
| 2 | C1-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | - | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | S | P | _ | 4-8' Sand, 1 | Light Brown, littl | e silt | | 0.0 |
| 5 | | | | | | | 1 | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | į | | • | | | | | | |
| 7 | C2-C | 6.5-7 | 7.0' | | - | | | | wet | | | |
| 8 | | | | | | | | End | of Exploration | • | | |
| 8 | | | | | | | - | | , | | | - |
| 9 | | | | | | | | | | | | |
| 10 | | - | | | | | - | | | | | |
| 11 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | - | | | | | | | - | | | | |
| | | | | | | | 1 | | | | | |
| 13 | | | | | + | _ | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | <u> </u> | <u> </u> | | | | <u>-</u> | - | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Τn | uck-mounted Geoj | probe Rig | | | SURFA | CE ELEVATION | ··· | | |
| TEMPORA | | | | | No | | | START | | 10/29/2007 | | |
| RISER FRO | | NA | то: | NA SCREE | | N. | A TO: NA | END DA | | 10/29/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mez Depths r NA≔not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BORING | LOG | ļ | | | BORING NUMB | ER: P15-C2 |
|-----------------|------------------------------------|----------|------|-----------------------------------|--------------|---------|------------|----------|---|---------------------------|---------------|
| | | | | IENTAL TURE | | | | | 05 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | TA' ANC | LO I I | | TOKE | LOCA | TION: | Charles Wo | ods Area | a, FTMM, NJ | DRILLER: Frank Ac | corsi |
| | | | | | CONT | RACTO | R: TVS | | | FIELD REP: R.McCon | ļ |
| | | | · · | SAMPLER | CASING | 7 | ORE BARRE | ,, T | DEDTH | OF GROUNDWATER | |
| | ГҮРЕ | | | robe MacroCore | | | | | ATE 10/27/07' | OF GROUNDWATER | |
| | ZE (ID) ER WEIG | 2UT | | 2" NA | ļ | - | | — - | roundwater Depth (feet): | 6.5' | |
| | MER FA | | | NA NA | | 1 | | | Houndwater Depth (reet). | 0.5 | |
| DEPTH | Isr. | | 1PLE | nec | T VICE C | | | | PECDINGION OF MATER | 141 6 | PID |
| DEPTH (feet) | No. | DEP | 111 | REC | USC S | ymboi | | | ESCRIPTION OF MATER | IALS | ppm |
| 0 | | | | 100% | SI | 1 | | | 0-0.5' Asphalt 0.5-3.5' Sand with silt, Yellow | Orange | 0.0 |
| 1 | C2-A | 0.5- | 1.0' | | | - | | | , | | |
| 2 | C2-B | 1.5-2 | 2.0' | | - | | | | | | 0.0 |
| 3 | | | | | - | | | | | | |
| | | | | | S | P | | 3 | .5-4' Sand, Light Grey/Yellow | , little silt | |
| 4 4 | | | | 100% | Si | <u></u> | | - | 1-8' Sand, Light Grey/Yellow, | little silt | 0.0 |
| 5 | | | | | | - | | | | | |
| | | | | - · · · · · · · · · · · · · · · · | | | | | | | |
| 6 | C2-C | 6-6 | .5' | - | _ | | | | wet | | - |
| 7 | | | | | | | | | | | |
| 8 | | | | | | · ··· • | | | End of Exploration | | |
| 8 | ļ | | | | | | | | | | |
| 9 | ļ | | | | | | • | | | | |
| 10 | _ | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | _ | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | - | | | | | |
| 14 | | | | | | | | | | | |
| _ | | | | | | | | | | | |
| 15 | \vdash | <u> </u> | | | | | | | | | H |
| 16 | | | | | | | | | <u> </u> | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Ge | oprobe Rig | | | | SURFACE ELEVATIO | N : | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START DATE: | 10/27/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCRE | EN FROM: | NA | TO: | NA | END DATE: | 10/27/2007 | |
| NOTES: | | | | | | | | | <u> </u> | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | I | 30] | RING I | LOC | | | | | BORIN | G NUMBE | R: P15-C3 |
|---|---|----------|------|-----------------|-------------------------|---------|------|-----------------|-------------------|----------------|--------------------------------|-------------------|--------------|--------------|
| SHAW | EN | VIRC |)NN | TENTAL & | e. | PROJEC | CT: | US Army BRAC | 200: | 5 Site Investi | gation | JOB NUM | BER: | 124976 |
| | | | | TURE | • | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | : Frank Acco | orsi |
| | | | | | | COMIN | | | | | | FIELD RE | CP: R.McCorm | ick |
| 7 | T/DE | | | SAMPLER | С | ASING | _ | ORE BARREL | | 10/05 | | OF GROUNI | WATER | 1 |
| | YPE ZE (ID) | | Geop | robe MacroCore | | | | | DA. | ATE 10/27/ | | | | |
| HAMMI | | | 1 | NA NA | | | | <u>-</u> | Gre | oundwater D | epth (feet): | | 6.5' | |
| HAWIN | MER FA | | 1PLE | NA | | | | - | <u></u> | | | | <u> </u> | |
| (feet) | No. | DEP | | REC | I | USC Syn | ibol | | DE | | N OF MATER | IIALS | | PID ppm |
| | | <u> </u> | | 100% | | SP | | | ۸ | | 0.5' Asphalt 'ellow Orange, | little cilt | | 0.0 |
| 1 | C3-A_ | 0.5- | 1.0' | | \downarrow | | | | U. | sand, Y | enow Orange, | nae sut | | 0.0 |
| 2 | C3-B | 1.5-2 | 2.0' | | + | | | | | | | | | 0.0 |
| 3 | | | | | 1 | | | | | | | | | |
| 4 | | - | | | - | | | | | | | | | |
| 4 | | | | 100% | 1 | SP | | 4-6' S | and, | l, Light Grey | Green/Yellow | Orange, little si | 1t | 0.0 |
| 5 | | | | • | + | | | | | | | | | ļ |
| | | | | | # | | | | | | | | | |
| 6 | C3-C | 6-6 | .51 | | SP 6-8' Sand, Orange Ye | | | | ige Yellow, littl | e silt, wet | | <u> </u> | | |
| 7 | | | | | 1 | | | | | | | | | |
| 8 | | | | | \dashv | | | | | End | of Exploration | | | - |
| 8 | | | | | 1 | | | | | | | | | |
| 9 | <u> </u> | | | | + | | | | | | | | | - |
| 10 | | | | | 4 | | | | | | | | | |
| 10 | - | | | | + | | | | | | | | | |
| 11 | | | | | 4 | | | | | | | | | |
| 12 | | | | | 7 | | | | | | | | | |
| 12 | | | | | $-\Gamma$ | | | | | | | | | |
| 13 | | | | | \exists | | | | | | | | | |
| 14 | | - | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | | | + | | | | | | | | | |
| 16 | | | | | 士 | | | | | | | ··· | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | e Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORARY WELL INSTALLED: No START DATE: 10/27/2007 | | | | | | | | | | | | | | |
| RISER FRO | RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/27/2007 | | | | | | | | | | | | | |
| NOTES: | TES: | | | | | | | | | | | | - | |
| Depths r | S: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable | | | | | | | | | | | | | |

| | | | | E | ORIN | | BORING NUMBI | ER: P15-C4 | | | | | | |
|-----------------|---|---------|-----------|--------------------------|-----------|--------|---|---------------|--|------------------------------|------------|--|--|--|
| | | | | IENTAL & | & | DJECT: | | | Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 | | | |
| | | | | | | | | | | DRILLER: Frank Acc | corsi | | | |
| | | | | | Co | NTRACT | OR: TVS | | | FIELD REP: R.McCon | nick | | | |
| | | | | SAMPLER | CASIN | G | CORE BARREL | Π | | F GROUNDWATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA | TE 10/27/07' | | i | | | |
| HAMM | ER WEI | | | NA | | | | Gro | oundwater Depth (feet): | 6.5' | | | | |
| HAM | MER FAI | | l 1PLE | NA | | | | | | | 1 | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | | DE | SCRIPTION OF MATERI | ALS | PID ppm | | | |
| 0 | | | | 100% | | SP | -{ | n | 0-0.5' Asphalt 5-4' Sand, Yellow Orange, li | tle silt | 0.0 | | | |
| 1 | C4-A | 0.5-1 | 1.0' | · · · · · | | | - | • | o . Jane, renew etange, n | | | | | |
| 2 | C4-B | 1.5-2 | 2.0' | | | | | | | | 0.0 | | | |
| 3 | | | | | <u> </u> | | - | | | | - | | | |
| 4 | - | | | - | + | | - | | | | | | | |
| 4 | <u> </u> | | | 100% | | SP | - | 4 | 7.5' Sand, Orange Yellow, li | tle silt | 0.0 | | | |
| 5 | <u> </u> | | | | | | _ | | | | | | | |
| 6 | - | | _ | | <u>-</u> | | 1 | | wet | | | | | |
| 7 | C4-C | 6-6 | .5' | | | | - | | | | | | | |
| 8 | | | | | | SP | 7.5-8' Sand, Light Grey Green, little silt End of Exploration | | | | | | | |
| 8 | | | | | | | | | End of Exploration | | | | | |
| 9 | | | | | | | 1 | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| | | | | | | | _ | | | | | | | |
| 12 | | | | | | | - | | | | | | | |
| 12 | | - | | | | | | | | | | | | |
| 13 | | | | | | | - | | | | | | | |
| 14 | | | | | \perp | | _ | | | | | | | |
| 15 | - | | | | | | - | | | | | | | |
| 16 | | | | | | | - | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | orobe Rig | | | | SURFACE ELEVATION | : | | | | |
| TEMPORA | | | | • | No | | | | START DATE: | 10/27/2007 | | | | |
| RISER FRO | RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/27/2007 | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths i | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | E | BORING | LOC | } | | | BORIN | G NUMBE | R: P15-D1 | | |
|-------------------------------|----------------|------------|---------------|--------------------------|----------------|------|--|---------------|---------------------|-----------------|---------------|--------------|--|--|
| SHAW | ENV | /IRO | NM | ENTAL & | & PROJE | CT: | US Army BRAC | 005 Site Inv | vestigation | JŌB NUM | BER: | 124976 | | |
| IN | FRA | STR | UC | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, | NJ | CLIENT: | USACE | | | |
| | | | | | İ | | | | | DRILLER | : Frank Acc | orsi | | |
| | | | | | CONTI | ACTO | OR: TVS | | | FIELD RI | EP: K. Gerdes | | | |
| | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUN | OWATER | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10 | 0/29/07' | | - | | | |
| HAMMI | R WEI | | | NA NA | | | | Groundwate | er Depth (feet): | - | 7.5' | + | | |
| HAMN | IER FA | | | NA _ | | | | | | | | | | |
| DEPTH (feet) | No. | SAM DEP | | REC | USC Syr | nbol | | DESCRIPT | TION OF MATE | UALS | | PID ppm | | |
| 0 | | | | 100% | SP | | | 0-1.5' San | d with gravel, Darl | Brown | | | | |
| 1 | D1-A | 0-0. | 2. | | + | | | | | | | 0.0 | | |
| | | | | | SP | | 1 | .5-4' Sand, l | Light Brown/Orang | ge, little silt | | | | |
| 2 | D1-B | 1.5-2 | .0' | | | | 1 | | | | | 0.0 | | |
| 3 | | | | | | _ | 1 | | | | | | | |
| 4 | | | | | | | ł | | | | | | | |
| 4 | | | | 100% | SP | | | 4-8 | Sand, Light Brow | 'n | | 0.0 | | |
| 5 | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | _ | | ł | | | | | ļi | | |
| 7 | | | | | - | | | | | | | | | |
| 8 | D1-C | 7-7. | 5' | | | | | - | End of Exploration | | | | | |
| 8 | | | | | - | | Dia of Exploration | | | | | | | |
| | | | | | | | 1 | | | | | | | |
| 9 | | | | | | | 1 | | | | | | | |
| 10 | | | | - | | |] | | | | | | | |
| 11 | | | _ | | | | 1 | | | | | <u> </u> | | |
| | | | | | | |] | | | | | | | |
| 12 | | | | | | | | - | ••• | | | + | | |
| | | | | | | |] | | | | | | | |
| 13 | | | | | | | 1 | | | | | | | |
| 14 | | | | _ | | | } | | | | | | | |
| 15 | <u> </u> | | | | | | 1 | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 16 | | | _ | uck-mounted Geo | 1 | | <u>. </u> | 1 | | | | -1 | | |
| DRILLING | | | FACE ELEVATIO | | | | | | | | | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | STAI | RT DATE: | 10/29/200 | 7 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N/ | A TO: NA | END | DATE: | 10/29/2007 | | _ | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | - | <u> </u> | BORING | LOG | } | | | BORING | G NUMB | ER: P15-D2 |
|-----------------|------------------------------------|---------|--------------|---------------------------|-----------|-------|--------------|------------------------|---------------------------------|--------------------|-------------|---------------|
| | | | | TURE | & PROJE | | US Army BRAC | | igation | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | CONT | RACTO | DR: TVS | | | DRILLER: | | |
| | | | | | | | | <u> </u> | | FIELD RE | P: K. Gerde | S |
| | TYPE | | | SAMPLER robe MacroCore | CASING | - | ORE BARREL | DATE 10/29 | | OF GROUND | WATER | |
| SI | ZE (ID) | | Geor | 2" | | | | | | | | |
| | ER WEIG | | | NA NA | | ├- | | Groundwater D | Depth (feet): | | 8.5' | <u> </u> |
| | | SAM | IPLE | | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC Syr | mbol | | | ON OF MATE | RIALS | | PID ppm |
| 0 | D2-A | 0.5-1 | 0' | 100% | SP | | 0.5- | 0- 4' Sand, Light B | 0.5' Asphalt rown/Orange, li | ittle gravel;clay | | 0.0 |
| 2 | D2-A | 1.5-2 | | _ | - | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SP | | | 4-8' Sa | and, Light Brow | /n | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | - | | | | _ | | | | | | | |
| | D2-C | - 00 | | | | | | P., 4 | of Exploration | | | |
| 8 | D2-C | 8-8. | .5" | | | | | | ~ | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | 1 | | | | | | | | | | | |
| 13 | 1 | | | | | | | | | | | |
| 14 | 1 | | | | | | | | | | | |
| 15 | | | | - | | | | | | | | |
| 16 | | | | | | | | - | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 10/29/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 10/29/2007 | | |
| OTES: | | | | - | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | I | | BORING NUMBER: P15-D3 | | | | | | | |
|---|---|----------------|------------|----------------------|-----------|--------------------------|-----------------|-----------------|-----------------|----------------|--------------|--|--|
| | | | | TURE | & | OJECT: | US Army BRAC | | igation | JOB NUM | BER: | 124976 | |
| | 12 24. | | | 10102 | LO | CATION: | Charles Woods A | rea, FTMM, NJ | | | | | |
| | | | | | co | NTRACT | OR: TVS | | | DRILLER | : Frank Acc | orsi | |
| | | | | | | | | | | FIELD RE | P: K. Gerdes | _ | |
| | | | | SAMPLER | CASIN | G | CORE BARREL | | | OF GROUND | WATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/29 | /07' | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 8.5' | | |
| HAMN | MER FA | | IPLE | NA | | | | L | | | | - | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | <u></u> | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | |
| - 0 | | | | 100% | | CD. | - 05 | | 0.5' Asphalt | wlll | | | |
| 1 | D3-A | 0.5-1 | .0' | | | SP | - | , sand, Light B | rown/Orange, li | ne graver;ciay | | 0.0 | |
| 2 | D2 P | | | | | | - | Ť | | | | 0.0 | |
| | D3-B | 1.5-2 | 2.0 | | | | - | | | | | 0.0 | |
| 3 | | | | | | |] | | | | | | |
| 4 | | | | | | | -{ | | | | | | |
| 4 | | | | 100% | | SP | | 4-8' Sa | and, Light Brow | n | | 0.0 | |
| 5 | ļ i | | | | | • | - | | | | | <u> </u> | |
| | | | | | | | | | | | | | |
| 6 | 1 | | | | | | 4 | | | | | ļ | |
| 7 | † | | | | | - | 1 | | | | | <u> </u> | |
| | D2.0 | | <i>C</i> 1 | | | |] | F-1 | 6 P . 1 | | | | |
| 8 | D3-C | 8-8 | .5. | | + | | | Eno | of Exploration | | | | |
| | <u> </u> | | | | | | 1 | | | | | | |
| 9 | - | | | | | | - | | | | | | |
| 10 | | | | | | |] | | | | | | |
| 11 | ł | | | | - | | - | | | | | - | |
| | | | | | | |] | | | | | | |
| 12 12 | | - | | | | | - | | | | | | |
| 14 | | | | | | | <u> </u> | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | \vdash | | | | | - | | | | | ļ | |
| | <u> </u> | ļ | | | | |] | | | | | | |
| 15 | 1 | - | | | | | - | | | | | | |
| 16 | | | | | | | 1 | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORARY WELL INSTALLED: No START DATE: 10/29/2007 | | | | | | | | | | | | | |
| | RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/29/2007 | | | | | | | | | | | | |
| NOTES: | OTES: | | | | | | | | | | | | |
| PID mea | asuremer | nts were | taken i | n 6" intervals | | | | | | | | | |
| | | i from gr | ound s | urface | | | | | | | | | |
| NA=not | applicat |)IC | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| | | | | | BO | RING I | LOG | } | | | BORING NUMBE | CR: P15-E1 |
|-----------------|--------------------|--------|------------|--------------------------|----------|----------------------------|------|-------------|---------|--------------------------------------|----------------------|---------------|
| SHAW | FNV | /TD/ |) NIV | IENTAI | Q, | PROJEC | CT: | US Army BR | AC 20 | 05 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woo | ds Area | L FTMM. NJ | CLIENT: USACE | |
| | | | | | | | | | | ,, | DRILLER: Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP: K. Gerdes | |
| | | | Ι, | SAMPLER | T c | ASING | C | ORE BARREL | . 1 | DEPTH O | F GROUNDWATER | |
| | TYPE | | | robe MacroCo | | | | | | ATE 10/29/07' | | 1 |
| HAMM | ZE (ID) ER WEIG | GHT_ | - | 2" NA | | | | | | roundwater Depth (feet): | 6.0' | |
| HAM | MER FA | | | NA | | | | | \Box | | | |
| DEPTH (feet) | No. | | MPLE TH | REC | | USC Sym | bol | | D | ESCRIPTION OF MATERIA | LS | PID ppm |
| 0 | | | | 100% | | ML | | | ^ | 0-0.5' Asphalt | dl | 0.0 |
| 1 | E1-A | 0.5- | 1.0' | | | , IVIL | | | 0. | 5-1.5' Silt, Brown, little sand, lit | ne ciay | 0.0 |
| 2 | E1-B | 1.5- | 2 0' | | | SP | | | 1.5 | -4' Sand, Light Brown/Orange, I | ittle clay | 0.0 |
| | | | | • | | | | | | | | |
| 3 | <u> </u> | - | | | <u>_</u> | | | | | | | |
| 4 | | | | 100% | | SP 4-8' Sand, Light Brown, | | | | | cilt | 0.0 |
| | | | | 10076 | | Sr | | | | 4-6 Sand, Light Blown, Ittle | siit | 0.0 |
| | | | | | | | | | | | | |
| 6 | E1-C | 5.5- | 6.0' | | | | | | | wet | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
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| 13 | - | | | | -+ | | | | | | | |
| 14 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | I | | | | | | | | | 1 | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted C | ieoprob | e Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | | | START DATE: | 10/29/2007 | |
| RISER FRO | M: | NA | TO: | NA SCR | EEN FR | ROM: | NA | TO: | NA | END DATE: 10/ | 29/2007 | |
| NOTES: | | | | | | | | | | <u> </u> | | |
| | neasured | from g | | n 6" intervals urface | | | | | | | | |

| | | | | | ВС | ORING | LOG | | | | BORIN | G NUMBE | R: P15-E2 |
|-------------------------------|--------------------|---------|-------|--|-------------|--|-------|-----------------|--|-----------------------------------|------------------|--------------|--|
| SHAW | EN | JTR(|)NN | ÆNT | | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TUR | | | | | | | CLIENT: | USACE | |
| | | | | | | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | | | | |
| | | | | | | CONTI | RACTO | OR: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| - | CANDE | | | SAMPLE | | CASING | _ c | ORE BARREL | 2.500 | | OF GROUNI | WATER | |
| SIZ | TYPE ZE (ID) | | Geop | orobe Mac 2" | rocore | | | | DATE 10/29 | /07' | | | |
| HAMMI HAMN | ER WEIC MER FAI | | | NA NA | | _ | | | Groundwater D | epth (feet): | | 6.5' | |
| 77747 | ALK I A | | IPLE | IVA | | | ٠- ا | | <u>. </u> | | | <u> </u> | 1 |
| (feet) | No. | DEP | ТН | | EC | USC Syr | nbol | | DESCRIPTIO | | IIALS | | PID ppm |
| 0 | | | | 6 | 50% | sw | | : | | 0.5' Asphalt vith gravel, Ligl | nt Brown | | 0.0 |
| 1 | E2-A | 0.5- | 1.0' | | | SP | | | | | | | |
| 2 | Е2-В | 1.5-2 | 2.0' | | | 31 | | | 1.5-4 | ' Sand, Brown | • | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | - | | | | | | | |
| 4 | | | | 7 | 15% | SM/G | P | 4-5' | Sand with silt, Br | rown/Orange, so | ome gravel, clay | у | 0.0 |
| 5 | | | | | | SP | | | 5-6 | .5' Sand, Tan | | | |
| 6 | | | | | | | | | | | | | |
| 7 | E2-C | 6-6 | .5' | | | SP 6.5-8 Sand, Orar wet | | | | | wn | | |
| | | | | | | | | | wet | | | <u> </u> | |
| 8 | | | | | | 1 | - | | End | of Exploration | | | |
| 9 | | _ | | | | | | | | | | | |
| | | Ī., | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | • | - |
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| 12 | | _ | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | 1 | | |
| 15 | | | | | | | | | | | • | | |
| 16 | } | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Trı | uck-moun | nted Geopro | be Rig | | | SURFAC | CE ELEVATION | N: | | 1 |
| TEMPORAL | RY WEL | L INST | ALLEI | D: | N | 0 | | | START I | | 10/29/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN I | FROM: | NA | TO: NA | END DA | TE: 1 | 0/29/2007 | | |
| NOTES: | | - | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" interv urface | /als | | | | | | | | |

| | | | | <u> </u> | BORING NUMBER: P15-F1 | | | | | | | | | |
|---|---|----------|-------|----------------------|-----------------------|----------|---|---------|-------------------------------|----------------|-------------|------------|--|--|
| | | | | | PROJEC | CT: | US Army BRAC | 2005 : | Site Investigation | JOB NUM | BER: | 124976 | | |
| | | | | TENTAL & | & | | , | | B | 1 | | .2.5,0 | | |
| I | VFRA | STR | RUC | TURE | LOCAT | ION: | Charles Woods Ar | rea, F | TMM, NJ | CLIENT: | USACE | | | |
| | | | | | | | | | | DRILLER | : Frank Acc | orsi | | |
| | | | | | CONTR | ACTO | R: TVS | | | | | | | |
| | | | | | ŀ | | | | | FIELD RE | P: R. McCor | mick | | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | F GROUND | WATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DAT | TE 10/26/07' | | | - | | |
| HAMM | ER WEI | | | NA NA | | | | Grou | undwater Depth (feet): | | 16.0' | | | |
| HAMI | MER FA | - | IPLE | NA | | 'г | | | | | i | · | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DES | SCRIPTION OF MATERIA | ALS | | PID ppm | | |
| 0 | | | | 100% | | | | | 0-0.5' Asphalt | | | | | |
| 1 | F1-A | 0.5- | 1.0' | | SP | | | 0.5 | i-4' Sand, Orange Yellow, lit | tle silt | | 0.0 | | |
| | | | | | | \Box | | | | | | | | |
| 2 | F1-B | 1,5-: | 4.U | | | | | | | | | 0.0 | | |
| 3 | — | | | | _ | — | | | | | | \vdash | | |
| 4 | | | | | | | | | 810 10 11 Po | | | | | |
| 4 | | | | 100% | SP | | | 4- | -7' Sand, Orange Yellow, litt | le silt | | 0,0 | | |
| . 5 | 1 | | | | _ | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | - | | | <u> </u> | SP | | 7 | '-8' Sa | and, Light Grey/Olive Green | , little silt | | | | |
| 8 | | | | | | | | | | | | | | |
| 8 | | | | 100% | SP | | 8-10.5' Sand, Light Grey/Olive Green, little silt 0.0 | | | | | | | |
| 9 | | | | | _ | \dashv | | | | | | | | |
| 10 . | | S. | | | | | | | | | | | | |
| | | | • | | SP | | 10.5 | -12' 5 | Sand, Light Grey/Orange, litt | le silt, moist | | | | |
| 11 | +- | | | | | \dashv | | | | | | | | |
| 12 12 | | | | | SP | - | 1' | 2-16' | Sand, Light Grey/Olive, littl | e silt wet | | 0.0 | | |
| | | | | | 51 | = | | 10 | oma, organ Grey/Onve, Inti | - Jiii, 1761 | | 5.0 | | |
| 13 | <u> </u> | | | | | = | | | | | | | | |
| 14 | | | | | | = | | | | | | | | |
| 15 | <u> </u> | | | | | \equiv | | | | | | | | |
| 16 | F1-C | 15.5- | 16.0' | | | | | | End of Exploration | | | | | |
| DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: | | | | | | | | | | | | | | |
| TEMPORARY WELL INSTALLED: No START DATE: 10/26/2007 | | | | | | | | | | | | | | |
| RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/26/2007 | | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | | | | |
| | PID measurements were taken in 6" intervals | | | | | | | | | | | | | |
| Depths : | measured | from gr | | | | | | | | | | | | |
| NA=not | applicab | ole | | | | | | | | | | | | |
| | _ | | | <u> </u> | | | | | | | | | | |

| | _ | | | | В | ORING 1 | LOG | OG BORING NUMBER: P15-F2 | | | | | | | | |
|---|----------------------------------|------------|------------|-----------------------|------------|--------------|----------|--------------------------|-------|-------------------------------|---------------------------------------|--------|--|--|--|--|
| SHAW | FNI | лос | NTR. | TENT'T | AT & | PROJE | CT: | US Army BRAC | 2005 | Site Investigation | JOB NÚMBER: | 124976 | | | | |
| | | | | TURI | | | | | | | CLIENT: USACE | | | | | |
| A 1. | W IV. | K) I I | | LOK | | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | | | | | | |
| | | | | | | CONTR | ACTO | n. TVC | | | DRILLER: Frank Acco | rsi | | | | |
| | | | | | | CONTR | ACIC | OR: TVS | | | FIELD REP: R. McCorn | iick | | | | |
| | | | , | SAMPLE | R | CASING | C | ORE BARREL | Т | DEPTH | OF GROUNDWATER | | | | | |
| | TYPE | | | robe Mac | | - | | | DΑ | TE 10/26/07' | | | | | | |
| HAMMI | ZE (ID) ER WEIG | 3HT | | 2" NA | | _ | - | | Gro | oundwater Depth (feet): | 6.0 | - | | | | |
| HAMN | MER FA | | | NA | | | Ĺ_, | | 上 | | | | | | | |
| DEPTH | No. | SAM DEP | IPLE TH | P | EC | USC Syn | tode | | DE | SCRIPTION OF MATER | TAT S | PID | | | | |
| (feet) | 1.0. | 0.51 | *** | | | <u> </u> | | | | | <u> </u> | ppm | | | | |
| | F2-A | 0-0. | 51 | 10 | 10% | SM/G\ | <u>~</u> | | 0-1 | l' Sand and Silt, Brown, trac | e gravel | 0.0 | | | | |
| 1 | | | | | | SP | | | 1 | -4' Sand, Orange Yellow, lit | tle silt | 0.0 | | | | |
| 2 | F2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 | | | | |
| 3 | | | | | | | | | | | | - | | | | |
| | | | _ | | | - | | | | | 1 | | | | | |
| 4 | | | | 10 | 00% | SP | | | 4-6' | Sand, Orange Yellow, little | cilt moist | 0.0 | | | | |
| | | | | | 7070 | - B | | | | band, Orange Tenow, Intic | | | | | | |
| 5 | | | | | | - | | | | | .* | | | | | |
| 6 | F2-C | 5.5-6 | 5.0' | | | SP | | 6-8' Sa | nd, I | ight Grey/Olive Yellow Gre | en, little silt, wet | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | End of Exploration | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | ** | | | | | |
| 10 | | | | | | | | | | | | | | | | |
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| 12 | | | | | | | | | | | | · | | | | |
| 12 | | | | | | | | | | , | • | | | | | |
| 13 | - | | | - | | <u> </u> | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
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| 15 | | | | | | ļ | | | | | , | | | | | |
| 16 | | | | | | I | | | | | • | · - | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-moun | ted Geopre | be Rig | | | | SURFACE ELEVATION | ł : | | | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | N | 0 | | | | START DATE: | 10/26/2007 | | | | | |
| RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 10/26/2007 | | | | | | | | | | | | | | | | |
| NOTES: | | _ | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| Depths r | asuremen measured applicab | from gr | | n 6" interv urface | rals | | | | | | | | | | | |

| | | | | P | ORIN | G LO | G | | | | | BORING | NUMBI | ER: P15-F3 |
|-------------------------------|---------------|---------|------|--------------------------|-----------|-----------------|-------------------|----------|-----------|-----------------|-------|-------------|-------------|---------------|
| SHAW | ENV | ЛRC | NN | ENTAL & | e- PRO | JECT: | US Army BRAC | 2005 Sit | e Investi | igation | | JOB NUME | BER: | 124976 |
| | | | | TURE | ŀ | | | | | | | CLIENT: | USACE | |
| | | | | | roc | ATION | : Charles Woods A | ea, FTN | MM, NJ | | | | · | |
| | | | | | CON | TRACT | TOR: TVS | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | | | | | | | FIELD REI | P: R. McCon | mick |
| | | | | SAMPLER | CASING | ; | CORE BARREL | | | | H OI | GROUND | WATER | |
| | YPE Œ (ID) | | Geop | robe MacroCore 2" | | | | DATE | 10/26/ | / <u>07'</u> | | | | + |
| HAMMI | R WEIG | | | NA NA | | | | Ground | iwater D | epth (feet): | - | | 3,5' | |
| IIAM | ILKIN | | IPLE | TUA | | | T - | | | l | | | | + |
| DEPTH (feet) | No. | DEP | TH | REC | USC | Symbol | | | | N OF MATE | | LS | | PID ppm |
| 0 | F3-A | 0-0. | 51 | 100% | | M | - | | 0-1' Silt | and Sand, Bro | ownl | | | 0.0 |
| 11 | | - 50 | | | | М |] | 1-4' | Sand wi | ith silt, Orang | e Bro | wn | | |
| 2 | F3-B | 1.5-2 | 2.0' | | | | _ | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | F3-C | 3-3. | .5' | | | | _ | | End | of Exploration | n | | | |
| 4 | - | | - | | | | _ | | 2 | <u> </u> | | | | |
| 5 | | | - | ,† | | | | | | | | | | |
| 6 | | | | - | - | | _ | | | | | | | - |
| | | | | | | | _ | | | | | | | |
| 7 | | | _ | | | | _ | | | | | | | |
| 8 | , | | | | | - | | | | | | | | |
| | | | _ | | | | - | | | | | | | |
| 9 | | Α | | | | | _ | | | | | | | |
| 10 | | | | | | | - | | | | | | | |
| 11 | | | | | | - | 1 | | | | | | | |
| 12 | | | | | | | - | | | | | | | |
| 12 | | | | • | | | | | | | | | | J |
| 13 | | | | | | |] | | | | | | | |
| 14 | | | | | | | 1 | | | | | | | |
| 15 | | | | | + | <u>.</u> | -{ | | | | | | | |
| 16 | | | | | | | 7 | | | | | | | |
| DRILLING | RIG TV | PE: | Tn | ick-mounted Geo | orobe Rio | | • | | SURFAC | CE ELEVATI | Oм· | | | |
| TEMPORAL | | | | | No | | | | START I | | J.1. | 10/26/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | N | IA TO: NA | | END DA | | 10 | /26/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals orface | | | | | | | | | | |

| | | - | | B | ORING I | LOG | } | | | BORING | G NUMBE | ER: P15-G1 | | | |
|--|---|-------------|---------|----------------------|--------------|------|------------------|-------------------|---|------------|-------------|---------------|--|--|--|
| | | | | | PROJEC | | US Army BRAC | 005 Site Invest | igation | JOB NUM | BER: | 124976 | | | |
| | | | | IENTAL & | E | | 00711111, 212107 | | .84 | | | | | | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | ea, FTMM, NJ | | CLIENT: | USACE | | | | |
| | | | | | | | | | | DRILLER: | Frank Acc | orsi | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | ł | | | | | |
| | | | | | | | | | | FIELD RE | P: R. McCon | mick | | | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUND | WATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | _ | | DATE 10/26 | /07' | | | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | Depth (feet): | | 12.0' · | | | | |
| HAM | MER FAI | | IPLE | NA | | Ц., | | | | | | 1 | | | |
| DEPTH | No. | DEP | | REC | USC Syn | ibol | | DESCRIPTIO | ON OF MATER | IALS | | PID | | | |
| (feet) | | | | 100% | SM/G | P | | 0-1' Silt and | Sand, Brown, tra | ice gravel | | ppm | | | |
| 1 | G1-A | 0-0. | .5' | | SP | | | 1_ <i>A</i> † \$^ | nd, Tan, little sil | , | | 0.0 | | | |
| | | | | | - 51 | | | 1 Ja | ,, 511 | • | | | | | |
| 2 | G1-B | 1.5-2 | 2.0' | | 1 | | | | | | | 0.0 | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 100% SM 4-6' Silt and Sand, Orange Brown 0.0 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 5 | 4 100% SM 4-6' Silt and Sand, Orange Brown 0.0 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | 6 ML 6-7' Clayey Silt, Orange Brown, trace sand | | | | | | | | | | | | | | |
| 88 | | | | 100% | SM | | | 8-12' Sand | with silt, Olive Y | ellow | | 0.0 | | | |
| | | | | 10070 | | | | V 12 Danie | , | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | G1-C | 11.5- | 12.0' | | _ | | | End | of Exploration | | | | | | |
| 12 | | | | | | | | | - · · · · · · · · · · · · · · · · · · · | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | - | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | |
| 15 | | <u> </u> | | | | | ļ | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | orobe Rig | | | SURFA | CE ELEVATIO | 1: | | | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 10/26/2007 | | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: | 10/26/2007 | | | | | |
| NOTES: | | | | | | | | | | T | | | | | |
| PID me | asuremen | its were | taken i | n 6" intervals | | | | | | | | | | | |
| Depths | measured | from g | | | | | | | | | | | | | |
| NA=not | t applicab | не | | | | | | | | | | | | | |
| | | | | | | | • | | | | | | | | |

| | | _ | | P | ORING | LOG | , | | | | BORIN | G NUMBI | ER: P15-G2 |
|---|----------------|----------|------|---------------------------------------|---------|------|------------------|----------|----------------|------------------|-------------------|-------------|---------------|
| | | | | | PROJE | CT: | US Army BRAC | 2005 | Site Investiga | ation | JOB NUM | BER: | 124976 |
| | | | | IENTAL & | & | | - | | | | CLIENT: | USACE | |
| 11 | (FRA | STR | UC | TURE | LOCAT | ION: | Charles Woods Ar | ea, I | FTMM, NJ | | CLIENT. | USACE | |
| | | | | | ł | | | | | | DRILLER | : Frank Acc | corsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | EIEI D DE | P: R. McCor | miok |
| | | | | | | | | | | | FIELD RE | r. K. McCoi | inck |
| | | | | SAMPLER | CASING | _ | CORE BARREL | 24 | 10/06/0 | | OF GROUNE | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA' | TE 10/26/0 | <i>r</i> | | | |
| HAMMI | ER WEIG | | | NA NA | | | | Gro | undwater Der | oth (feet): | | 13.5' | |
| TAM | AEK I'A | | PLE | MA | | | | <u> </u> | <u> </u> | ! | | 1 | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DE: | SCRIPTION | OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | | | | 0-1' Silt | and Sand, Bro | wn | | |
| 1 | G2-A | 0-0. | ο. | · · · · · · · · · · · · · · · · · · · | SM | | | | 1-4' Sand and | l Silt, Olive B | rown | | 0.0 |
| 2 | G2-B | 1.5-2 | 0' | | | | | | | | | | 0.0 |
| | 52.15 | 1.5-2 | | | 1 | | | | | | | | 0,0 |
| 3 4 4 100% SP 4-8' Sand, Light grey/ Yellow Olive Green, little silt 0. | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Light grey/ Yellow Olive Green, little silt 0. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | - | | ł | | | | | | - |
| | | | | | | | ļ | | | | | | |
| 8 | | | | 100% | SP | | 8-10' | Sand | l, Light grey/ | Yellow Olive | Green, little si | lt | 0.0 |
| 9 | | | · | | | | } | | | | | | ļ |
| | | | | | | | | | | | | | |
| 10 | | | | | SP | | 10-1 | 2' Sa | ind, Yellow C | range/Olive, I | ittle silt, moist | | |
| 11 | | | | | | |] | | | | | | ļ |
| 12 | | | | | | | | | | | | | <u> </u> |
| 12 | | <u> </u> | | | SP | | 1 | 12- | -13' Sand, Ye | llow Olive Gr | en, wet | | 0.0 |
| 13 | 02.0 | 12. | | | SP | | 1 | 13 | -16' Sand, Lig | ght Grey, little | silt, wet | | |
| 14 | G2-C | 13-1 |).D | | | | | | | | | | |
| 15 | | | | - | | | | | | | | | |
| | | | | | | | 1 | | | en i d | | | |
| 16 | L | l | | | l | | <u> </u> | | | Exploration | 7. | | |
| DRILLING | | | | ack-mounted Geop | _ | | | | | ELEVATION | | | |
| TEMPORA | | | | | No | | | | START DA | | 10/26/2007 | • | |
| RISER FRO | М: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | | END DAT | E: | 10/26/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| PID mea Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | OC | , F | | | BORING | | R: P15-H1 | | |
|--|---------------|-----------|------|--------------------------|-----------|------|-----------------|------|---|------------|-------------|--------------|--|--|
| | | | | IENTAL & | & PROJEC | CT: | US Army BRAC | 2005 | 5 Site Investigation | JOB NUMBE | ER: | 124976 | | |
| IN | FRA | STR | UC | TURE | LOCAT | ION: | Charles Woods A | rea, | FTMM, NJ | CLIENT: | USACE | | | |
| | | | | | - } | | | | | DRILLER: | Frank Acco | rsi | | |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP: | R. McCorm | ick | | |
| | | | | SAMPLER | CASING | | ORE BARREL | | | F GROUNDW | ATER | | | |
| | YPE E (ID) | | Geop | robe MacroCore 2" | | | | DA | ATE 10/26/07' | | | | | |
| HAMMI | | | | NA NA | | | | Gre | oundwater Depth (feet): | 1 | 2.5' | | | |
| TAMIN | IEK FA | | IPLE | NA | | | | | | | | | | |
| (feet) | No. | DEP | TH | REC | USC Syn | bol | | DE | SCRIPTION OF MATERIA | ALS | | PID ppm | | |
| 0 | | | | 100% | sw | | | 0.5- | 0-0.5' Asphalt 1.5' Sand, Orange Brown, trac | e gravel | | 0.0 | | |
| 1 | H1-A | 0.5-1 | .0' | | | | | | _ | _ | | | | |
| 2 | ні-в | 1.5-2 | 2.0' | | SM | | | | 1.5-3' Sand and Silt, Olive Bro | own | | 0.0 | | |
| 3 | | | | | SM | | | 3-4 | 4' Sand and Silt, Dark Orange/ | Brown | | | | |
| 4 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 100% SP 4-7' Sand, Yellow Orange, little silt 0. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7 | | | | | ML | | | | 7-8' Silt, Yellow Orange, little | cand | | | | |
| | | | - | - | IVIL . | | | | -o one, renow change, muc | Sanu | | | | |
| 8 | | | | 100% | ML | | | 8- | -10' Sandy Silt, Olive Green/Y | ellow | | 0.0 | | |
| 9 | | | - | | | | | | | | | | | |
| 10 | | | | | SM | | | 10- | -I 1' Sand with silt, Yellow/Lig | ht Grey | | - | | |
| 11 | | | | | | | | | | | | | | |
| 12 | Н1-С | 12-12.5 | , | | SM | | 11 | -12' | Sand with silt, Yellow/ Olive End of Exploration | Green, wet | 1 | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | _ | 1 | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | - | | | | | | | | | |
| 16 | | | | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | | SURFACE ELEVATION: | | | • | | |
| TEMPORA | | | | | No | | | | START DATE: | 10/26/2007 | | | | |
| RISER FRO | | NA | TO: | NA SCREE | | N/ | TO: NA | | | 0/26/2007 | | | | |
| NOTES: | | | | | | | - | | <u> </u> | | | | | |
| PID mea Depths r NA≕not | neasured | l from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING | LOG | | | | BORING | | R: P15-H2 |
|-----------------|----------------------------------|---------|------|--------------------------|-------------|------|------------------------|------------|----------------------------------|--|------------|--------------|
| | | | | ENTAL & | | | | | 5 Site Investigation | JOB NUMBE | | 124976 |
| | 12 241 | | | 20100 | LOCAT | | Charles Woods OR: TVS | Area, | FTMM, NJ | DRILLER: FIELD REP: | Frank Acco | ŀ |
| | | | | SAMPLER | CASING | | ORE BARREL | _ | DEDTU (| F GROUNDW | ATED | |
| | ГҮРЕ | | | robe MacroCore | CASING | | | D/ | ATE 10/25/07' | JF GROUNDW | AIER | |
| | ZE (ID) ER WEIG | THT. | | 2" NA | | | | Gr | oundwater Depth (feet): | 1 | 1.5' | - |
| | MER FA | | | NA NA | | | | _ <u>;</u> | oundwater Deptir (rect). | | 1.5 | |
| N. FIDATE | ls.r | | IPLE | nno. | VICC C | | | DI | CODIDATION OF MATERI | 47.6 | | PID |
| DEPTH (feet) | No. | DEP | 111 | REC | USC Syn | 1001 | | | ESCRIPTION OF MATERI | | | ppm |
| 0 | H2-A | 0-0 | 51 | 100% | SM/G | Р | | 0- | 1' Sand and Silt, Brown, trace | fine gravel | | 0.0 |
| 1 | HZ-A | 0-0 | | | ML | | | 1 | -2.5' Silt, Orange Brown, little | e sand | | 0.0 |
| 2 | H2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | SP | | | 2.5- | 4' Sand, Yellow/Olive Brown, | little silt | | |
| | | | | | | | | | | | | |
| 4 | | | | 100% | SP | | | 4-8 | S' Sand, Yellow/Olive Brown, | little silt | | 0.0 |
| 5 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 8 | | | | 100% | SP | | | • | 3-12' Sand, Orange Yellow, lit | tle cilt | | 0.0 |
| | | | | 10076 | 31 | | | Ì | 5-12 Sund, Clange Tellow, Inc | do sit | | |
| 9 | | | | | | | | | | | | |
| 10 | | _ | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | H2-C | 11-1 | 1.5' | | | | | | wet End of Exploration | | | |
| 12 | | | | | | _ | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | = | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | | SURFACE ELEVATION | : | | |
| TEMPORA | | | | | No | | | | START DATE: | 10/25/2007 | | |
| RISER FRO | | NA | TO: | NA SCREEN | N FROM: | NA | TO: N | A | END DATE: | 0/25/2007 | | } |
| NOTES: | | | | | | | | | | | | |
| PID mea | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | OF | RINGI | LOG | ; | | | | BORI | NG NUMBE | R: P15-I1 | |
|-----------------|---|---------|--|---------------------------|---------|----------|------|--------------|---------|---|------------------|------------------|----------------|--|--|
| SHAW | V EN | VIRC | NI | TENTAL & | e- | PROJEC | CT: | US Army BR. | AC 20 | 05 Site Invest | igation | JOB NU | | 124976 | |
| | | | | TURE | X. | LOCAT | ION: | Charles Wood | is Area | a, FTMM, NJ | | CLIENT | | = | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLE | | rsi | |
| | | | | | | <u> </u> | | | | | | FIELD | REP: K. Gerdes | | |
| | | | | SAMPLER | C/ | ASING | C | ORE BARREL | _ | | | OF GROUN | NDWATER | | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | | —P | DATE 10/25 | /07' | | _ | | |
| | ER WEI | GHT | | NA | | | | | G | roundwater D | enth (feet): | | 12.0' | | |
| | MER FA | | | NA | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -рал (1861). | | 1 | | |
| | | SAN | IPLE | | | | | | | | | | · · | | |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Sym | | | D | | N OF MATER | | | PID ppm | |
| 0 | - | | <u>. </u> | 100% | + | SM/GI | • | | | 0-1' Sand and | i Silt, Brown, t | ace gravel | | I | |
| 1 | 11-A | 0-0. | .5 | | + | SM | | | | 1-2' Sand an | d Silt, Orange | ellow | | 0.0 | |
| 2 | I1-B | 1.5-2 | 2.0' | | 1 | ML | | | 2 | 2-3.5' Sandy S | ilt, Olive Brow | /Orange | | 0.0 | |
| 3 | | | | | \pm | | | | | | | | | | |
| 4 | | | | | \pm | ML | | | | | y Silt, Orange E | | | | |
| | | | | | | | | | | | | | | | |
| 5 | 4 100% SM 4-8' Sand with silt, Orange Brown 0.0 | | | | | | | | | | | | | | |
| 6 | - | | | | - | | | | | | | | | | |
| 7 | | | | | # | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 8 | | | | 100% | | SP | | | 8-12' | Sand, Yellow | Orange/Olive C | ireen, little si | lt | 0.0 | |
| 9 | - | | | | - | | | | | | | | | | |
| 10 | ļ | | | | _ | | | | | | | | | | |
| 11 | | | | | 1 | | | | | | | | | | |
| 12 | II-C | 11.5- | 2.0' | | \pm | | | | | End | of Exploration | | | | |
| 12 | | | | | + | | | | | | | | | ļ | |
| 13 | - | | | | - | | | | | | | | | ļ | |
| 14 | | | | | 1 | | | | | | | | | ļ | |
| 15 | | | | | 1 | | | | | | | | | | |
| 16 | <u> </u> | | | | \perp | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFAC | E ELEVATIO | N: | | - | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | | START | DATE: | 10/25/20 | 07 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA | то: | NA | END DA | TE: | 10/25/2007 | | | |
| NOTES: | | - | | | | - | | | | | | | | | |
| Depths | easuremer measured t applical | from gr | | n 6" intervals surface | | | | | | | | | | | |

| | | | | В | ORING I | LOG | } | | BORING NUMBE | CR: P15-I2 |
|-----------------|----------------------------------|---------|-------|--------------------------|----------|------|-------------------------------------|------------------------------------|----------------------|---------------|
| SHAW | EN | /IRC | NIV | ENTAL & | PROJEC | CT: | US Army BRAC | 005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | · · · · · · · · · · · · · · · · · · | | CLIENT: USACE | |
| _ | | | | | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | |
| | | | | | CONTR | АСТО | R: TVS | | DRILLER: Frank Acc | orsi |
| | | | | | 1 | | | | FIELD REP: K. Gerdes | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | OF GROUNDWATER | |
| SI | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 10/25/07' | | |
| HAMM | ER WEIG | | | NA NA | | | | Groundwater Depth (feet): | 10.0' | |
| | | SAN | PLE | | | | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | ГН | REC | USC Syn | ibol | | DESCRIPTION OF MATERI | | PID ppm |
| 0 | I2-A | 0-0. | 5' | 100% | SM | | | 0-1' Sand and Silt, Bro | wn | 0.0 |
| 1 | | | | | SM | _ | 1-2. | 5' Sand and Silt, Orange Yellow/ | Olive Brown | |
| 2 | I2-B | 1.5-2 | .0' | | SM | | 2 | 2.5-3.5' Sand and Silt, Olive Gree | :n/Brown | 0.0 |
| 3 | | | | | SM | | | 3.5-4' Sand with silt, Orange I | | |
| 4 | | | | 100% | SM | | | 4-7.5' Sand with silt, Orange I | Brown | 0.0 |
| 5 | | | | | | | | , | | |
| 6 | | | | | | | | | | |
| | | | | | | | | | | |
| 7 | | | | | SP | | | 7.5-8' Sand, Yellow/Light Grey, | little silt | |
| 8 | | | _ | 100% | SP | | | 8-10' Sand, Yellow/Light Grey, | little silt | 0.0 |
| 9 | | | | | | | • | | | |
| 10 | 12-C | 9.5-1 | 0.0' | | | | | wet | | |
| 11 | | | | | | | | | | |
| 12 | | | | | <u> </u> | | | End of Exploration | | |
| 12 | ļ | | | | | | | | | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFACE ELEVATION | : | |
| TEMPORA | RY WEI | L INST | ALLEI |): 1 | No | | | START DATE: | 10/25/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END DATE: | 10/25/2007 | |
| NOTES: | | | | | | | | | | |
| Depths i | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | |

| • | | | |] | BORING | LOC | 3 | | | BORING | NUMBE | P15-I3 | | | |
|--|--|----------|------------|--------------------------|-----------|-------|-----------------|------------------|-------------------|------------|--------------|--|--|--|--|
| SHAW | ENV | VIRC | NN | TENTAL | & PROJ | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMI | BER: | 124976 | | | |
| IN | IFRA | STR | UC | TURE | LOCA | TION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | | | | |
| | | | | | | | | | | DRILLER: | Frank Acc | orsi | | | |
| | | | | | CONT | RACTO | OR: TVS | | | FIELD REI | P: K. Gerdes | | | | |
| | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUND | WATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | <u></u> | DATE 10/25 | 5/07' | | | | | | |
| HAMMI | ER WEI | | | NA | | | | Groundwater I | Depth (feet): | | 7.0' | | | | |
| HAMN | MER FA | | IDI E | NA | <u> </u> | .l | | L | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | | | |
| 0 | I3-A | 0-0 | 61 | 100% | Sì | 1 | | 0-1'S | ilt and Sand, Bro | wn | | 0.0 | | | |
| 1 | 15-14 | 0-0 | | | Si | 1 | | 1-2.5' Silt a | and Sand, Dark B | rown | | 0.0 | | | |
| 2 | 13-B | 1.5-2 | 2.0' | | Si | 1 | | 2.5-4' Sand a | and Silt, Orange | Yellow | | 0.0 | | | |
| SM 3.5-4' Sand with silt, Orange Brown 4 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Yellow Orange/Light Grey, little silt 0.0 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 8 | 7 I3-C 6.5-7.0' wet | | | | | | | | | | | | | | |
| 8 | | | | 1 | | | | EIR | of Exploration | | | | | | |
| 9 | - | - | | | - | | | | | | | - | | | |
| 10 | | | | | | | - | | | | | | | | |
| 10 | | | | | | | <u></u> | | | | | | | | |
| - 11 | ļ | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 12 | | | | | | | 1 | | | | | | | | |
| 13 | | | | | | | 1 | | | | | | | | |
| 14 | | | | | - | | - | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| | | | | | | |] | | | | | | | | |
| 16 | <u> </u> | 1 | | | | | L | | | | | 1 | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D; | No | | | START | DATE: | 10/25/2007 | | | | | |
| RISER FRO |)М: | NA | TO: | NA SCREI | EN FROM: | N/ | A TO: NA | END DA | ATE: | 10/25/2007 | | - | | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths 1 | asuremer measured applicat | l from g | | n 6" intervals urface | | | | | | | | | | | |

| | | | | ВС | ORING I | LOG | | | | | BORING | G NUM | BER: P15-J1 | 7 |
|-----------|----------------------------------|------------|------------|---------------------------|-----------------|----------|--------------|-------|------------------|----------------|--------------------|---------------|--------------------|----------|
| | | | | IENTAL & TURE | PROJEC LOCAT | | US Army BRAC | | | ition | JOB NUM CLIENT: | BER: USACE | 124976 | |
| | | | | | CONTR | ACTO | or: TVS | | | | DRILLER: | | Accorsi Cormick | |
| | | | | | | | | _ | | | | | | 4 |
| | TYPE | | | SAMPLER robe MacroCore | CASING | С | ORE BARREL | D/ | TE 10/24/07 | | OF GROUND | WATER | 1 | \dashv |
| SI | ZE (ID) | OUT. | | 2" NA | | | | | oundwater Dep | 4 (6-4) | | 12.0' | | |
| | ER WEIG | | | NA NA | | | | Gr | ountwater Dep | in (leet): | | 12.0 | | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | USC Syn | hol | | DE | SCRIPTION | OF MATER | IALS | | PID | |
| (feet) | 110. | DEI | " | | <u> </u> | | | | | | | | ppm | 4 |
| 1 | J1-A | 0-0. | .5' | 100% | SM/GI | | | | 0-2' Silt and Sa | nd, Brown, tr | ace gravei | | 0.0 | |
| 2 | J1-B | 1.5-2 | 2.0' | | SM | | 2 | 3' Sa | and with silt, O | range Brown | Tan, asphalt | | 0.0 | |
| 3 | | | | | CL | | | 3-4 | Silty Clay, Ora | ange Brown, | trace sand | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | | | | 100% | Ċſ | \dashv | | 4-6 | ' Silty Cay, Ora | ange Brown, | race sand | | 0.0 | \dashv |
| 5 | | | | _ | | | | | | | | | | |
| 6 | | | | | SM | | | | 6-8' Sand with | silt, Yellow (| Orange | | | |
| 7 | - | | | | | | | | | | | | | \dashv |
| | | | | | | | | | | | | | | |
| 8 | | | | | SP | | 8- | 2' S | and, Yellow Or | ange/Olive G | reen, little silt | | | |
| 9 | - | - | | | | _ | | | | | | | | - |
| 10 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 11 | - | | | | | | | | 11 | .5' wet | | | | \dashv |
| 12 | JI-C | 11.5- | 12.0' | | | | _ | | End of | Exploration | | | | 4 |
| | | <u> </u> | | | | | ` | | | | | | | |
| 13 | <u> </u> | | | | <u> </u> | | | | | | | | | |
| 14 | \vdash | | | | | _ | | | | | | | | - |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | _ | | | | | | | ╛ |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geopr | obe Rig | | | | SURFACE | ELEVATIO | N: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: N | o | | | | START DA | ATE: | 10/24/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | | END DATE | E: 1 | 0/24/2007 | | | Ì |
| NOTES: | | | | | | | | | | | | | | ᅦ |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | _ | | ORIN | G L | 00 | } | | | BORIN | G NUMBE | R: P15-J2 | | |
|---|-----------------|----------|----------------|--------------------------|---------------|-------|--------|------------------|-----------------|------------------------------------|-------------------------|--------------|--------------|--|--|
| SHAW | ENV | /IRC | NM | IENTAL & | & PR | OJECT | : : | US Army BRAC | :005 Site Inves | tigation | JOB NŪM | BER: | 124976 | | |
| IN | IFRA | STR | UC | TURE | LO | CATIO | N: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | | | |
| | | | | | | | | | | | DRILLER | Frank Acc | orsi | | |
| | | | | | Co | NTRA | сто | OR: TVS | | | FIELD RE | P: R. McCorr | nick | | |
| | | | | SAMPLER | CASIN | ïG | C | ORE BARREL | | | OF GROUND | WATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | - | | | DATE 10/24 | 1/07' | _ | | - | | |
| HAMMI | ER WEI | | | NA | - | | | | Groundwater I | Depth (feet): | - | 8.5' | | | |
| HAMN | MER FA | SAM | PLF | NA | | | | | | L | | <u> </u> | . ' | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symb | ol | | DESCRIPTION | ON OF MATER | IALS | | PID ppm | | |
| 0 | | <u> </u> | | 100% | _ | SM | | 0 | | 0-0.5' Asphalt silt, Orange/Yel | low Brown | | 0.0 | | |
| 1 | J2-A | 0.5-1 | .0' | | | 5141 | | ļ | 5-4 Sand Will | siit, Orange/Ter | IOW BIOWII | | 0.0 | | |
| 2 | J2-B_ | 1.5-2 | .0' | | | | _ | | | | | | 0.0 | | |
| 3 4 4 100% SP 4-8' Sand, Orange Yellow/Olive Brown, little silt, wet 0. | | | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Orange Yellow/Olive Brown, little silt, wet 0.0 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 4 100% SP 4-8' Sand, Orange Yellow/Olive Brown, little silt, wet 0.0 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 7 | 5 6 | | | | | | | | | | | | | | |
| | | | | | | | _ | | | | | • | | | |
| 8 | J3-C | 8-8. | 5' | | | | | | End | of Exploration | | | _ | | |
| 9 | | | | | | | _ | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 10 | | <u> </u> | _ | | | | | | | | • | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | _ | | | | | | | | | | | | |
| 12 | | | | | 1 | | _ | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | - | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| | DIC TV | DE. | т _~ | ick-mounted G | rohe Dic | | | <u> </u> | CIDEA | CE EI EUATIO | | | | | |
| DRILLING | | | | ick-mounted Geoj | | | | | | CE ELEVATIO | | | | | |
| TEMPORAI | | NA NA | ALLEI TO: |): NA SCREEI | No v from: | | NA | TO: NA | START END D | | 10/24/2007 0/24/2007 | | | | |
| NOTES: | | | | | | | | | | | T | | | | |
| PID mea | neasured | from gr | | a 6" intervals urface | | | | | | | | | | | |

| . | | | | | BO | RING I | .0 0 | } | | | BORING | G NUMBE | R: P15-J3 |
|-----------------|------------------------------------|---------|------|--------------------------|-----------|--|-------------|---------------|-------|--|---------------|-------------|--------------|
| SHAW | / ENV | ЛRC | NV | IENTAL | . & | PROJEC | CT: | US Army BRAG | 200: | 5 Site Investigation | JOB NUMI | | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woods | Area, | FTMM, NJ | CLIENT: | USACE | |
| | ٠ | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acco | orsi |
| | • | | | | | Journal of the state of the sta | | | | | FIELD RE | P: R. McCom | nick |
| | | | | SAMPLER | | ASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPĒ ZE (ID) | | Geop | robe MacroCor 2" | e | | | | | | | | |
| | ER WEIG | | | NA NA | ١. | | | | Gr | oundwater Depth (feet): | | 7.5' | |
| | | SAM | PLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ГН | REC | | USC Sym | bol | | DE | SCRIPTION OF MATE | uals | | PID ppm |
| 0 | - | | | 100% | | SW/GV | v | | | 0-0.5' Asphalt 0.5-1.5' Sand and Gravel | Tan | | 0.0 |
| 1 | Ј3-А | 0.5-1 | .0' | | | | | | | | | | |
| 2 | J3-B | 1.5-2 | 2.0' | | | SM | | | | 1.5-3' Silt and Sand, Yellow | Green | | 0.0 |
| 3 | - | | | | | SM | | | | 3-4' Silt and Sand, Orange | Brown | | <u> </u> |
| | <u> </u> | | | | | <u> </u> | _ | | | 5 / One and dane, Grange | | | |
| 4 | | | | 100% | - | SM | | | 4-6 | 5.5' Silt and Sand, Orange B | rown, wet | • • • | 0.0 |
| 5 | | | | | - | | | 1 | | | | | |
| | | | | | | | | | | | | | |
| 6 | | | | | _ | SP | | | 6.5- | 8' Sand, Yellow Orange, lit | tle silt, wet | | |
| 7 | J3-C | 7-7 | 5' | | _ | _ | | | | | | | |
| 8 | 35.0 | | | | _ | | | | | End of Exploration | | | |
| 8 | \vdash | - | | | | | | | | | | | |
| 9 | | | | | \dashv | | | | | | | | |
| 10 | | | | | _ | | _ | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | - | | | | | | | | |
| 12 | 1 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | - | | | | | | | | | | | | <u> </u> |
| 15 | | | | | | | | | | | | | |
| | | | | | \exists | • | | | | | | | |
| 16 | nic m | DE. | | | <u> </u> | - n:- | | | | CIDEACE EL EUL MIC | NI. | | J |
| DRILLING | | | | ick-mounted G | - | e Kig | | | | SURFACE ELEVATIO | | | |
| TEMPORA | | | | | No | 2014 | 27. | TO: 11 | | START DATE: | 10/24/2007 | | |
| RISER FRO | лм: | NA — | TO: | NA SCR | een fi | COM: | NA | TO: N. | ٠, | END DATE: | 10/24/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |
| | | | | | | | | | | | | | |

| | | | | | BC | RING I | LOG | } | | | | | BORING | G NUMBI | |
|-----------------|------------------------------------|----------|------|--------------------------|-------|---------|------|-----------------|----------|------------|---------------------------------|----------|------------|-------------|------------------|
| | | | | | | PROJEC | | US Army BRAC | 2005 S | lite Inves | tigation | | JOB NUMI | BEŔ: | P15-J4 124976 |
| | | | | ŒNTAI | . & | | | 00.1111, 21010 | 2000 | | g | | 1 | | .2 |
| 11 | NFRA | ISTR | RUC | TURE | | LOCAT | ION: | Charles Woods A | Area, FT | ΓΜΜ, NJ | | | CLIENT: | USACE | |
| | | | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | R: TVS | | | | | Í | | |
| | | | | | | | | | | | | | FIELD RE | P: R. McCor | mick |
| | TILDE | | | SAMPLER | | CASING | С | ORE BARREL | | - 10/0 | | гн о | F GROUND | WATER | 1 |
| | TYPE ZE (ID) | | Geop | robe MacroCo 2" | re | | | | DATI | E 10/24 | 1/07 | | | | |
| | ER WEI | | | NA NA | + | | | | Grou | ndwater I | Depth (feet): | - | | 3.5' | |
| | | SAN | 1PLE | | | | | | | | 1 | | - | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | ibol | | DESC | CRIPTIO | ON OF MAT | ERIA | LS | | PID ppm |
| 0 | | | | 100% | | SM | | | 0.5 | | 0-0.5' Aspha I with silt, Ol | | | | 0.0 |
| 1 | J4-A | 0.5- | 1.0' | | | | | | | | • | | | | . 0.0 |
| 2 | J4-B | 1.5- | 2.0' | | | CL | | | 1.5-4' C | lay, Dark | Grey/Olive, | little s | sand, wet | | 0.0 |
| | | | | | | | | | | | | | | | |
| 3 | J4-C | 3-3 | .5' | | | | | | | | | | | | |
| 4 | | | | | | | | | | End | of Explorati | 0n | | | 1 |
| | 1 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
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| 8 | | | | | | | | | | | | 1 | | | |
| 9 | ļ | | | | | | | | | | | | | | |
| 10 | | - | | | | | _ | | | | | | | | |
| 11 | - | - | | | | | | | | | | | | | |
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| 12 12 | | <u> </u> | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| | _ | | | | | - | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | <u> </u> | | | _ | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted (| eopro | be Rig | | | | SURFA | CE ELEVAT | ION: | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No |) | | | | START | DATE: | | 10/24/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCR | EEN F | ROM: | NA | TO: NA | | END D | ATE: | 10/ | 24/2007 | | |
| NOTES: | - | | | | | | | | | - | | | Γ | _ | |
| Depths | asuremer measured t applical | d from g | | n 6" intervals urface | | | | | | | | | | | |
| 110,210 | . appricat | | | | | | | | | | | | | | |

| | | | | В | ORING | LOC | | | | BORING NUMBI | ER: P15-J5 |
|-----------------|----------------------------------|--------------|-------|--------------------------|-------------|----------|------------------------------|-----------------|--|---|--|
| | | | | IENTAL & | - 1 | ECT: | US Army BRAC Charles Woods A | | | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | TRACT | OR: TVS | | | DRILLER: Frank Acc FIELD REP: R. McCon | |
| | | | | SAMPLER | CASING | | CORE BARREL | | | I OF GROUNDWATER | |
| | ГҮРЕ | | Geop | robe MacroCore | | 1 | | DATE 10 | 0/24/07' | | |
| HAMM | ZE (ID) | зит | | 2" NA | - | + | <u>-</u> - | Groundwat | er Depth (feet): | 6.5' | |
| | MER FA | | | NA | | | | | J | | |
| | | | PLE | | | | | | | | 777 |
| DEPTH (feet) | No. | DEP | TH | REC | USC S | ymbol | İ | DESCRIP | TION OF MATE | RIALS | PID ppm |
| 0 | | | | 100% | | | Ī | | 0-0.5' Asphalt | | |
| | J5-A | 0.5-1 | 0, | | SW/ | | - , | | ' Sand and Gravel, ay with sand, Dark | | 0.0 |
| 1 | J3-A | 0.5- | 1.0 | | - CL | SF . | 1 ' | -3.3 Silly Ci | ay with sailu, Dark | Olive Gleen | |
| 2 | J5-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | М | T | | . F. Al Clauser | Silt, Orange Brow | Viale cond | |
| . 4 | | | | | | <u>.</u> | 1 | 4 Clayey | Siit, Orange Brow | n, nue sand | 1 |
| 4 | | | | 100% | M | L | 4- | 6' Clayey Sil | t, Orange Brown, | little sand, wet | 0.0 |
| 5 | | | | | | | | | | | |
| 6 | | <u> </u> | | | s | D | | 6-8' Sand 3 | Yellow Orange, lit | le silt wet | |
| | J5-C | 6-6 | .5' | | - <u>°</u> | | 1 | o-o buna, | renow Orange, m | do one, wet | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | - | , | End of Exploration | | |
| 8 | İ | | | | | | | | End of Exploration | | |
| 9 | | | | | | | | | | | |
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| 10 | İ | | | | | | | | | | |
| 11 | | | | | | | | | | | <u> </u> |
| 12 | | | | | | | 1 | | | | |
| 12 | \vdash | | | | + | | -[| | | | |
| 13 | | | | | | | - | | | | |
| 14 | | | | | - | | - | | | | |
| | | | | | | | | | | | |
| 15 | ├ | ļ | | | - | | - | | | | [|
| 16 | | | | | | | 1 | 1 | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geoj | probe Rig | | | SUR | FACE ELEVATIO | ON: | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | STA | RT DATE: | 10/24/2007 | |
| RISER FRO | | NA | то: | NA SCREE | N FROM: | N/ | A TO: NA | END | DATE: | 10/24/2007 | |
| NOTES: | | | | | | | | | | | |
| PID mea | asuremen measured applicat | l from gr | | n 6" intervals urface | | | | | | | |

| | | | | J | BO | RING I | LOG | 1 | | | | BORIN | G NUMB | ER: P15-J6 |
|-------------------------------|----------------|---------|------|--------------------------|-----------|-------------|----------|---------------|------|---|------------------------------------|-----------------|----------------|---------------|
| SHAW | ENV | VIRC | NN | ŒNTAL : | æ | PROJEC | CT: | US Army BRA | C 20 | 05 Site Investi | gation | JOB NUM | IBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woods | Area | a, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER | R: Frank Ac | corsi |
| | | | | | | | | 110 | | | | FIELD RI | EP: R. McCo | mick |
| | | | | SAMPLER | _ (| CASING | С | ORE BARREL | | | | OF GROUN | DWATER | |
| | YPE ZE (ID) | | Geop | orobe MacroCore 2" | ├- | | | | - | OATE 10/24/ | 07' | | - | |
| HAMMI | ER WEI | SHT | | NA | | | | - | | roundwater De | epth (feet): | • | 6.5' | |
| HAMN | MER FA | | | NA | | | Ь, | = | | | | | ١, | - |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | ibol | | D | ESCRIPTION | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | [| CW/CV | | | | | -0.5' Asphalt | P | | |
| 1 | J6-A | 0.5-1 | 1.0' | | _ | SW/GV SM | <u>'</u> | | | | d and Gravel, T Silt, Dark Gree | | | 0.0 |
| 2 | J6-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | - | | | | - | ML/SI | ,— | | 3-4 | 4' Clavey Silt v | vith sand, Dark | Tan/Olive | | |
| | | | | | | | | | _ | , cayey one | rai sano, park | Tail Olive | | |
| 4 | | | | 100% | -+ | SP | \dashv | | 4-7. | 5' Sand. Yellov | v/Olive Green,l | ittle silt. wet | <u>.</u> | 0.0 |
| 5 | | | | | # | | | | | , | | | | |
| | | | | | _ | | | | | | | | | |
| 6 | J6-C | 6-6. | .5' | | - | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | SP | | | | | id, Yellow Orar of Exploration | ige | | |
| 8 | | | | | | - | | | | | • | | | |
| 9 | _ | | | | - | | \dashv | | | | | | | |
| 10 | | | | | | | | | | | ` | | | |
| 10 | | | | | \dashv | | | | | | | | | |
| 11 | | | | | \exists | | | | | | | | | |
| 12 | | | | | \dashv | | | | | | | | | |
| 12 | | | | | 4 | | | | | | | | | |
| 13 | | | | | Ⅎ | | | | | | | | | |
| _14 | | | | | - | | | | | | | | | |
| 15 | | | | | \exists | | | | | | | | | |
| 16 | | | | | \dashv | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | prob | e Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | | | | | No | ū | | | | START I | | 10/24/200 | 7 | |
| RISER FRO | M; | NA | TO: | NA SCREE | N FI | ROM: | NA | TO: N | IA | END DA | TE: 1 | 0/24/2007 | | |
| NOTES: | | | | | | - | _ | | | | - | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| - | | | | I | BOR | INGI | COG | } | | | | BORING | G NUMBE | ER: P15-K1 |
|-----------------------|----------|----------|-------|----------------------------|----------------|----------|------|---------------|--------|--|--------------|------------------------|-------------|---------------|
| SHAW | ENV | ZIR(| NN | IENTAL (| e. | PROJEC | CT; | US Army BRA | C 200 | 5 Site Investigation | m | JOB NUMI | BER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Charles Woods | Araa | ETMM NI | | CLIENT: | USACE | |
| | | | | | | LOCAT | ion: | Charles Woods | Alea | , F I IVIIVI, NJ | | DRILLER: | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | | | |
| | | | | | | <u> </u> | | | | | | FIELD RE | P: R. McCon | mick |
| - | YPE | | | SAMPLER orobe MacroCore | CA | SING | C | ORE BARREL | | ATE 10/24/07' | DEPTH (| F GROUND | WATER | |
| SIZ | ZE (ID) | <u> </u> | Ocop | 2" | | | | | | | _ | | | |
| HAMMI | ER WEIG | | | NA NA | | | | | G | roundwater Depth | (feet): | | 10.5' | |
| | | SAM | PLE | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | 1 | USC Sym | lodi | | D | ESCRIPTION OI | F MATERI. | ALS | | PID ppm |
| 0 | | | | 100% | - | SP | | | 0.5- | 0-0.5' 1.5' Sand, Olive G | Asphalt | little cilt | | 0.0 |
| 1 | K1-A | 0.5-1 | .0' | | | | | | | | | , | | - 0.0 |
| 2 | K1-B | 1.5-2 | 2.0' | | + | SM ML | _ | | | 1.5-2' Sand and Sil 2-3.5' Silt with sa | | | | 0.0 |
| | | | | | | | | | | | • | | | |
| 3 | | _ | | <u> </u> | | CL | | | 3.5 | 4' Silty Clay, Oran | ige Brown, l | ittle sand | | |
| 4 | | | | 100% | + | CL | | | 4-6 | .5' Silty Clay, Orar | nge Brown, l | ittle sand | - | 0.0 |
| 5 | | | | | | | | | | • •, | | | | |
| | | | | | _ | | | | | | | | | |
| 6 | | | | | | SP | | 6. | 5-8' S | and, Orange Yello | w/Olive Bro | wn, little silt | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | # | | | 9.10.519 | | | | | | |
| 8 | | | | | | SP | | 8-10.5° Sa | na, L | ight Grey Green/O | range Red, I | ittle silt, motti | ed, wet | 0.0 |
| 9 | | | | | + | | | | | | | | | |
| 10 | K1-C | 10-1 | 0.61 | | | CD. | | | 10.5 | 12l Com J. Wallenn | O 1544 | :144 | | |
| 11 | KI-C | 10-1 | 0.5 | | | SP | | | 10.5 | -12' Sand, Yellow | Orange, Inti | e siit, wet | | |
| 12 | | - | | | | | | | | End of Ex | ploration | | | |
| 12 | | | | | | | | | | | • | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | + | | | | | | | | | |
| 15 | | | | | \blacksquare | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| , | L | DE: | т. | | | n: | | | | OLDE A CE EL | FILATION | | | -\ |
| DRILLING | | | | uck-mounted Geo | | иg | | | | SURFACE EL | | | | |
| TEMPORAL RISER FRO | | L INST | ALLE: | D: NA SCREE | No N FRC | λM· | NIA | . TO: N | Δ | START DATI | | 10/24/2007 /24/2007 | | |
| NOTES: | 171. | יאי | 10. | INA SCREE | 4 1 KC | J1V1. | IVA | . 10. N | ^ | END DATE: | | T | | |
| | neasured | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | _ | 1 | ORI | I DV | OG | r r | | | BORING NUMBE | R: P15-K2 |
|-------------------------------|----------------|---------|------|--------------------------|-----------|-------|------|-----------------|---------|---|-------------------------------|--------------|
| SHAW | ENY | ЛRC | NM | ENTAL (| e- PF | OJEC | T: | US Army BRAC | 2005 | Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | | CLIENT: USACE | |
| | | | | ZOICE | LC | CATI | ON: | Charles Woods A | rea, | FTMM, NJ | _ | |
| | | | | | c | ONTR/ | АСТО | OR: TVS | | | DRILLER: Frank Acco | orsi |
| | | | | | | | | | | | FIELD REP: R. McCorn | nick |
| | | | | SAMPLER | CASI | NG | _ | ORE BARREL | | | OF GROUNDWATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DA | TE 10/24/07' | | |
| HAMMI | | | | NA | | | | | Gro | oundwater Depth (feet): | 8.5' | |
| HAMIN | AEK PA | | IPLE | NA | | 1 | | | <u></u> | !! | | <u> </u> |
| DEPTH (feet) | No. | DEP | | REC | US | C Sym | bol | | DE | SCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | | 100% | | SW | | 0.4 | 525 | 0-0.5' Asphalt 5' Sand, Orange Brown, little | gravel coal | 0.0 |
| 1 | K2-A | 0.5-1 | 1.0' | | | | | V | | Janu, Orange Diown, Illie | g. a. e., eva. | |
| 2 | K2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | - | SP | | 2.5- | 4' Sa | and, Orange Yellow/Olive G | reen, little silt | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | | SP | _ | 4-8' Sand, Oran | ige \ | Yellow/ Light Grey Green/R | ed, little silt, mottled, wet | 0.0 |
| 5 | <u> </u> | | | | + | | | | | | | |
| 6 | | | | | _ | | | | | | | |
| | | | | | | | | | | | | |
| 7 | <u> </u> | | | | + | | - | | | | | |
| 8 | K2-C | 8-8 | .5' | | - | | | | | End of Exploration | | |
| | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | ļ — | ļ | | | + | | | | | | | |
| 11 | | | | | _ _ | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | _ | - | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | _ | | | | | |
| 16 | | | | | | | _ | | | | | |
| DRILLING | RIG TY | PE: | Tri | uck-mounted Geo | probe Ris | 2 | | | | SURFACE ELEVATION | ۱: | |
| TEMPORA | | | | | No | , | | | | START DATE: | 10/24/2007 | |
| RISER FRO | | NA NA | TO: | NA SCREE | | l: | NA | A TO: NA | | | 0/24/2007 | i |
| NOTES: | | | | | | | | | | <u> </u> | | |
| PID mes Depths 1 NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BOI | RING I | COG | ; | | | BORIN | G NUMBE | R: P15-K3 |
|-----------------|--------------------------------------|--|------------|--------------------------|----------|---------|--------|---------------------------------------|----------|-------------------------------|--------------|--------------|--------------|
| | | | | ENTA TURE | L & | PROJEC | | US Army BRAC | | 5 Site Investigation | JOB NUM | | 124976 |
| | | | | | | CONTR | ልሮፕር | PR: TVS | | | DRILLER | : Frank Acco | rsi |
| | | | | | | CONTR | ACIC | r. 173 | | | FIELD RI | P: R. McCorm | nick |
| | | | _ | SAMPLER | | ASING | | ORE BARREL | I | | OF GROUNI | OWATER | |
| | TYPE IZE (ID) | | Geop | robe MacroC 2" | ore | | - | | -[DA | ATE 10/25/07' | | | |
| HAMM | IER WEIG | | | NA | | | | | Gre | oundwater Depth (feet): | _ | 8.5' | |
| HAM | MER FA | | | NA | | | | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | bol | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | | | | | 0-0.5' Asphalt | | | |
| 1 | К3-А | 0.5-1 | 1.0' | | | SW | | | 0.5 | -2' Sand, Orange Brown, lit | le gravel | | 0.0 |
| 2 | К3-В | 1.5-2 | 2.0' | | | ML | | | : | 2-3' Silt, Orange Brown, litt | e sand | | 0.0 |
| 3 | | | | | | SM | | 3- | 4' Sa | nd with silt, Yellow Orange | Olive Brown | | |
| 4 | + | | | | | - | | | | | | | |
| 4 | | | | 100% | , | SM | | | 4 | 6' Silt and Sand, Dark Brow | n, moist | | 0.0 |
| 5 | \Box | | | | | | | | | | | | |
| 6 | | | | | | SM | | 6 | -7' Sa | and with silt, Yellow/Olive I | Brown, moist | | |
| 7 | | | | | | SM | | | 7-8 | 3' Sand with silt, Yellow Ora | inge, wet | | |
| 8 | К3-С | 8-8. | .5' | | | _ | | | | End of Exploration | | | |
| 9 | 1 | | | | | | | | | | | | |
| 10 | \vdash | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 11 | - | | | | - | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | + | - | | | | | | | | | | | J |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | + | - | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted | Geoprobe | e Rig | لستريب | · · · · · · · · · · · · · · · · · · · | | SURFACE ELEVATIO | N: | | • |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | | START DATE: | 10/25/200 | 7 | |
| RISER FRO | эм: | NA | TO: | NA SC | REEN FR | ROM: | NA | TO: NA | | | 0/25/2007 | | |
| NOTES: | | | | | | | | | | | T | | |
| Depths | easuremen measured et applicab | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | B | OR | ING I | OG | + | | | | BORING | S NUMBÉ | R: P15-K4 | |
|----------------------|---|---------------|------------|---------------------------|-------------|---------|----------|---------------|------|----------------------|-----------------|-----------------------|--------------|--------------|--|
| SHAW | ENV | VIRC | NN | TENTAL & | & | PROJEC | T: | US Army BRA | C 20 | 005 Site Investigati | ion | JOB NUMI | | 124976 | |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Charles Woods | Ате | a, FTMM, NJ | | CLIENT: | USACE | | |
| | | | | | | | | | | | | DRILLER: | Frank Acco | rsi | |
| | | | | | | CONTR | ACTO | R: TVS | | | | | P: R. McCorm | | |
| | | _ | | | | | | | _ | | | TABLE ALL | - A. M.COIII | | |
| | TYPE | | | SAMPLER robe MacroCore | CA | SING | <u>C</u> | ORE BARREL | - 1 | DATE 10/25/07' | | F GROUND | WATER | 1 | |
| | ZE (ID) | CUT | | 2" NA | | | | | | Groundwater Deptl | | | 8.5' | | |
| | MER FA | LL | | NA NA | | | | | 工 | Jiounawater Depu | ii (icci). | | 6.5 | | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | | USC Sym | bol | | 1 | DESCRIPTION C | OF MATERIA | LS | • | PID | |
| (feet) | | | | 100% | | | | | | 0-0.5 | 5' Asphalt | | | ppm | |
| 1 | K4-A | 0.5-1 | .0' | | | SM/GI | , _ | | 0.5- | 2' Sand with silt, C | Olive Green, li | ttle gravel | | 0.0 | |
| 2 | K4-B | 1.5-2 | | | # | SM | | | | 2-3' Sand with si | ilt Vellow On | nge | | 0.0 | |
| | Х7-В | 1.5-2 | 0 | • | \perp | | | | | | | - | | J.0 | |
| | | | | | | | | | | | | | | | |
| 4 | 3 SM 3-4' Sand with silt, Orange Brown 4 100% SP 4-8' Sand, Orange Yellow, little silt, wet | | | | | | | | | | | | | | |
| 5 | 4 | | | | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | | |
| | 4 100% SP 4-8' Sand, Orange Yellow, little silt, wet | | | | | | | | | | | | | | |
| 7 | | | | | \pm | | | | | | | | | | |
| 8 | K4-C | 8-8 | .5' | | + | | \dashv | | | End of E | Exploration | | | | |
| 9 | | | | | - | | | | | | | | | | |
| 10 | | | | | | | = | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | <u> </u> | | | | \pm | | | | | | | | | | |
| 13 | | | | | - | | = | | | | | | | | |
| 14 | - | | | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 15 | | - | | | | | | | | | | | | | |
| 16 | DIG === | | | 1 | | D' | | | | arm= | EL ELL 2000 | | | <u> </u> | |
| DRILLING | | | | uck-mounted Geo | | Kig | | | | | ELEVATION: | | | | |
| TEMPORA RISER FRO | | LL INST NA | ALLE: | D: NA SCREE | No N FRO | OM: | NA | TO: N | Α | START DATE | | 10/25/2007 25/2007 | | | |
| NOTES: | | | | | - | | | | _ | | | T | | | |
| Depths 1 | asuremen measured applicat | l from gr | | n 6" intervals urface | | | _ | | | | | | | | |

| | | | | | В | OR | INGI | COG | · | | , , |] | BORING | NUMBI | ER: P15-K5 |
|-------------------------------|-----------------|------------|------|---------------|-------------|-----------|-----------------|------|-------------|-----------|-------------------------------|--------|------------|-----------|---------------|
| SHAW | ENV VFRA | | | | | ž | PROJEC LOCAT | | US Army BRA | | 05 Site Investigation | | OB NUMI | BER: | 124976 |
| | | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER: | Frank Acc | |
| | | | | SAMPL | | CA | SING | С | ORE BARREL | \perp | | н оғ | GROUND | WATER | |
| | TYPE ZE (ID) | | Geor | robe Ma 2" | croCore | | | | | <u> D</u> | ATE 10/25/07' | | | | |
| HAMMI | | GHT | | NA. | | | | | | G | roundwater Depth (feet): | + | | 4.5' | |
| HAMN | MER FA | | İ | NA | | | | | | | | | | | |
| DEPTH | No. | SAN DEP | IPLE | | REC | - | USC Sym | , l | | n | ESCRIPTION OF MATE | DIAT | c | | PID |
| (feet) | 140. | DEF | ın | | REC | | USC Sym | DOI | | | ESCRIPTION OF MATE | | | | ppm |
| 0 | | | | 1 | 100% | | | | | | 0-0.5' Asphalt | | | | |
| 1 | K5-A | 0.5- | 1.0' | | | _ | SM | | | 0.5-4 | l' Sand with silt, Olive Gree | n/Yell | low, wet | | 0.0 |
| 2 | K5-B | 1.5- | 2.0' | | | + | | | | | | | | | 0.0 |
| 3 | | | | | - | + | | | | | | | | | |
| 4 | K5-C | 4-4 | .5' | | | \perp | | | | | End of Exploration | 1 | | | |
| 4 | | | | | | ╁ | | | | | | | | | - |
| 5 | | | | | | + | | = | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
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| 11 | | | | | | # | | | | | | | | | |
| 12 12 | | | | | | # | | | | | ***** | | | | |
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| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mou | nted Geop | robe l | Rig | | | | SURFACE ELEVATION | ON: | | | |
| TEMPORAL | RY WEL | L INST | ALLE | D: | 1 | No | | | | | START DATE: | | 10/25/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | I FRC | OM: | NA | TO: N | IA | END DATE: | 10/25 | 5/2007 | | |
| NOTES: | | | | | | | | | | | | \Box | | | |
| PID mea Depths n NA=not | neasured | from gr | | | rvals | | | | | | | | | | |

| | | | | I | 301 | RING I | LOG | , , , , , | | - | | | BORIN | G NÚMI | | 5-K6 |
|------------------|---|--|-------------|--------------------------|----------|----------|------|-----------------|---------|--------------|--------------------------|----------|-----------|------------|----------|-------------|
| | | | | TURE | & | PROJEC | CT: | US Army BRAC | 2005 Si | ite Investi | gation | | JOB NUM | | | 4976 |
| | 11.10 | X) | | TORE | | LOCAT | ION: | Charles Woods A | rea, FT | MM, NJ | | | | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER | R: Frank A | ccorsi | |
| | | | | | | | | | | | | | FIELD RI | EP: R. McC | ormick | |
| | | | | SAMPLER | c | ASING | C | ORE BARREL | | | | тн о | F GROUN | DWATER | | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore 2" | | | | | DATE | E 10/25/ | 07' | | | + | | |
| HAMM | ER WEI | | | NA | | | | | Groun | idwater D | epth (feet): | | | 4.5' | | |
| HAM | MER FA | | | NA | | | | | | | | | | | | |
| DEPTH | No. | | MPLE PTH | REC | _ | USC Sym | hal | | DESC | CDIDTIO | N OF MA | TEDIA | . Y C | | | PID |
| (feet) | 140. | DEF | 111 | REC | | OSC Sym | וסטו | | DESC | LKIPIIO | N OF MA | I EKIA | LLS | | | ppm |
| 0 | ļ | | | 100% | П. | | | | | |)-0.5' Asph | | | | | |
| 1 | K6-A | 0.5- | 1.0' | | - | SP ML | | | 0.5-1 | Sand, Ora | ange Yellov Dark Gree | v, trace | gravel | | - | 0.0 |
| | KO-M | 0.3- | 1.0 | | - | IVIL | | | 1-3 3 | andy Siit, | Dark Gree | n, mois | st, coai | | - | |
| 2 | K6-B | 1.5- | 2.0' | | | | | | | | | | | | | 0.0 |
| | ├ ── | | | | \dashv | 0).4 | | _ | | | . 17 11 | | | | - | |
| | ├ | | | | \dashv | SM | | ÷ | -4' San | id with sill | t, Yellow C | live G | reen, wet | | - | |
| 4 | K6-C | 4-4 | 1.5' | | | | • | | | End (| of Explorat | ion | | | - | |
| 4 | 3 SM 3-4' Sand with silt, Yellow Olive Green, wet 4 K6-C 4-4.5' End of Exploration | | | | | | | | | | | | | | | |
| 5 | 3 SM 3-4' Sand with silt, Yellow Olive Green, wet 4 K6-C 4-4.5' End of Exploration | | | | | | | | | | | | | | | |
| | 1 | | | | _ | | | | | | | | | | ⊢ | |
| 6 | | | | _ | 4 | | | | | | | | | | | |
| 7 | \vdash | | | | \dashv | | | | | | | | | | - | |
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| 13 | \vdash | | | | T | · | | | | | | | | | | |
| 14 | +- | - | | | + | | | | | | | | | | ⊢ | |
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| 15 | 1 | | | | _ | | | | | | | | | | F | |
| 16 | + | | | | + | | | | | | | | | | - | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFAC | E ELEVA | TION: | | | | |
| TEMPORA | RY WEI | LL INST | FALLE | D: | No | | | | | START I | DATE: | | 10/25/200 | 7 | | |
| RISER FRO | | NA | TO: | NA SCREE | | OM: | NA | TO: NA | | END DA | | 10/ | 25/2007 | | | |
| NOTES: | | | | <u> </u> | | | | | | | | | 1 | | | _ |
| PID me Depths | asuremer measured t applicat | i from g | | n 6" intervals urface | | | | | | | | | | | | |

| | | | | | | | | | BORING NUMI | DED. |
|-------------------------------|--------------|---------|------|--------------------------|----------|------|------------------|---|------------------------------------|------------|
| | | | | В | ORING I | LOC | } | | BOKING NUMI | P28-TP-1 |
| | | | | IENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| IN | NERA | STR | KUC | TURE | LOCAT | ION: | Charles Woods Ar | ea, FTMM, NJ | | |
| | | | | | CONTR | ACTO | OR: TVS | | DRILLER: Frank A FIELD REP: R. McC | |
| | | | | SAMPLER | CASING | Γ, | ORE BARREL | DEL | TH OF GROUNDWATER | |
| | ГҮРЕ | | | robe MастоCore | CASING | | | DATE 12/04/07' | THOF GROUNDWATER | |
| HAMM | ZE (ID) | CUT | ļ | 2" NA | | | | Groundwater Depth (feet): | 7.0' | |
| | MER FA | | | NA NA | | | | Groundwater Deptir (leet). | 7.0 | |
| | | | 1PLE | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC Syn | ıbol | | DESCRIPTION OF MA | TERIALS | PID ppm |
| 0 | - | | | NA | sw | | 0.5 | 0-0.5' topsoil 2.5' Sand with gravel, Ligh | | 0.0 |
| 1 | | | | | 3₩ | | 0.3- | 2.5 Sant with graver, Ligi | it Brown, mile sin | 0.0 |
| 2 | | | | | | | | | | 0.0 |
| | | | | - | GW | | | 2.5-4' Gravel | | 0.0 |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 44 | | | | NA | GW | | | 4-6.5' Gravel | | 0.0 |
| 5 | | | | | - | | | | | |
| | | | | | | | | | | |
| 6 | | | | | sw | | 6.5-7' Sa | nd, Yellow Brown/Green, I | ittle silt, trace clay, wet | |
| 7 | TP-1 | 6.5- | 7.0' | | | | | End of Explorat | ion | |
| 8 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | • | |
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| 14 | | | | | | | | | | |
| 15 | <u> </u> | | | | | | | | | |
| 16 | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | SURFACE ELEVA | TION: | |
| TEMPORA | | | | _ | No | | | START DATE: | 12/4/2007 | |
| RISER FRO | | NA | TO: | NA SCREET | | NA | TO: NA | END DATE: | 12/4/2007 | |
| NOTES: | | - | | | | | | 1 | | |
| PID mea Depths i NA=not | neasured | from gr | | a 6" intervals urface | | | | | | |

| | | | | | ВО | RING I | OG | | | | | | | I | BORIN | G NUM | BER: | ТР-2 |
|-----------------|--|----------|-------|-----------------------|---------|---------|------|-----------|---------|--------|-------------|-----------|----------|----------|--------------|----------|-----------|------------|
| SHAV | ENV | TRO | NM | ENTA | L & | PROJEC | CT: | US Army | BRAC 2 | 2005 | Site Inves | tigation | | J | OB NUM | BER: | 124 | |
| \mathbf{I} | VFRA | STR | UC' | FURE | | LOCAT | ION: | Charles W | oods Aı | rea, F | TMM, NJ | ſ | | C | LIENT: | USACE | i | |
| | | | | | | CONTR | | | _ | | | | | Ē | RILLER | : Frank | Accorsi | |
| | | | | | | CONTR | ACTO | OR: TV | S | | | | | F | TELD RE | P: R. Mc | Cormick | |
| | | | | SAMPLER | | CASING | C | ORE BARR | EL | | | | DEPTH | OF | GROUNI | WATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroC 2" | ore | | | | | DA? | re 12/0 | 4/07' | | 1 | | - | | [|
| | ER WEIG | нт | | NA NA | | | | | | Gro | undwater l | Depth (f | eet): | | | 6.0' | | |
| HAM | MER FAL | | L | NA | _ | | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Syn | bol | | | DES | SCRIPTIO | ON OF | MATEF | RIAL | s | | | PID ppm |
| 0 | | | | NA | | | | | | | |)-0.5' to | | | | | | |
| 1 | | | | | | SW | | | | 0.5 | 5-4' Sand, | Yellow | Brown, | little : | silt | | | 0.0 |
| 2 | | | | | | - | | | | | | | | | | | | 0.0 |
| 3 . | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | - | | | | | | | | | | - | |
| 4 | | | | NA | | SW | | | | | 4.5' Sand, | | | | | | | 0.0 |
| 5 | TP-2-A | 4.5- | 5.0' | | | sw | | | 4.5-6' | Sand | i, Light G | rey/Yell | ow Brov | vn, lit | tle silt, we | :t | - | |
| 6 | TP-2-B | 5.5- | 6.0' | | | | | | | | End | l of Exp | loration | | | | | |
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| 12 12 | | | | | | | | | | | | | | | | | $-\Gamma$ | |
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| 15 | | | | | | | | | | | | | | | | | E | |
| 16 | - | | | | - | | | | | | | | | | | | \vdash | |
| DRILLING | RIG TYP | E: | Tn | ıck-mounted | Geoprol | be Rig | a) | | | | SURFA | CE ELI | EVATIO | N: | | | • | |
| TEMPORA | RY WELI | . INST | ALLED | : | No | , | | | | | START | DATE | | | 12/4/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SC | REEN F | ROM: | NA | TO: | NA | | END D | ATĖ: | | 12/ | 4/2007 | | | |
| NOTES: | | | | | - | | | | | | | - | | T | | | | |
| Depths | asurement measured : t applicabl | from gre | | 6" intervals rface | | | | | | | | | | | | | | , |

| " | | | | E | ORING | LOC | | | | BORIN | G NUMBE | R: P28-TP-3 |
|-----------------|-----------------|--------------|------|--------------------------|----------|-------|-----------------|------------------------|------------------|-------------------|--------------|----------------|
| SHAW | EN | VTRC | NV | IENTAL & | PROJI | ECT: | US Anny BRAC | 2005 Site Investi | gation | JOB NUM | | 124976 |
| | | | | TURE | LOCA | TION: | Charles Woods A | rea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER | Frank Acc | orsi |
| | | | | | | | | | | FIELD RE | P: R. McCorr | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/04/ | <u>'07'</u> | | <u> </u> | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 7.0' | <u> </u> |
| HAM! | MER FA | | IPLE | NA | | | | | | | | _ |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTIO | | UALS | | PID ppm |
| 0 | | | | NA NA | sw | , | 0.5 | 0- 2.5' Sand with g | 0.5' topsoil | num little silt | | 0.0 |
| 1 | | | | | 311 | | 0.5- | L.J Dana willi g | iuvoi , Light Di | own, muc sitt | | 0.0 |
| 2 | | | | | | | | | | | | 0.0 |
| 3 | | | | | GW | | | 2. | 5-4' Gravel | | | |
| 4 | | | | _ | | | | | | | | |
| 4 | <u> </u> | | | NA | GW | , . | | 4- | 6.5' Gravel | | | 0.0 |
| 5 | | | | | | | | | | | | |
| | | | | | | | | | | • | | |
| 6 . | | | | | SW | , | 6 5-7' Sa | nd, Yellow Brov | vn/Green little | silt_trace_clay : | wet | |
| 7 | TP-3 | 6.5-7 | 7.0' | | | | 0.0 . 0 | | of Exploration | , ,, | | |
| 8 | | - | | | | | | | | | | |
| 8 | <u> </u> | | | | | | | | | | | ļ |
| 9 | | | | | | | | | | | | |
| 10 | | | | <u> </u> | - | | | | | | | |
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| 11 | ļ, — | | | | | | | | | | | <u> </u> |
| 12 | <u> </u> | | | | | | | | | | | |
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| 13 | - | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | |
| DRILLING | RIG TV | PE. | T∽ | uck-mounted Geoj | rohe Rig | | | SIREAC | E ELEVATIO | N· | | |
| TEMPORA | | | | | No | | | START I | | 12/4/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | END DA | | 12/4/2007 | | |
| NOTES: | | | | | | | | | | -1 | - | |
| | neasured | from gre | | n 6" intervals urface | | | | | | | | |

| | | | | | В | OF | ING I | ωG | - | | | BORIN | G NUMBI | ER: P28-TP-4 |
|-----------------|--|--------------|---------|----------|----------|--|-------------------|-----------|------------------|------------------|-------------------|-----------|-------------|-----------------|
| SHAW | V EN | /IRC | | ENT | TAL & | <u>. </u> | PROJEC | CT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUM | IBER: | 124976 |
| | VFRA | | | | | | LOCAT | ION. | Charles Was 4- 4 | PTM (1 / NI | | CLIENT: | USACE | |
| | | | | | | | LOCAT | IUN: | Charles Woods A | rea, r i MM, NJ | | <u> </u> | | |
| | | | | | | | CONTR | A CTO | R: TVS | | | DRILLER | t: Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | , 1V3 | | • | FIELD RI | EP: R. McCo | mick |
| | | | | SAMPL | | С | ASING | С | ORE BARREL |] | DEPTH | OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geop | | croCore | | _ | | | DATE 12/05 | 5/07' | | | |
| | ER WEIC | НТ | ┼ | 2" NA | | | | | | Groundwater I | Denth (feet): | | 5.0' | |
| | MER FAI | | | NA | | | | | | | 1 | | | |
| | | | MPLE | | | | | | - | | | | | |
| DEPTH (feet) | No. | DEI | TH | | REC | | USC Sym | ibol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | | NA | \perp | | | | | 0-0.5' topsoil | | | |
| 1 | | | | | | + | SW | | | 0.5-4' Sand, | Olive Brown, li | ttle silt | | 0.0 |
| | | | | | | + | | - | | | | | | |
| 2 | | | | | | 1 | | | | | | | | 0.0 |
| 3 | ╁ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 | <u> </u> | | | | NA | + | sw | | | 4 51 C 1 OI | ive Brown, little | -:144 | | - |
| - 4 | | | | | NA | 4-5' Sand, Oli | ive Brown, little | siit, wet | | 0.0 | | | | |
| 5 | TP-4-A | 4.5- | 5.0' | | | | | | | End | of Exploration | | | |
| 6 | | | | | | - | | | | | | | | |
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| 12 | <u> </u> | | | | | + | | | | | | | | |
| 13 | | | | | | 4 | | | | | | | | |
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| 15 | - | _ | | | | | | | | | | | | |
| 16 | | | | | | \exists | | | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mou | nted Geo | probe | e Rig | | | SURFA | CE ELEVATIO | N: | | • |
| TEMPORA | | | | | | No | - | | | Į. | DATE: | 12/5/2007 | 7 | |
| RISER FRO | | NA | TO: | | SCREE | | OM: | NA | TO: NA | END D | | 12/5/2007 | | |
| NOTES: | | | | | | | | | | | | 1 | | |
| | | | | | | | | | | | | | | |
| | asurement | | | | vals | | | | | | | | | |
| | measured : applicabl | | ouna su | race | | | | | | | | | | |
| | ,, | | | | | | | | | | | | | |

| | | | | - | , B | OI | RING I | ωG | | | | | BORIN | G NUMB | ER: P28-TP-5 |
|-----------------|------------------------------------|---------|-------|----------|---------------|--------------|---------|------|-----------|---------|----------------|----------------|------------|-------------|-----------------|
| SHAW | 7 TOWN | 700.0 | | TEN! | CAT 6 | >_ | PROJEC | CT: | US Army | BRAC 2 | 005 Site Inves | tigation | JOB NUM | IBER: | 124976 |
| | NFRA | | | | | × | | | | | | | CLIENT: | USACE | |
| 11 | NI INA | 7211 | XUC. | IUK | JC: | | LOCAT | ION: | Charles W | oods Ar | ea, FTMM, N. | | | | |
| | | | | | | | | | _ | _ | | | DRILLEI | R: Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | R: TV: | 3 | | | FIELD R | EP: R. McCo | rmick |
| · | | | | | | _ | 1 | | | | | | | | |
| | TYPE | | | SAMPL | ER croCore | | ASING | | ORE BARR | EL | DATE 12/0 | | OF GROUN | DWATER | 1 |
| SI | ZE (ID) | | June | 2" | CIOCOIC | | | | | | | | | | |
| | ER WEIG MER FAI | | | NA NA | | | | | | | Groundwater 1 | Depth (feet): | | 6.5' | |
| 117101 | MEKTAI | | MPLÉ | - MA | | | | | | | | · | | | |
| DEPTH (feet) | No. | | PTH | | REC | | USC Sym | bol | | | DESCRIPTION | ON OF MATE | RIALS | | PID ppm |
| 0 | | | | | NA | \neg | | | | | | 0-0.5' topsoil | | | |
| 1 | | | | | | \pm | SW | | | | 0.5-2' Sand, | Orange Brown, | nttle silt | | 0.0 |
| 2 | | | | | | | GW | | | | | 2-4' Gravel | | | 0.0 |
| | ļ | | | | | 7 | | | | | | | | | |
| 3 4 | | | | | | | | | | | | | | | |
| 3 4 | | | | | | | | | | | | | | 0.0 | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | + | | | | | | | | | |
| 6 | TP-5-A | 6 | 6.5' | | | \dashv | | | | | Enc | of Exploration | | | |
| 7 | 111-3-X | | 0.5 | | | 1 | | | | | Enc | of Exploration | | | |
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| 15 | | | | | | _ | | | | | | | | | |
| 16 | | | | | | \perp | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | uck-mou | inted Geoj | prob | e Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLED | : | | No | | | | | START | DATE: | 12/5/2007 | 7 | |
| RISER FRO | M: | NA | TO: | NA | SCREE | N FR | ROM: | NA | TO: | NA | END D | ATE: | 12/5/2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths r | asurement measured applicabl | from gr | | | vals | | | | | | | | | | |

| | | | - |) | BOF | RING I | LOG | | | _ | BORING I | | R: 28-SB-1 |
|-------------------------------|--|------------|------------|--------------------------|-----------|----------------------------------|------|---------------|-------------|--|-----------------------|-------------|---------------|
| SHAW | TENT | лрс | NIV | ŒNTAL | R, | PROJEC | CT: | US Army BRA | C 20 | 05 Site Investigation | JOB NUMBE | | 124976 |
| | | | | TURE | SC. | | | | | | CLIENT: | USACE | |
| ш | IFKA | ится | UC | IUKE | | LOCAT | ION: | Charles Woods | Area | a, FTMM, NJ | | | |
| | | | | | | l | | | | | DRILLER: | Frank Accor | rsi |
| | | | | | | CONTR | ACTO | R: TVS | | | l . | | |
| | | | | | | | | | | | FIELD REP: | R. McCorm | ick |
| | | | | SAMPLER | C. | ASING | С | ORE BARREL | \perp | | F GROUNDW | ATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | - | | | | — <u>□</u> | DATE 12/05/07' | | | |
| HAMMI | | GHT | | NA | | | | | | Groundwater Depth (feet): | 5 | .0' | |
| HAMN | MER FAI | | | NA | | | | - | | | | | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | \neg | USC Sym | hol | | n | DESCRIPTION OF MATERIA | ALS | | PID |
| (feet) | | | | | 4 | | | | | | | | ppm |
| 0 | 1-A | 0-0 | 5' | 100% | + | SM SW | | 0.5 | -4' S | 0-0.5' Silt, Brown, little san and, Orange Yellow Brown/Tar | | | 0.0 |
| 1 | | | | | | | | - | | ,g | , g | | |
| 2 | 1-B | 1.5-2 | 2.0' | | - | | | | | | | | |
| | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | 丁 | SW 4.8' Sand Orange Vellow Bro | | | | | wn/Tan, little silt 0 | | |
| 4 | | | | 100% | | SW 4-8' Sand, Orange Yellow Brow | | | | | n, little silt | | 0.0 |
| 5 | 1-C | 4.5- | 5.0' | | | | | | | wet | | | |
| 6 | <u> </u> | | | | + | | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | | | | | + | | | | | | | | |
| - 8 | | | | | | | | | | End of Exploration | | | |
| 8 | | - | | | + | | | | | | | | <u> </u> |
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| 14 | | | | | \perp | | | | | | | | |
| 15 | | | | | 4 | | | | | | | | |
| | | | | | \exists | | | | | | | | |
| 16 | <u> </u> | 1 | | | | |] | | | | | | <u> </u> |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFACE ELEVATION: | | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: | No | | | | | START DATE: | 12/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCRE | EN FR | OM: | NA | TO: NA | | END DATE: | 12/5/2007 | | |
| NOTES: | | | | | | | | | | _! | | | - |
| PID mez Depths r NA=not | neasured | l from gr | | n 6" intervals urface | | | | | | | | | ; |

| | | | | В | ORING | LOG | | | BORING NUM | BER: P28-SB-2 | | |
|-----------------|------------------------------------|---------|------------|------------------------|----------|--------------------|-----------------|---|--------------------|------------------|--|--|
| | | | | ENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 | | |
| II | NFRA | ASTR | RUC | TURE | LOCAT | ION: | Charles Woods A | rea, FTMM, NJ | CLIENT: USACE | | | |
| | | | | | CONTR | RACTO | OR: TVS | | DRILLER: Frank | Accorsi | | |
| | | | | | | | | | FIELD REP: R. Mcc | Cormick | | |
| | | | | SAMPLER | CASING | | CORE BARREL | | PTH OF GROUNDWATER | | | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | ├ | | DATE 12/05/07' | | | | |
| HAMM | IER WEI | | | NA | | | | Groundwater Depth (feet) |): 5.0' | | | |
| HAM | MER FA | | <u> </u> | NA | | <u> </u> | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION OF MA | ATERIALS | PID ppm | | |
| 0 | Ī | | | 100% | SM | | | 0-0.5' Silt, Brown, l | | | | |
| 1 | 2-A | 0-0 | .5' | | SW | | | 0.5-2' Sand, Yellow I | Brown/Tan | 0.0 | | |
| 2 | 2-B | 1.5-2 | 2.0' | | SM | | | 2-4' Sand with silt, Br | own, moist | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | 100% | SW | | | 4-8' Sand, Yellow Orange | /Yellow Green | 0.0 | | |
| 5 | 2-C | 4.5-: | 5.0' | | _ | | | wet | | | | |
| 6 | | | | | | | | ,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u> | | | | |
| 7 | | | | | | | | | | | | |
| 8 | + | | | | | End of Exploration | | | | | | |
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| 12 | \pm | | | | | | | | | | | |
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| 15 | <u> </u> | | | - | | | | | | | | |
| 16 | 1 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFACE ELEVA | ATION: | | | |
| TEMPORA | RY WEI | L INST | ALLEI |): | Yes | | | START DATE: | 12/5/2007 | | | |
| RISER FRO | OM: | NA | то: | NA SCREEN | FROM: | 2.5 | ' TO: 7.5' | END DATE: | 12/5/2007 | | | |
| NOTES: | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | from gr | | 6" intervals arface | | | | | | | | |

| | | | | В | ORING I | OG | ; | | | BORING NUMBE | R: P28-SB-3 |
|-----------------|------------------------------------|---------|------|--------------------------|-----------|------|------------------|----------------|---------------------|---------------------|----------------|
| SHAW | EN | ЛRC | NM | ŒNTAL & | PROJEC | CT: | US Army BRAC 2 | 005 Site Inve | estigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | CLIENT: USACE | |
| | | | | | LOCAT | ION: | Charles Woods Ar | ea, FTMM, N | 1] | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Acco | orsi |
| | | • | | | | | | | | FIELD REP: R. McCom | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/ | 05/07' | | |
| | ER WEIG | | | NA NA | | | | Groundwater | Depth (feet): | 5.5' | |
| | | SAN | IPLE | • | | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Syn | bol | | | ION OF MATE | | PID ppm |
| 0 | 3-A | 0-0. | .5' | 100% | SM | | | 0-1' S | ilt with sand, Bro | wn | 0.0 |
| 1 | | | | | SP | | | 1-3' Sand | l, Olive Green, lit | tle silt | |
| 2 | 3-B | 1.5-2 | 2.0' | | | | | | | | |
| 3 | | | | | SM | | | 3-4' Clay | and Sand, Olive | Green | |
| 4 | | | | | | | | | | | - |
| 4 | | | | 100% | SM | | | 4-6' Clay an | d Sand, Olive Gro | eeen, wet | 0.0 |
| 5 | 2.0 | | ć) | | | | | | | | |
| 6 | 3-C | 5-5. | .5 | | św | | 6-7' San | d, Dark Grey | Orange/Yellow E | Brown, trace gravel | |
| 7 | <u> </u> | | | | OL | | 1 | -8' Silt and C | organics and Clay | , Black, wet | |
| 8 | | | | | | | | | End of Explorati | on | |
| _8 | | | | | ļ | | | | | | |
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| 10 | | | | | <u> </u> | | | | | | |
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| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURF. | ACE ELEVATIO | N: | - |
| TEMPORA | | | | | Yes | | | 1 | T DATE: | 12/5/2007 | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | 3' | TO: 8' | END I | DATE: | 12/5/2007 | |
| NOTES: | | | | <u> </u> | | | | _! | | | |
| Depths i | asuremen measured : applicab | from gr | | a 6" intervals urface | | | | | | | |

| | | | - | В | ORING I | LOG | | | BORING NUM | BER: P49-SB-1 | | | |
|-----------------|-----------------|--------------|------|--------------------------|-----------------|-------------|-----------------------------|--------------------------------|------------------------------|------------------|--|--|--|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC 2 | ea, FTMM, NJ | JOB NUMBER: CLIENT: USACE | 124976 | | | |
| | | | | | CONTR | . CTO | R: TVS | | DRILLER: Frank | Accorsi | | | |
| | | | | | CONTR | ACIO | K: IVS | | FIELD REP: R. Mc | Cormick | | | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | OF GROUNDWATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/06/07' | | | | | |
| HAMM | | | | NA NA | | | | Groundwater Depth (feet): | 6.0' | | | | |
| намі | WEK FA | | IPLE | NA I | | | | L | L | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sym | ibol | | DESCRIPTION OF MATER | | PID ppm | | | |
| 0 | 1-A | 0-0. | 51 | 100% | SP | - | 0-2 | Sand, Olive Brown Green, litt | tle gravel, silt | 0.0 | | | |
| 1 | 1-A | 0-0. | | | | | | | | 0.0 | | | |
| 2 | 1-B | 1.5-2 | 2.0' | - | ML | | | 2-3.5' Silt, Dark Grey Gr | reen | | | | |
| 3 | | | | | GW | = | | 3.5-4' Gravel | | | | | |
| 4 | | | | 100% | SP | | 4-6' Sand, Orange Brown, li | | - 00 | | | | |
| 4 | | ittie siit | 0.0 | | | | | | | | | | |
| 5 | | - | | | - | | | - | | | | | |
| 6 | 1-C | 5.5-0 | 5.0' | | SM | | 6-8' Sa | nd with clay, Light Orange/Tar | n/Dark Grey, wet | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | - | | | - | | | | End of Explorati | on | | | | |
| | | | | | | | | | | | | | |
| 9 | | - | | | | | | | | - | | | |
| 10 | | | | | | | | | | | | | |
| 11 | - | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | + | \dashv | | | | - | | | |
| 13 | | | | | | = | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | _ | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | SURFACE ELEVATIO | N: | J | | | |
| TEMPORA | | | | • | Yes | | | START DATE: | 12/6/2007 | | | | |
| RISER FRO | | NA | то: | NA SCREEN | I FROM: | 5' | TO: 10' | END DATE: | 12/6/2007 | | | | |
| NOTES: | | | | | | | | <u> </u> | | | | | |
| | neasured | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | F | BORE | NG I | <u>.oc</u> | | <u> </u> | | BORING | | R: P49-SB-2 |
|-----------------|--|----------------|--------------|----------------------------|----------------|---------------------------------------|------------|------------------|------------------|--------------------|-----------------------|-----------|----------------|
| CHAW | J TENT | итре | | TENTAL & | P) | ROJEC | CT: | US Army BRAC 2 | 2005 Site Invest | tigation | JOB NUMB | | 124976 |
| | | | | TURE | - 1 | OCAT! | ION: | Charles Woods Ar | ea, FTMM, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | C | ONTR | ACTO | OR: TVS | | | FIELD REP | | |
| | | | Π, | SAMPLER | CASI | ING | | CORE BARREL | | DEPTH (| I OF GROUND | VATER | |
| | TYPE | | | robe MacroCore | | | | | DATE 12/07. | | | | |
| | ZE (ID) ER WEIG | GHT | | 2" NA | | | <u> </u> | | Groundwater E | Depth (feet): | | 9.5' | + |
| | MER FA | LL | | NA | | | | | | | | | |
| DEPTH (feet) | No. | SAM DEP | MPLE PTH | REC | US | SC Sym | ıbol | | DESCRIPTIO | ON OF MATERI | IALS | | PID ppm |
| 0 | | | | 100% | 二 | | | | | -0.5' asphalt | | | |
| 1 | 2-A | 0.5- | 1.0' | | # | SP | | | 0.5-4' Sand, C | Orange Brown, li | ttle silt | | 0.0 |
| 2 | 2-B | 1.5-3 | 2.0' | | # | | _ | <u> </u> | | | | | |
| 3 | | <u> </u> | | | \mp | | | | | | | | |
| 4 | ‡ | | | 1000/ | 丰 | | _ | | 100.10 | th | | | 20 |
| 4 | | | | 100% | | SP | _ | | 4-6 Sanu, O | Orange Brown, litt | le sut | | 0.0 |
| 5 | | \vdash | | | $\overline{+}$ | | | -[| | | | | |
| 6 | # | | | | 二二 | SM | | 6-8' | Sand with clay, | , Light Orange/Ta | an/Dark Grey | | |
| 7 | | | | | \pm | | | | | | | | |
| 8 | - | | | | \mp | | | | | | | | |
| 8 | + | = | | | 丰 | SM 8-9.5' Sand with clay, Light Orang | | | | | Dark Grey, we | et | 0.0 |
| 9 | 1 | 1 | | | 丰 | - Ch | | _ | 0 5 101 Cand D | S. S. Can little | tte marine | | |
| 10 | 2-C | | 9.5' | | 士 | SP | | 1 | 9.5-12 Sand, D | ark Green, mue a | ı, little silt, moist | | |
| 11 | \vdash | | | | + | | | - | | | | | |
| | 1 | 1 | | | | | _ | _ | End | of Gunlamtian | | | |
| 12 | | | | | \pm | | _ | | Enu | l of Exploration | | | |
| 13 | | - - | | | | | | - | | | | | |
| | | | | | 丰 | | | 1 | | | | | |
| 14 | 1 | \vdash | | | | | | - | | | | | |
| 15 | \blacksquare | = | | | | | | - | | | | | |
| 16 | | | | | 士 | | | <u>1</u> | | | | | |
| DRILLING | ; RIG TY | PE: | Tr | ruck-mounted Geo | probe Ri | ig | | • | SURFA | CE ELEVATION | 1: | | |
| TEMPORA | RY WE | LL INST | 'ALLE | D: | Yes | | | | START | DATE: | 12/7/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM | 4 : | 1 | 9' TO: 14' | END DA | ATE: | 12/7/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | easuremen measured ot applical | d from g | | in 6" intervals surface | | | | | | | | | |

| | | | | В | ORING | LOC | } | | | BORIN | G NUMBI | |
|-----------|------------------------------------|--------------|------------|--------------------------|---------------|------|---------------------------------|-----------------|-----------------------------------|----------------------------------|---------|-------------|
| | | | | IENTAL & | PROJECT LOCAT | ION: | US Army BRAC : Charles Woods Ai | | igation | JOB NUM CLIENT: DRILLER FIELD RE | USACE | |
| | | | | SAMPLER | CASING | | ORE BARREL | | DEPTH | OF GROUNI | OWATER | |
| | TYPE | | Geop | robe MacroCore | | | | DATE 12/07 | /07' | | ļ | _ |
| | IZE (ID) IER WEI | GHT | | 2" NA | | _ | | Groundwater D | Pepth (feet): | | 4.0' . | |
| | MER FA | LL | | NA | | | *** | | | | | |
| DEPTH | No. | SAM DEP | PLE | REC | USC Syn | nhal | | DESCRIPTIO | N OF MATER | IAT C | | PID |
| (feet) | 110. | DEF | ın | | USC Syl | 1001 | | | | | | ppm |
| 0 | 2 4 | 0-0. | <i>c</i> 1 | 100% | SM SP/CI | | | | , Brown, little sa | | | |
| 1 | 3-A | 0-0. | 3 | | SP/CI | | | 0.5-1.5 Sand an | d Silty Clay, Oli | ve Green | | 0.0 |
| | | | | | CL | | | 1.5-3.5' | Clay, Olive Gree | n | | |
| 2 | 3-B | 1.5-2 | 2.0' | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | 3-C | 3.5-4 | | | CL | | 3.5-4 | | nge Yellow/Oliv of Exploration | e Green, mois | t | |
| 4 | 13-0 | 3.3-4 | r.U | | | | | Eliu | or exploration | | | |
| | ļ | | | | | | | | | | | |
| 5 | - | | | | - | | | | | | | |
| 6 | | | | - | | | | | | | | |
| 7 | 1 | | | - | | | • | | | | | |
| | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 8 | | 1 | - | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 11 | - | | | <u> </u> | - | | | | | | | |
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| 13 | +- | | | | | | | | | | | |
| | | | | | | | ļ | | | | | |
| 14 | +- | | | | | | | | | | | |
| _ 15 | | | | | | | ł | | | | | |
| 16 | + | - | | | | | | _ | | | | <u> </u> |
| | DIC TO | pr. | | vale manue - 3 C | maha Pi- | | <u> </u> | LOUDEAC | DE EL EVATION | T. | | |
| DRILLING | | | | ick-mounted Geop | _ | | | | CE ELEVATION | | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: | No | | | START | DATE: | 12/7/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | N FROM: | N | IA TO: NA | END DA | TE: | 12/7/2007 | | |
| NOTES: | | | | | | | - | | | | | |
| Depths | asuremer measured t applicat | l from gr | | ı 6" intervals urface | | | | | | | | |

| • | | · | | В | ORING | LO | G | | | BORING NUMBI | ER: P49-SB-4 | | |
|----------------------|----------------|----------|--------------|--------------------------|---------------|----------|--------------------|------------------|------------------------------------|------------------------|-----------------|--|--|
| CTTAW | ENIX | лрс | NTN/ | ENTAL & | PROJ | ECT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUMBER: | 124976 | | |
| | | | | TURE | * | | | | | CLIENT: USACE | | | |
| AL. | | | | ICKE | LOCA | TION | : Charles Woods A | ea, FTMM, NJ | | | | | |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER: Frank Acc | orsi | | |
| | | | | | COM | IACI | OK. 173 | | | FIELD REP: R. McCor | mick | | |
| | | | | SAMPLER | CASING | | CORE BARREL | _ | | OF GROUNDWATER | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | + | | DATE 12/07 | //07' | | | | |
| HAMMI | | | | NA NA | | - | | Groundwater I | Depth (feet): | 8.0' | | | |
| NAWN | ALK PAI | | IPLE | NA . | | | T | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC S | mbol |] | DESCRIPTIO | ON OF MATERI | ALS | PID ppm | | |
| 0 | | | | 100% | SV | vi | 053 | | -0.5' asphalt ravel, Orange Bro | num little eilt | 0.0 | | |
| 1 | 4-A | 0.5-1 | '0.1 | | | <u> </u> | _ | Janu with g | lavei, Olalige Bit | own, nate sit | 0.0 | | |
| 2 | 4-B | 1.5-2 | 2.0' | | | | - | | | | | | |
| 3 | | | = | | S |) | 2 | 2.5-4' Sand, Yel | low Olive Brown | , little silt | | | |
| | | | | | | | 1 | | | | | | |
| 4 | | | | 100% | S | • | 4 | I-6.5' Sand, Yel | low Olive Brown | , little silt | 0.0 | | |
| 5 | | | | | | | - | | | | | | |
| | | | | | | | | | | | | | |
| 66 | | | | | CL/ | SP | 6.5-8' | Silty Clay and s | and, Olive Brown | /Yellow, moist | | | |
| 7 | | | | | | | _ | | | | | | |
| 8 | 4-C | 8-8 | .5' | | | | End of Exploration | | | | | | |
| 8 . | | | | | | | | | | | | | |
| 9 | | | | | - | | -[| | | | | | |
| 10 | | | | | | • | | | | | | | |
| 11 | | | | | | | _ | | | | | | |
| 12 | | | | | - | | - | | | | | | |
| 12 | | | | | - | | - | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | _ | | | | | | |
| 15 | | | | | | | - | | | | | | |
| 16 | | ļ | | | | | - | | | | | | |
| | ם מינים | DE• | т- | ack mounted G | aroba Pir | | | l gimess | CE EI EVATION | _ | 1 | | |
| DRILLING TEMPORAL | | | | ick-mounted Geoj | | | | SURFA | CE ELEVATION | | | | |
| RISER FRO | | NA NA | ALLEI TO: | NA SCREE | No N FROM: | | NA TO: NA | END DA | | 12/7/2007 12/7/2007 | İ | | |
| NOTES: | | | | | | | | | | | | | |
| | neasured | from gr | | n 6" intervals urface | | | · | | | | | | |

| | | | | В | ORING | LOG | | | , | BORING | S NUMBI | | |
|-----------|------------------------------------|------------|------|---------------------------|---------|------|--|---|---------------------------|------------------|-----------|--------------------|--|
| | | | | IENTAL & | PROJE | CT: | US Army BRAC | 2005 S | ite Investigation | JOB NUM | BER: | P49-SB-5 124976 | |
| II | NFRA | STR | UC | TURE | LOCAT | ION: | Charles Woods An | rea, FT | MM, NJ | CLIENT: | USACE | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | Frank Acc | | |
| | | | | ı | | | | | | | | | |
| | TYPE | | | SAMPLER robe MacroCore | CASING | _ | CORE BARREL | DAT | | OF GROUND | WATER | | |
| SI | ZE (ID) | 2117 | | 2" | | | | | | | (5) | | |
| | ER WEIG | | | NA NA | | | | Grou | dwater Depth (feet): | | 6.5' | | |
| DEPTH | No. | SAM DEP | IPLE | REC | USC Syn | shal | | DESC | CRIPTION OF MATERI | AT C | | PID | |
| (feet) | NO. | DEP | ın | | | | | | | | | ppm | |
| 0 | 5-A | 0-0. | .5' | 100% | SP/GV | V | | 0-2 | Sand and Gravel, Olive B | rown | | 0.0 | |
| 1 | | | | | | | | | | | | | |
| 2 | 5-B | 1.5-2 | 2.0' | | sw | | 2-4' 5 | Sand, (| Olive Green/Dark Grey Ora | nge, little silt | | <u> </u> | |
| 3 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | 1 | | | 100% | sw | | 4-6' 5 | Sand. (| Drange Yellow/Dark Grey, | little silt, wet | | 0.0 | |
| | | | | | | | | . , | g | | | | |
| 5 | 1 | | | | | | | | | | | | |
| 6 | 5-C | 6-6. | 51 | | SP | | 6-8' Sand, Dark Grey, little silt, wet wet | | | | | | |
| 7 | 3-C | 6-0. | .5 | | | | | | | | | | |
| 8 | - | | | | | - | | | End of Exploration | | | | |
| 8 | | | | | | | | • | Die of Disployment | | | | |
| 9 | + | | | | 1 | | | | | | | | |
| 10 | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| 15 | | | | | + | | | | | | | | |
| | | | | | | | | | | | | | |
| ·16 | L | DE. | | | | | | | CLIDEA OF PARTY | | | 1 | |
| DRILLING | | | | ick-mounted Geop | - | | | | SURFACE ELEVATION | | | | |
| TEMPORA | | | | | No | | | | START DATE: | 12/7/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | N FROM: | N | A TO: NA | | END DATE: | 12/7/2007 | | | |
| NOTES: | | | • | | | | | | | | _ | | |
| Depths | asuremen measured t applicab | from gr | | 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | LOG | ļ | | BORING NUMBE | R: P49-SB-6 | | | |
|-----------------|------------------------------------|---------|-------|--------------------------|----------|--|------------|-----------------------------|--|----------------|--|--|--|
| | | | | IENTAL & | PROJECT | | - | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 | | | |
| | | | | | CONTR | ACTO | R: TVS | , | DRILLER: Frank Acc FIELD REP: R. McCorn | | | | |
| | | | | SAMPLER | CASING | С | ORE BARREL | | TH OF GROUNDWATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/07/07 | | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | 7.0' | | | | |
| HAM | MER FA | | | NA | | <u> </u> | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Sym | ıbol | | DESCRIPTION OF MAT | TERIALS | PID ppm | | | |
| 0 | | | | 100% | | | | 0-0.5' asphalt | | | | | |
| 1 | 6-A | 0.5- | 1.0' | | SW | | | 0.5-2' Sand, Orange Red, | little gravel | 0.0 | | | |
| 2 | 6-B | 1.5-2 | 2.0' | | CL | | | 2-3' Clay, Yellow Oliv | ve Green | | | | |
| 3 | | | | | sw | | i İ | 3-4' Sand, Orange, li | ttle silt | | | | |
| 4 | <u> </u> | | | | - | | | | | | | | |
| 4 | | | | 100% | SM | 4-6.5' Sand with silt, Dark Olive Green Brown, wet | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | \vdash | | | | + | \dashv | | | | | | | |
| | ļ | | | | SM | | | 6.5-8' Silt with sand, Dark | Green, moist | | | | |
| 7 | 6-C | 6.5- | 7.0' | | | wet | | | | | | | |
| 8 | | | | | | End of Exploration | | | | | | | |
| 8 | | - | | | _ | - | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | ļ | | | | | | | | | | | | |
| 11 | <u> </u> | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | |
| 14 | | | | _ | | | | | | | | | |
| 15 | - | | | | ļ | | | • | | | | | |
| 16 | | | | | | | , | | • | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe Rig | | | SURFACE ELEVA | TION: | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | 12/7/2007 | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | N | A TO: NA | END DATE: | 12/7/2007 | İ | | | |
| NOTES: | | | | | | | | <u>1</u> | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | ВС | ORING L | OG | | | | BORING | G NUMBE | ER: P51-A10 |
|-----------------|--|----------------|-------|------------------|----------|------|----------------|----------------|----------------------|--------------------------|-------------|----------------|
| | W ENV | | | ENTAL & FURE | PROJEC | | US Army BRAC 2 | | gation | JOB NUM CLIENT: DRILLER: | USACE | 124976 |
| | | | | , | CONTR | ACTO | R: TVS | | | | P: K.Gerdes | |
| | | | 1 | SAMPLER | CASING | (| ORE BARREL | | DEPTH (| OF GROUND | WATER | |
| | TYPE | | Geop | robe MacroCore | | | | DATE 11/6/0 | 7' | | <u> </u> | |
| | SIZE (ID) MER WEIC | HT | | 2" NA | | | | Groundwater D | epth (feet): | | 6.0' | |
| | MMER FAI | | | NA | | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | TH . | REC | USC Sym | bol | | DESCRIPTIO | N OF MATERIA | ALS | | PID ppm |
| 0 | - | Ė | | 60% | MLGF | | | 0-2' Sil | t, Brown, little gra | ivel | | |
| | A10-A | 0-0 | .5' | | | | | | _ | | | 0.0 |
| 11 | | - | | | | | | niece | of concrete @ 2' | | | |
| 2 | A10-B | 1.5- | 2.0' | | ML/GI | • | | | Silt with gravel, B | rown | | 0.0 |
| 3 | | | _ | | ML | | | 3-4' C | layey Silt, Black | | | |
| 4 | - | | | | | | | in | cinerator slag | | | |
| 4 | | | | 100% | ML | | | | Clayey Silt, Black | | | 0.0 |
| 5 | 1 | | | | ML | | | 4.5-6' | Silt, Light Brown | | | |
| 6 | A10-C | 5.5- | 6.0' | | ML | | | 6-8' Clay | yey Silt, Green, we | et | | |
| 7 | | | | | | | | | | | | |
| 8 | - | - | | | - | | | of Exploration | | | <u> </u> | |
| 8 | ļ | - | | | | | | | | â | | |
| 9 | | | | | | | | | | | | |
| 10 | <u> </u> | - | | | | | | | | | | - |
| 11 | | - | | | | | | | | | | |
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| 13 | | | | | | | | | | | | |
| 14 | | <u> </u> | | | | | | | | | | |
| 15 | | | | | ļ | | | | | | | |
| 16 | + | | | | <u> </u> | | | | | | | |
| DRILLING | RIG TYPI | E: | Tri | ck-mounted Geopr | obe Rig | | | SURFAC | CE ELEVATION: | | | |
| TEMPORA | ARY WELL | INSTA | LLED: | 3 | l'es | | | START | DATE: | 11/6/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | 5' | TO: 10' | END DA | ATE: | 11/6/2007 | | |
| NOTES: | - | | | - | | | | | | | v | |
| Depths | easurements measured f et applicable | rom grou | | | | | | | | | | |

BORING NUMBER: BORING LOG P51-A11 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K.Gerdes SAMPLER DEPTH OF GROUNDWATER CASING CORE BARREL TYPE Geoprobe MacroCore DATE 11/6/07' SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE DEPTH DEPTH REC USC Symbol DESCRIPTION OF MATERIALS PID 0 75% ML/GP 0-2' Silt with gravel, Brown A11-A 0-0.5' A11-B 1.5-2.0 SP 2-4' Sand, Light brown 0.0 ML 4-5' Silt, Light Brown 0.0 SM 5-7' Silt and Sand, Green A11-C 6-6.5' SM 7-8' Silt and Sand, Dark Green/Black, wet End of Exploration 10 11 12 12 13 14 15 16 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: TEMPORARY WELL INSTALLED: START DATE: 11/6/2007 RISER FROM: NA SCREEN FROM: END DATE: 11/6/2007 NA TO: NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | В | ORING I | OG | | | | BORING NUMB | ER: P51-A12 |
|-----------------|--|----------|------|-----------------|----------------|----------|-------------|---------|------------------------------------|---------------------------|--|
| | V ENV NFRA | | | ENTAL & | PROJE LOCAT | | US Army BRA | | 5 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | _ | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Ac | ľ |
| | | | | SAMPLER | CASING | 0 | ORE BARREL | ┸ | | F GROUNDWATER | |
| | TYPE | • | Geop | robe MacroCore | | - | | D/ | ATE 11/6/07' | | |
| | SIZE (ID) MER WEIG | нт | | 2" NA | | <u> </u> | | Gr | oundwater Depth (feet): | 5.5' | |
| | MER FAL | | | NA | _ | 1 | | | Sunavaler 2 epin (1009) | | |
| | | SAN | 1PLE | | | | | | <u> </u> | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC Syn | nbol | | DI | ESCRIPTION OF MATERIA | als | PID ppm |
| 0 | | | | 100% | GM | | | | 0-1' Silt with sand with gravel | , Brown | |
| 1 | A12-A | 0-0 | .5' | | GM | | | 1 | -2' Silt and Sand with gravel, I | Brown | 0.0 |
| 2 | A12-B | 1.5-2 | 2.0' | | ML | | | 2- | 4' Silt, Grey, little sand, organi | c odor | 0.0 |
| 3 | | | | | | | | | | | |
| | ļ | | | | | | | | | | |
| 4 | | <u> </u> | | 100% | ML | | | | 4-8" Clayey Silt, mottled | | 0.0 |
| | † | | | 10078 | 1411 | | | | 7 o olayey bing memed | | |
| 5 | | | | | | | | | | | |
| 6 | A12-C | 5-5 | .5' | | | | | wet | | | |
| 7 | | | | | | | | | | | |
| | _ | | | | | | | P. J. C | | 1 1 | |
| 8 | | | | | | | | | End of Exploration | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | _ | | | | _ | | | | | | |
| 12 | | | | | + | | | | | | |
| | | | | | | | | | | | |
| 13 | 1 | | | | | | | | | | |
| 14 | 1 - | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | + | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | uck-mounted Geo | probe Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | | | | | Yes | | | | START DATE: | 11/6/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREE | N FROM: | 5' | TO: 1 | 0' | END DATE: | 1/6/2007 | |
| NOTES: | | _ | | | _ | | | _ | | | |
| Depths | easurements measured f et applicable | rom gro | | | | | | | | | |

| | | | | | В | ORI | NG L | OG | - | | | | | | BORIN | G NUMI | BER: P51-B10 |
|-----------------|--|---------|----------|---------------|------------|---------|---------|----------|-----------|--------|-----------|----------|-----------------------|---------|-----------|------------|-----------------|
| SHAV | V ENV | 'IRO | NM | ENT | AL 8 | z I | PROJEC | CT: | US Army | BRAC | 2005 Site | Investi | gation | | JOB NUM | BER: | 124976 |
| 11 | NFRA | STR | UC' | ΓUR | E |] | LOCAT | ION: | Main Post | , FTMM | I, NJ | | | ľ | CLIENT: | USACE | |
| | | | | | | | 00.Nmn | | ~ | | | | | ŀ | DRILLER | Frank A | ccorsi |
| | | | | | | ľ | CONTR | ACTO | R: TVS | 5 | | | | 1 | FIELD RE | P: K.Gerde | es |
| | | | | SAMPL | ER | CAS | SING | C | ORE BARR | EL | | | DEPT | H OF | GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE | 11/6/0 | 7' | | | | |
| HAMN | IER WEIG | нт | | NA. | | | | | | | Ground | water D | epth (feet): | + | | 7.5' | |
| | IMER FAL | L | | NA | | | | | | | | | | | | | |
| DEPEH | INT. | | APLE THE | | 000 | - 1 - | 7000 | | | | DECCE | NIDTIO: | N OF MARK | **** | | | |
| DEPTH (feet) | No. | DEP | TH | | REC | ' | JSC Sym | ibol | | | DESCR | UPTIO. | N OF MATE | RIAI | LS | | PID ppm |
| 0 | ļ | | | | 80% | Д. | | | | | | | -0.5' asphalt | | • | • | |
| 1 | B10-A | 0.5- | 1.0' | | | _ | ML/GI | | | | 0.5-2' | Clayey | Silt and grave | el, Bro | own | | 0.0 |
| 2 | B10-B | 1.5- | 2.0' | | | | ML | | | | | 2-3' Cla | yey Silt, Bro | wŋ | | | 0.0 |
| 3 | | | | | | | CL | | | | | 3-4 | ' Clay, Red | | | | |
| 4 | | | | | 1000/ | + | 10 | _ | | | | 4.01.01 | 0.17 | | | • | |
| 4 | | | | | 100% | | ML | \dashv | | | | 4-8. Cla | yey Silt, mott | led | | | 0.0 |
| 5 | | | | | | + | - | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | - |
| 7 | B10-C | | | | | _ | | | | | | | | | | | |
| 8 | B10-C | 7-7 | ا -د. | | | + | | | | | | End o | wet of Exploration | 1 | | | |
| 8 | | | | | | | | | | | | - | • | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | | | | | | |
| 11 | - | | | | | | | | | | | | | | | | |
| 12 12 | | | | | | - | | | | | | | | | | | |
| 13 | | | | | | - | | | | | | | | | | | |
| 14 | | | | | | - | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | ıck-mou | inted Geor | orobe R | tig | | | | S | URFAC | E ELEVATIO | ON: | | | |
| TEMPORA | | | | | | No | | | | | İ | TART I | | | 11/6/2007 | | |
| RISER FRO | OM: | NA | то: | NA | SCREE | N FRO | M: | NA | TO: | NA | E | ND DA | TE: | 11. | /6/2007 | | |
| NOTES: | | | | | | | | | | | , | | | | | | |
| Depths 1 | asurements measured f t applicable | rom gro | | | als | | | | | | | | | | | | |

| | | | | | В | ORING I | LOG | | • | | BORING | NUMBI | ER: P51-B11 |
|-----------------|---|--------------|--------|---------------|-----------|----------------|-------|--|---------------|-----------------------|-------------------------------------|--------------------|-----------------|
| SHAV | V ENV NFRA | | | | | PROJE LOCAT | rion: | US Army BRAC Main Post, FTMI DR: TVS | | gation | JOB NUMB CLIENT: DRILLER: FIELD REF | USACE Frank Acc | 124976 corsi |
| | | | | SAMPL | | CASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | TYPE | | Geop | robe Ma 2" | croCore | | | | DATE 11/5/0 | 17' | | | _ |
| | SIZE (ID) MER WEIC | HT | +- | NA | | | + | | Groundwater D | epth (feet): | 1 | 7.5' | |
| | IMER FAI | | | NA | | | | | | | | | |
| DEPTH | INTO | | MPLE | - | REC | USC Syr | mbal | | DESCRIPTION | N OF MATER | TATE | | PID |
| DEPTH (feet) | No. | DE | PTH | , | CEC | USC Syl | 11001 | | DESCRIPTION | N OF MAIER | IALS | | ppm |
| 0 | T | | | | 50% | | | | | 0-1' asphalt | | | |
| 1 | | | | | | GW | | | 1-2' Sand | and Gravel, Bro | wn | | 0.0 |
| | B11-A | | 1.5' | | | | | | | | | | |
| 2 | B11-B | 1.5 | -2.0' | | | CL | | | 2-4' Cla | ay with silt, Red | 1 | | 0.0 |
| 3 | | | - | | | <u> </u> | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | ļ . | | | , | 000/ | CL | | | 1.4 | 6' Clay, Red | | | 0.0 |
| 4 | | - | | | 00% | CL. | | | 4-0 | o Ciay, Reu | | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | - | ļ | | - | | ML | | | 6 9! Cla | yey Silt, mottle | a. | | <u> </u> |
| 0 | | | | | | WIL | | | 0-o Cia | iyey siit, mottie | u | | |
| 7 | | | | | | <u> </u> | | | | | | | |
| 8 | BII-C | 7- | 7.5' | | | | | | Fnd (| wet of Exploration | | | |
| 8 | 1 | İ | | | | | | | Liid | OI Exploration | • | | |
| • | | | | | | | | | | | | | |
| 9 | + | <u> </u> | | | | - | | | | | | | <u> </u> |
| 10 | | | | | • | | | | | | | | |
| 11 | 1 | | | | | | | | | | | | ļ |
| | 1 | i | | | | | | 1 | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | + | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| | י פוני דעיי | F. | т_ | nok-mo | nted Con- | araha Dia | | | SIIDEVO | E ELEVATION | ٠ | | |
| DRILLING | | | | | | orobe Rig | | | | | | | |
| TEMPORA | RY WELI | . INSTA | ALLED: | : | | No | | | START I | DATE: | 11/5/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | N FROM: | NA | TO: NA | END DA | TE: | 11/5/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | easurements measured t applicable | from gro | | | als | | | | | | | | |

| | _ | _ | | В | ORING I | LOG | | | | | В | ORIN | G NUMI | BER: P51-B12 |
|-----------------|--|--------------|------------|-----------------------|--------------|-------|-----------------|--------------|-------------|---------------|---------|----------|------------|-----------------|
| SHAV | V ENV | TRO | NM | ENTAL & | PROJE | CT: | US Army BRAC | 2005 Site In | vestigat | tion | 10 | B NUM | BER: | 124976 |
| | | | | TURE | LOCAT | ΓΙΟΝ: | Main Post, FTMM | A, NJ | | | CI | LIENT: | USACE | |
| | | | | | CONTI | RACTO | OR: TVS | | | | ĎF | RILLER | : Frank A | ccorsi |
| | | | | | | | | | | | FI | ELD RE | P: K.Gerde | es |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | DEPTH | I OF G | ROUNE | WATER | |
| | TYPE IZE (ID) | | Geor | orobe MacroCore | | - | | DATE 1 | 1/5/07 | | 1 | | | |
| HAMM | IER WEIG | | | NA | | | | Groundwat | er Dept | th (feet): | | | 5.5' | |
| HAM | MER FAL | | <u> </u> | NA _ | | | | <u> </u> | | - | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DESCRIP | TION | OF MATE | RIALS | | | PID ppm |
| 0 | B12-A | 0-0 | 5' | 95% | SP | | | 0-1 | ' Sand, | Brown, litt | le silt | | | 0.0 |
| 1 | D12-71 | 0-0 | ب | | ML | | | | | own, little c | | | | 0.0 |
| 2 | B12-B | 1.5-2 | ה הי | | | | | 1 | ' asphal | lt fragments | | | | 0.0 |
| | Б12-Б | 1.5-4 | 2.0 | | | | | | | | | | | 0.0 |
| 3 | | | | | <u> </u> | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | <u> </u> | | | 100% | ML | | | 4-8' Sil | t, little : | sand,clay, n | nottled | | | 0.0 |
| 5 | ├ | | | | | | | | | | | | | - |
| | B12-C | 5-5 | .5' | | | | | | , | wet | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 8 | | | | | | | | <u> </u> | End of I | Exploration | | | | |
| | | | | | | | | | | | | | | |
| 9 | | - | | | | | | | | | | | | 1 |
| 10 | | | | | | | | | | | | | | |
| 11 | - | | | | | | | | | | | | | |
| 11 | + | | | | | | | | | | | | | |
| 12 | | | | | | | | ., | | | | | | |
| 12 | | | | | + | | | | | | | | | - |
| 13 | 1 | | | | | | ! | | | | | | | |
| 14 | - | | | | | | ŀ | | | | | | | |
| | | | | | | | • | | | | | | | |
| 15 | ļ <u> </u> | | | | | | | | | | | | | |
| 16 | <u> </u> | | | _ | | | | | | | | | | <u> </u> |
| DRILLING | RIG TYP | E: | Tr | uck-mounted Geo | probe Rig | | | SUR | FACE | ELEVATIO | N: | | | |
| TEMPORA | RY WELL | INSTA | LLED | : | No | | | STA | RT DA | TE: | 1 | 1/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END | DATE | i: | 11/5/ | /2007 | | |
| NOTES: | | | | | | | | <u> </u> | | | \neg | | | _ |
| Depths i | asurements measured f applicable | rom gro | | 6" intervals rface | | | | | | | | | | |

| | | | | | В | ORI | NG I | OG | | | | | BORIN | IG NUM | BER: P51-C10 | |
|----------|--|------------|-------|----------|-----------|---------|-----------------|------|--------------|----|------------------|---------------------------------------|---------------------------------|-------------|-----------------|---|
| | W ENV | | | | | Z | PROJEC LOCAT | ION: | Main Post, F | | 005 Site Investi | gation | JOB NUM CLIENT: DRILLE: FIELD R | : USAĆE | 124976 | |
| | | | 5 | SAMPL | ER | CA | SING | С | ORE BARRE | | | DEPTH | OF GROUN | DWATER | | - |
| | TYPE | | Geop | | croCore | | | | | | DATE 11/5/0 | | | 1 | | _ |
| | SIZE (ID) MER WEIG | нт | | 2" NA | | | | · | | | Groundwater De | epth (feet): | | 6.5' | | |
| | MMER FAL | | | NA | | | | | | | | · · · · · · · · · · · · · · · · · · · | | Ι | | |
| DEPTH | No. | SAN DEP | TH | | REC | I | JSC Syn | ıbol | | | DESCRIPTION | N OF MATER | UALS | | PII | |
| (feet) | | | | 1 | 00% | ╁ | GP | | | | 0-1' Sand ar | d Gravel, Brov | vn/Beige | | ppn | |
| 1 | C10-A | 0-0 | .5' | | | \perp | ML/G | P | | | | ith gravel, Bro | • | | 0.0 | |
| | C10-B | 1.5-2 | 2.0' | | | | ML | | | | 2-4' Silt, 1 | mottled, little c | lay | | 0.0 | , |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 4 | | | | ! | 00% | \perp | ML | | | | 4-8' Silt, | little clay, mott | led | | 0.0 | - |
| 5 | - | | | | | - - | - | | | | | | | | <u> </u> | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | C10-C | 6-6 | .5' | | | + | | | | | | wet | | | ļ | |
| | | | | | | | | | | • | | | | | | |
| 8 | + | <u> </u> | | | | \pm | | | | | End | of Exploration | | | | |
| 9 | - | | | | | | | | | | | | | | - | |
| | | | | | | | | | | | | | | | | _ |
| 10 | + | | | | | - | | | | | | | | | | |
| 11 | | - | | | - | | | | r | | | | | | | |
| 12 12 | | | | | | | | | | 1 | | | | | | |
| 13 | - | | | | | | | | | | | | | | | |
| 14 | | | | | | + | | | | | | | | | | |
| 15 | 1 | | | | | + | | | | | | | | | | |
| 16 | | | | - | | | | | | | | | | | | |
| DRILLING | G RIG TYP | E: | Tπ | ıck-mou | nted Geop | robe I | Rig . | | | | SURFAC | E ELEVATIO | N: | | | |
| TEMPORA | ARY WELL | . INSTA | LLED: | | | No | | | | | START I | DATE: | 11/5/200 | 7 | | |
| RISER FR | OM: | NA | то: | NA | SCREE | 1 FRO | M: | NA | то: | NA | END DA | TE: | 11/5/2007 | | | |
| Depths | easurements measured f ot applicable | rom gro | | | als | | | | | | | | | | | |

BORING NUMBER: **BORING LOG** P51-C11 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & INFRASTRUCTURE CLIENT: USACE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K.Gerdes SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER TYPE Geoprobe MacroCore DATE 11/5/07 SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE REC USC Symbol DESCRIPTION OF MATERIALS PID (feet) ppm 100% 0 0-0.5' asphalt 0.5-1' Sand and Gravel, Dark Brown C11-A 0.5-1.0 ML/GP 1-2' Silt with gravel, Dark Brown, little clay 2 C11-B 1.5-2.0' 2-3' Silt, Dark Brown, little clay 0.0 3 CL 3-4' Clay, Red 100% ML 4-6' Clayey Silt, Brown 0.0 Ci1-C 5.5-6.0 ML 6-8' Silt, little clay, mottled, wet End of Exploration 8 9 10 11 12 12 13 14 15 16 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: TEMPORARY WELL INSTALLED: START DATE: 11/5/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 11/5/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | - | | В | OR | ING L | OG | | | | BORING | G NUMBE | R: P51-C12 |
|-----------------|--|---------|-------|----------------------|----------|---------|------|-----------------|------------------|-----------------------|-----------|-------------|---------------|
| | | | | ENTAL & | } | PROJEC | T: | US Army BRAC 2 | :005 Site Invest | tigation | JOB NUMI | | 124976 |
| I | NFRA | STR | UC' | FURE | | LOCAT | ION: | Main Post, FTMM | , NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K.Gerdes | |
| | | | | SAMPLER | C. | ASING | (| ORE BARREL | | DEPTH (| OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | | DATE 11/6/ | | | | |
| | IZE (ID) | 1170 | | 2" | | | | | C T | Danily (footh) | | 6.5' | - |
| | IER WEIG | | - | NA NA | | | | | Groundwater I | Jepui (leet): | | 0.3 | |
| | | | PLE | | | | | | | | | ! | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | | | | ON OF MATERI | | | PID ppm |
| 0 | 012.4 | 0.0 | | 75% | \perp | ML/GI | | | 0-2' Sil | t, Brown, little gr | avel | | 0.0 |
| 1 | C12-A | 0-0 | .5 | | # | | | | | | | | 0.0 |
| 2 | C12-B | 1.5-2 | 2.0' | | + | ML | | | 2-4' Silt, | , mottled, little cla | ny | | 0.0 |
| 3 | | | _ | | - | | | | | | | | |
| 4 | | | | | \perp | | | | | | | | |
| 4 | ļ | | | 100% | \dashv | ML | | | 4-8" Sil | t, Brown, little cla | ıy | | 0.0 |
| 5 | | | | - | + | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | C12-C | 6-6 | .5' | | - - | | | | | wet | | | - |
| | | | | | - - | | | | | | | | |
| - 8 | | | | | \Box | | | | End | of Exploration | | | |
| 8 | | | | | + | | | | | | | | |
| 9 | | - | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| | - | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | 1 | | | _ | + | | | | | | | | <u> </u> |
| 12 | | | | | 1 | | | | | | | | ļ |
| 13 | | | | | + | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | | | | \dashv | | | | | | | | <u> </u> |
| _ 15 | | | | | | | | | | | | | |
| 16 | - | | | | + | | | | | | | | |
| DRILLING | RIG TYPI | E: | Tr | uck-mounted Geo | probe | Rig | | | SURFA | CE ELEVATION | l: | •• | • |
| TEMPORA | RY WELL | INSTA | LLED: | : | Yes | | | | START | DATE: | 11/6/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREE | N FR | OM: | 5' | TO: 10' | END DA | ATE: | 11/6/2007 | | |
| NOTES: | | | | | | | - | | | | | | |
| Depths | asurements measured f t applicable | rom gro | | 6" intervals face | | | | | | | | | |

| | | | | | BO | DRING I | COG | | | | - | F | BORIN | G NUMBI | ER: P51-D10 |
|-----------------|--|---------|----------------|-----------|----------|--------------|-------|----------------|--------------|----------|-----------------------------------|--------|-----------|-------------|----------------|
| SHAV | VENI | лвс |)NM | ENT | AT & | PROJE | CT: | US Army BRAC | 2005 Site In | ivest | igation | J | OB NUM | BER; | 124976 |
| | NFRA | | | | | | | | | | | c | CLIENT: | USACE | |
| ن.ه. | . TA' ANZS | | | IUKE | , | LOCAT | ION: | Main Post, FTM | A, NJ | | | ł | | | |
| | | | | | | CONT | ACTO | R: TVS | | | | ō | RILLER | Frank Acc | orsi |
| | | | | | | CONT | CACIC | r: 1v5 | | | | F | TELD RE | P: K.Gerdes | |
| - | | | | SAMPLE | p | CASING | | ORE BARREL | Г | | DEDTE | | CDOLLED | AV A MED | |
| | TYPE | | | robe Maci | | CASING | | | DATE 1 | 1/5/0 | | 101 | GROUND | WAIER | |
| | IZE (ID) IER WEIG | НТ | - | 2" NA | | | - | | Groundwa | ter D | epth (feet): | + | | 6.5' | |
| HAM | MER FAL | | | NA | | | L., | | | | ······ | | | | |
| DEPTH (feet) | No. | | MPLE PTH | R | EC | USC Syr | nbol | | DESCRIP | OIT | N OF MATE | RIAL | s | | PID ppm |
| 0 | | | | 90 |)% | | | | | | 0-0.5' asphalt | | | · | |
| 1 | D10-A | 0.5- | 1.0' | | | SP ML | | 0.: | | | wel. Dark Brov ght Brown, litt | | | | 0.0 |
| 2 | D10-B | 1.5 | 2.0' | | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | | |
| 4 | - | | | | | | | | | | | | | | |
| 4 | | | | 10 | 0% | ML | | | 4-8' Sil | lt, litt | le sand, clay, r | nottle | d | | 0.0 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | - | | | | | | | | | | | | | |
| 7 | D10-C | 6-0 | 5.5' | | | | | | | | wet | | | | |
| | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | End | of Exploration | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | - | | | | | - | | | | | | | | |
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| 13 | | | | | | ļ. <u></u> | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | • | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TYPI | 3: | Tro | ck-mount | ed Geopr | obe Rig | | | SUR | rFAC | E ELEVATIO | N: | | | _ |
| TEMPORA | RY WELL | INSTA | LLED: | | N | lo | | | | | DATE: | | 11/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA S | SCREEN | FROM: | NA | TO: ' NA | ENI | DA | TE: | 11/5 | 5/2007 | | |
| NOTES: | <u>-</u> | | | | - | | | | | | | Т | | | |
| Depths r | asurements neasured f applicable | rom gro | | | s | | | | | | | | | | |

| | | | | В | ORING I | LOG | | | BORING NUMI | |
|-----------------|---|------------|------------|----------------------|-----------------|----------|-----------------|------------------------------|--|------------|
| | V ENV NFRA | | | ENTAL & | PROJEC LOCAT | ION: | Main Post, FTMM | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE DRILLER: Frank A FIELD REP: K.Gerde | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | TH OF GROUNDWATER | |
| | TYPE SIZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/2/07' | | |
| | MER WEIG | нт | | NA NA | | <u> </u> | | Groundwater Depth (feet): | 6.0' | |
| HAM | IMER FAL | | | NA | | | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION OF MAT | ERIALS | PID ppm |
| 0 | | | | 90% | | | | 0-0.5' asphalt | | |
| 1 | D11-A | 0.5-1 | 1.0' | | GM | | | 0.5-2' Silt and Gravel, Bro | wn, dense | 0.0 |
| 2 | D11-B | 1.5-2 | | | ML/G | p | | 2-4' Silt with sand with gra | vel Brown | 0.0 |
| | D11-B | 1.5-2 | | | 13.670 | _ | | 2-7 Sik will said will gra | voi, Diowii | 0.0 |
| 3 | | | | | - | | , | | | |
| 4 | | | | 100% | ML | | | 4-5' Silt, Brown | | 0.0 |
| | | | | 10070 | | | | , | | 0.0 |
| 5 | . | - | | | ML/C | L | | 5-8' Silt, little clay, m | ottled | |
| 6 | D11-C | 5.5-0 | 5.0' | | | | | wet | | |
| 7 | | | | | | | | | | |
| 8 | <u> </u> | | | | | | | End of Exploration | on | |
| 8 | | | | | | | | | | |
| 9 | | | | · · | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | ļ | | | | | | | | |
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| 12 | <u> </u> | | | | | | | | | |
| 13 | | <u> </u> | | | | | | | | |
| 14 | | | | | | | | | | |
| | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | <u> </u> | | | |
| DRILLING | RIG TYP | B: | Tn | ick-mounted Geor | orobe Rig | | | SURFACE ELEVAT | ION: | |
| TEMPORA | RY WELL | INSTA | LLED: | | No | | | START DATE: | 11/2/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | · TO: NA | END DATE: | 11/2/2007 | |
| NOTES: | | | | | | | | | | |
| Depths | easurements measured f t applicable | rom gro | | | | | | | | |

| | | | | | В | OR | ING I | OG | | | | | F | BORING | 3 NUI | | R: 51-D12 |
|------------------|--|---------|-------|--------------------|-----------|------|---------|------|--------------|--------|-----------------|--------------------------------|----------|-----------|-------|----------|--------------|
| SHAV | VENI | πро | NTM | ENT | 'AT & | | PROJE | CT: | US Army BR | AC 200 | 05 Site Investi | igation | J | OB NUMI | BER: | | 124976 |
| | NFRA | | | | | , | | | | | | | lo | CLIENT: | USA | CE | |
| . . | MEKA | SIK | UC | IUKI | ь | | LOCAT | ION: | Main Post, F | rmm, i | ŊJ | | ľ | | CON | - | |
| | | | | | | | | | | | | | ū | RILLER: | Fran | k Accor | si |
| | | | | | | | CONTR | ACTO | OR: TVS | | | | F | TELD RE | P: KG | erdes | |
| | | | | | | | <u></u> | | | | | | ╧ | | | | |
| | TYPE | | | SAMPL) probe Ma | | C. | ASING | | ORE BARREL | | ATE 11/2/0 | | OF | GROUND | WATE | R | |
| | IZE (ID) | | Geog | 2" | crocore | | | | | | | | | | | | |
| | MER WEIG MER FAL | | | NA NA | | | • | | | G | roundwater D | epth (feet): | - | | 2.5' | | |
| IIAIV | INILKTAL | | 1PLE | - NA | ! | | | | | | | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | TH | F | REC | | USC Syn | nbol | | D | ESCRIPTIO | N OF MATE | RIAL | s | | | PID ppm |
| 0 | D12-A | 0-0 | 51 | 9 | 90% | ╬ | GM | | | | | 0-0.5' topsoil ravel, sand and | eil+ | | | | 0.0 |
| 1 | 2127 | J-0-0 | | | | 1 | ML | | | | | th sand, Dark I | | ı | | | 0.0 |
| 2 | D12-B | 1.5-2 | 2 ()' | | | + | ML/G | Þ | | 2. | A' Clavey Silt | t with gravel, B | roum | wet | | | 0.0 |
| | D12-C | 2-2 | | | | 1 | .,,,,, | | | - | . clayey cm | . Will graver, 2 | , | , | | | |
| 3 | | | | | | + | | | | | | | | | | | |
| 4 | | | | | | 1 | | | | | End | of Exploration | | | | | |
| 4 | | | | | | + | | | | • | | | | | | | |
| 5 | 1 | | | | | 1 | | | | | | | | | | | |
| 6 | | | | | | + | | | | | | | | | | | |
| | | | | | | 1 | | | | | | | | | | | |
| 7 | | | | | | + | | | | | | | | | | | |
| 8 | 1 | | | | | 1 | | | | | | | | | | _ | |
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| 10 | | | | | - | 1 | | | | | | | | | | | |
| 11 | | | | | | + | | | | | | | | | | | |
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| 12 | 1 | | | | | ╁ | | | | | | | | | | | |
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| 13 | | | • | | | ╁ | | | | | | | | | | | |
| 14 | - | | | | | 7 | | | | | | | | | | | |
| 15 | | | | | | 1 | | | ! | | | | | | | | |
| 16 | | | | | | - - | | | | | | | | | | | |
| DRILLING | RIG TYP | : :: | Tr | uck-mour | nted Geop | robe | Rig | | | | SURFAC | CE ELEVATIO | N: | | | | |
| TEMPORA | | | | | | No | | | | | START | | | 11/2/2007 | | | |
| RISER FRO | | NA | TO: | | SCREEN | | OM: | NA | TO: | NA | END DA | | | 2/2007 | | | |
| NOTES: | | | | | | | | | | | <u> </u> | | | | | | |
| PID me Depths | asurements measured f t applicable | rom gro | | | als | | | | | | | | | | | | |

| | | | | | В | OR | ING L | OG | | | | | | BORIN | G NUM | | R: 251-E10 |
|-----------------|--|----------|------------|---------------|-----------|---------|------------------|----------|------------|----|--------------|-------------------|---------|-----------|--------------|-------|---------------|
| SHAV | V ENV NFRA | | | | | ž | PROJEC LOCATI | | US Army BI | | | estigation | - 1 | JOB NUM | IBER: | : | 124976 |
| | | | | | | | CONTRA | | m. m. ro | | | | Ì | DRILLER | : Frank | Accor | rsi |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | FIELD RE | EP: K.Ger | rdes | |
| | | | | SAMPL | | Ċ | ASING | C | ORE BARREI | | | | н оғ | GROUNI | OWATER | | |
| | TYPE SIZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE 11/2 | 2/07' | _ | | | | |
| HAMN | MER WEIC | | | NA | | | | | | | Groundwater | Depth (feet): | | | 4.5' | | |
| HAM | MER FAI | | TO E | NA | 1 | | | Ц | | | | | | | | | |
| DEPTH (feet) | No. | DEF | MPLE TH | I | æc | | USC Sym | bol | | 1 | DESCRIPTI | ION OF MAT | ERIAI | LS | | | PID ppm |
| 0 | | | | | 95% | \perp | ML/GI | - | | | 0.6.21.634 | 0-0.5' Asphal | | 1 | | | 0.0 |
| 1 | E10-A | 0.5- | 1.0' | | | \pm | ML/GI | | | | U.3-2" Sift, | Brown, little gr | iavei,C | iay | | | 0.0 |
| 2 | E10-B | 1.5- | 2.0' | | | | ML | | | | 2-3' | Silt, Light Bro | wn | | | | 0.0 |
| 3 | 1 | | | | | \perp | ML | | | | 3-4' (| Clayey Silt, mot | ttled | | | | |
| 4 | E10-C | 4-4 | 1.5' | | | + | | | | | En | nd of Exploration | n | | | | |
| 4 | | | | | | - | | | | | | | | | | | |
| 5 | | <u> </u> | | | | + | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | - | | | | | - | | _ | | | | | | | | | |
| 8 | | | | | | + | | | | | | | | | | | |
| 8 | ļ | ļ | | | | # | | | | | | | | | | | |
| 9 | | | | | | # | | | | | | | | | | | |
| 10 | | <u> </u> | | | | | | | | | | | | | | | |
| 11 | | | | | | - | | | | | | | | | | | |
| 12 | | | | | | 1 | | | | | | | | | | | |
| 12 | 1 | | | | | \pm | | | | | | | | - | | | |
| 13 | + | - | | | | - | | | | | | | | | | | <u> </u> |
| 14 | - | ļ | | | | + | | | | | | | | | | | |
| | | | | | | \pm | | | | ı | | | | | | | |
| 15 | | - | | | | + | | \dashv | | | | | | | | | |
| 16 | | l | | | | | | Ì | | | | - | | | | | |
| DRILLING | | | | | nted Geor | | Rig | | | | | ACE ELEVAT | ION: | | | | |
| TEMPORA | ARY WELI | | | | | No | | | | | Į. | T DATE: | | 11/2/2007 | 1 | | |
| RISER FR | OM: | NA | TO: | NA | SCREE | N FR | ОМ: | NA | TO: | NA | END I | DATE: | 11 | /2/2007 | | | |
| Depths | easurements measured s ot applicable | from gro | | | als | | | | | | | | | | | | |

| | | | | | В | ORIN | IG L | OG | | - | | | BORI | NG NUM | IBER: P51-E11 |
|-----------------|--|---------|-------|----------|----------------|----------|-------|----------|--------------|-------|---------------|------------------|-----------|-----------|------------------|
| SHAV | V ENV NFRA | | | | | | ROJEC | | US Army BRAG | | | igation | JOB NU | IMBER: | 124976 |
| | | | | | | c | ONTR/ | ACTO | or: TVS | | | | DRILLI | ER: Frank | c Accorsi |
| | | | | | | | | | | | | | | | |
| | TYPE | | | SAMPL | ER acroCore | CASI | NG | C | ORE BARREL | - In. | ATE 11/2/0 | DEPTH | OF GROU | NDWATER | <u> </u> |
| | IZE (ID) | | | 2" | | | | | | | | | | | |
| | IER WEIG | | | NA NA | | | | | | Gr | oundwater D | epth (feet): | | 6.5' | |
| naw | IMERIAL | | /IPLE | NA | | | 1 | | | | | | l | | |
| DEPTH (feet) | No. | DEF | | | REC | US | C Sym | bol | | DI | | N OF MATE | RIALS | | PID ppm |
| 0 | | | | | 95% | |) /T | _ | | | | 0-0.5' Asphalt | , | | |
| 1 | E11-A | 0.5- | 1.0' | | | | ML | | | | 0.5-5 Sift, B | rown, extremel | y dense | | 0.0 |
| 2 | E11-B | 1.5- | 2.0' | | | 1 | | | | | | | | | 0.0 |
| 3 | | | | | | | ML | | | | 3-4' Cla | yey Silt, mottl | ed | | |
| 4 | - | | | | | -} | | - | | | | | | | |
| 4 | | | |] | 100% | | ML | | · | | 4-8' Cla | ayey Silt, mottl | ed | | 0.0 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | - | | \dashv | | | | | | | |
| • | E11-C | 6-6 | i.5' | | | | | | | | | wet | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | - | | - | | | End | of Exploration | | | |
| 8 | | | | | | | • | | | | | | | | |
| 9 | | | | | - | _ | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | 1 | | | | | | | | | | | | | | |
| 12 | | - | | | | | | [| | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | 1 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | - | | | | | - | | \dashv | | | | | | | |
| DRILLING | RIG TYP | 3: | Tr | uck-mou | nted Geop | robe Rig | ; | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WELL | . INSTA | LLED: | | | No | | | | | START | DATE: | 11/2/20 | 07 | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | I FROM | : | NA | TO: NA | 4 | END DA | TE: | 11/2/2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths: | asurements measured f t applicable | rom gro | | | als | | | | | | | | | | |

| | | | | | В | ORI | NG I | OG | | | | | 1 | BORIN | G NUMI | BER: P51-E12 |
|-----------------|--|--------|------------|----------------|-----------|---------|--------|------|-------------|--------|----------------|------------------|--------|-----------|--------------|-----------------|
| SHAV | V ENV | TD(| NIM | ENT | TAT & | Į, | PROJE | CT: | US Army B | RAC 20 | 05 Site Invest | igation | | JOB NUM | BER: | 124976 |
| | NFRA | | | | | - 1 | LOCAT | ION: | Main Post, | FTMM, | Ų | | ŀ | CLIENT: | USACE | |
| | | | | | | | CONTR | ACTO | OR: TVS | | | | Ī | DRILLER | : Frank A | ccorsi |
| | | | | | | | | | | | | | þ | FIELD RE | P: K.Gerde | es |
| | mimo | | | SAMPL | | CAS | SING | (| ORE BARRE | | | | I OF | GROUNI | WATER | |
| | TYPE SIZE (ID) | | Geor | probe Ma 2" | croCore | | | | | | ATE 11/6/0 |) <i>r</i> | T | | | |
| HAMM | IER WEIG | | | NA | | | | | | G | roundwater D | epth (feet): | | | 6.0' | |
| HAM | IMER FAL | | 1PLE | NA | | | | | | | | | | | l | _ |
| DEPTH (feet) | No. | DEP | | 1 | REC | U | SC Syn | bol | | D | ESCRIPTIO | N OF MATE | RIAL | LS. | | PID ppm |
| 0 | | | <i>c</i> 1 | | 80% | \Box | ML/G | | | | 0-1' Sil | with gravel, I | Brown | 1 | | |
| 1 | E12-A | 0-0 | .5. | | | ╁ | | | | | 1-1. | 5' slag, black | | | | 0.0 |
| | | | | | | | ML | | | | | Silt, Light Brov | vn | | | |
| 2 | E12-B | 1.5-2 | 2.0' | | | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | | | |
| 4 | \vdash | | | | | | | | | | | | | | | |
| 4 | | | | | 00% | + | ML | | | | 4-5" Silt, | Brown, little | clay | | | 0.0 |
| | | | | | | | | | | | | | | | | |
| 5 | + | | | | | 1 | ML | | | | 5-8' Silt, | mottled, little | clay | | | |
| 6 | E12-C | 5.5- | 6.0' | | | | | | | | | wet | | | | |
| 7 | \vdash | | | | | - | | | , | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 8 | 1 | | | | | | | | | | End | of Exploration | | | | |
| | 1 | | | | - | | | | | | | | | | | - |
| 9 | | | | | | | | | | | | | | | | |
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| 13 | | _ | | | | 1 | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | \perp | | _ | | | | | | | | |
| 16 | +- | | | | | | | | | | | | | | | |
| DRILLING | RIG TYPE | i: | Tn | uck-mou | nted Geop | robe R | ig | | | | SURFAC | E ELEVATIO | N: | | | |
| TEMPORA | RY WELL | INSTA | LLED: | | • | Yes | | | | | START I | DATE: | | 11/6/2007 | | |
| RISER FRO |)М: | NA | то: | NA | SCREEN | I FROI | M: | 5' | TO: | 10' | END DA | TE: | 11/ | 6/2007 | | ! |
| NOTES: | | | | | | | | | | | | | \neg | _ | | |
| Depths r | asurements measured fr applicable | | | | als | | | | | | | | | | | |

| · | | | | | В | OR | ING I | ωG | | | | | | E | BORIN | G NUM | | 1- F 7 |
|-----------------|--|--------------|-------|----------|---------------|---------|---------|--------------|------------|-------|-------------|-------------|---------------|---------|-----------|-----------|----------|---------------|
| SHAV | U TENTA | TDO | NIM | · | 'AT O | | PROJE | CT: | US Army E | RAC 2 | 005 Site In | vestigat | ion | J | OB NUM | BER: | | 4976 |
| | V EN V NFRA | | | | | 7 | | | | | | | | | CLIENT: | USACE | | |
| 11 | AKATI | SIK | UC. | IUK | Ľ | | LOCAT | ION: | Main Post, | FTMM | , NJ | | | ľ | 2210111 | CONTOL | • | |
| | | | | | | | | | | | | | | ā | RILLER | : Frank | Accorsi | |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | F | TELD RE | P: K.Gero | les | |
| | | | | | | | | | | | | | | | | A. K.Gui | | |
| | TYPE | | | SAMPL | ER croCore | C. | ASING | С | ORE BARRE | | DATE 1 | 1/2/07 | DEPTH | OF | GROUNI | WATER | - 1 | |
| S | IZE (ID) | | Geop | . 2" | ciocore | | | | | | DAIE I | 1/2/07 | | | | | | |
| | IER WEIG MER FAL | | | NA NA | | | | | | [| Groundwa | ter Dept | h (feet): | | | 6.0' | \dashv | |
| • | | SAN | 1PLE | | | | | | | | | | | • | | | - i | |
| DEPTH (feet) | No. | DEP | ТН | | REC | | USC Syn | ibol | | | DESCRIP | TION (| OF MATEI | RIAL | s | | | PID ppm |
| 0 | _ | | | 1 | 00% | \perp | | | | | | 0-1 | ' Asphalt | | | | L | 0.0 |
| 1 | | | | | | | SW | | | 1- | 2' Sand wit | h gravel | , Dark Bro | wn, lit | ttle sift | | | 0.0 |
| 2 | F7-A F7-B | 1-1 1.5-: | | | | | ML | | | | 2-4' | Silt, littl | e sand, mot | tled | | | - | 0.0 |
| 3 | | | | | | - | | - | | | | | | | | | F | |
| | <u> </u> | | | | | ╁ | | | | | | | | | | | E | |
| 4 | - | | | 1 | 00% | + | ML | | | | 4-8 | 3' Clayey | / Silt, mottl | ed | - | | \dashv | 0.0 |
| 5 | - | | | | | - | | | | | | | | | | | Ē | |
| | | | | | | | | | | | | | | | | | L | |
| 6 | F7-C | 5.5- | 6.0' | | | + | | | | | | ` | wet | | | | - | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | End of I | Exploration | | | | | |
| 8 | | | | | | ╁ | | | | | | | | | | | - | |
| 9 | | | | | | 1 | | | | | | | | | | | F | |
| 10 | | | | | | _ | | | | | | | | | | | E | |
| 11 | | | | | | + | | - | | | | | | | | | - | |
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| 12 12 | | | | | | \pm | | | | | | | | | | | | |
| 13 | | | - | | | - - | |] | | | | | | | | | F | |
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| 14 | | | | | | 士 | | | | | | | | | | | - | |
| 15 | | | | | | - - | | | | | | | | | | | F | |
| 16 | | | | | | 上 | | | | | | | | | | | | |
| DRILLING | RIG TYPI | 3: | Tn | uck-mou | nted Geop | robe | Rig | | | | SUR | FACE I | ELEVATIO | N: | | | | |
| TEMPORA | RY WELL | INSTA | LLED: | | | No | | | | | STA | RT DA | ГЕ: | 1 | 11/2/2007 | | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | I FRO | OM: | NA | TO: | NA | END | DATE | : | 11/2 | 2/2007 | | | |
| NOTES: | | | | | | | | | | | <u> </u> | | | T | | | - | |
| Depths 1 | esurements neasured f applicable | rom gro | | | als | | | | | | | | | | | | | |

| | | | _ | В | ORING I | юG | | | | BORING | NUMBE | R: P51-F8 |
|-----------------|--|-----------|----------|----------------------|---------------|------|--------------|-------------------|-----------------------------------|---------------------------|------------|--|
| | V ENV NFRA | | | ENTAL & | PROJEC | ION: | US Army BRAC | | gation | JOB NUMB CLIENT: DRILLER: | | 124976 |
| | | | | | COMIN | MCIC | 74. | | | FIELD REP | : K.Gerdes | ļ |
| | | | | AMPLER | CASING | C | ORE BARREL | _ | | OF GROUND | VATER | |
| | TYPE IZE (ID) | _ | Geopr | robe MacroCore 2" | | | | DATE 11/2/0 | 7' | | | + |
| HAMM | IER WEIG | | | NA | | | | Groundwater D | epth (feet): | | 5.5' | |
| HAM | MER FAL | .L SAM | PLE | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | TO A | 0.0 | <i>-</i> | 100% | GM | | | 0-2' Silt with sa | nd with gravel, | dark Brown | | 0.0 |
| 1 | F8-A | 0-0. | 2. | | | | | | | | | 0.0 |
| 2 | F8-B | 1.5-2 | .0' | | SM ML | | | | and lense, Brow 4' Silt, Brown | /n | | 0.0 |
| 3 | | | | | | | | 2.0 | , one promi | | | |
| 4 | | | | | | | | | | | | |
| 4 | - | | | 100% | ML/G | Р | | 4-5' Silt with s | and with grave | l, Brown | | 0.0 |
| 5 | F8-C | 5-5. | 5' | | ML | | | 5-6' Silt, Li | ght Brown, little | sand | | |
| 6 | | | | | SM | | | 6-8' Sand w | ith silt, mottled | l, wet | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | 1 |
| 8 . | | | | | | | • | | | | | |
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| 16 | <u> </u> | l . | I | | | | <u> </u> | | | | | ــــــــــــــــــــــــــــــــــــــ |
| DRILLING | | | | ick-mounted Geo | - | | | | E ELEVATIO | | | |
| TEMPORA | | | | | No N EDOM: | NI A | то. ж. | START | | 11/2/2007 | | |
| RISER FRO | M: | NA ——— | TO: | NA SCREE | N FROM: | N.A | TO: NA | END DA | .16: | 11/2/2007 | | |
| PID mea | asurements measured f applicable | rom grou | | " intervals face | | | | | | | | |

| | | | | B | OR | ING L | OG | | | | | BORI | NG NUMI | BER: P51-F9 |
|-----------------|--|--------------|------|----------------------------|-------|---------|------|--------------|----------------|------------------|-------------------|--------------|-------------|----------------|
| CILAY | U ENI | лрс | NTN/ | ENTAL & | P_ | PROJEC | CT: | U\$ Army BR | AC 20 | 05 Site Invest | igation | JOB NU | MBER: | 124976 |
| | | | | TURE | × | | | | | | | CLIEN | T: USACE | |
| 1. | 1111111 | KO I IN | UC | IUKE | | LOCAT | ION: | Main Post, F | ΓMM, l | UJ. | | | | |
| | | | | | | | | | | | | DRILLI | ER: Frank A | Accorsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | | FIELD : | REP: K.Gerd | es |
| | | | Į. | 0.134DY DD | ١., | OTNG | | | _ | | | | | |
| | TYPE | | | SAMPLER orobe MacroCore | CA | SING | _ (| ORE BARREL | | ATE 11/2/0 | | OF GROU | NDWATER | |
| | IZE (ID) | | | 2" | | | | | | | 1 (0.) | | | |
| | IER WEIG IMER FAI | | ╁ | NA NA | | | | | $ \frac{1}{6}$ | roundwater D | epth (feet): | | 5.5' | |
| | | | MPLE | | | | | | | | | · | _ | |
| DEPTH (feet) | No. | | TH | REC | | USC Sym | ibol | | | | N OF MATE | | | PID ppm |
| 0 | F9-A | 0-0 |).5' | 100% | + | GM | | | 0 | -1' Silt with sa | and with gravel | , dark Brown | L | 0.0 |
| 1 | | | | • | | ML | | | | 1-2 | ' Silt, Brown | | | |
| 2 | F9-B | 1.5- | 2.0' | | | ML | | | • | 2-3' Silt, Da | ark Brown, littl | e sand | | 0.0 |
| 3 | | | | | | SP | | | | 3-4' Sand | , mottled, little | silt | | |
| 4 | <u> </u> | | | | - | | | | | | | | | |
| 4 | | | | 100% | | ML | | | | 4-6' Silt, | Brown, little s | and | | 0.0 |
| 5 | | | | | + | | | | | | | | | |
| | F9-C | 5-5 | 5.5' | | | | | | | | | | | |
| 6 | | | | | + | ML | | | | 6-8 Claye | y Silt, mottled, | wet | | - |
| 7 | | | | | | | | | | | | | | |
| 8 | - | \vdash | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | • | | | |
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| 12 | <u> </u> | | | | | | | , | | | | | | |
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| 14 | - | | | | + | | _ | | | | | | | |
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| 15 | | | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | | | | | 1 | | | | |
| DRILLING | | | | uck-mounted Geo | probe | Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | | | | | No | | | | | START | DATE: | 11/2/20 | 07 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | OM: | NA | TO: | NA | END DA | TE: | 11/2/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths: | asurement: measured : t applicable | from gro | | 6" intervals rface | | | | | | | | | | |

| | | | | I | 30 | RING L | OG | | | | | BORD | NG NUMB | ER: P51-F10 |
|-----------------|---|---------|---------|----------------------|--------|-----------------|------|-----------|----|----------------|------------------|------------|--------------|----------------|
| | V ENV NFRA | | | ENTAL (| & | PROJEC LOCAT | | US Army I | | 005 Site Inves | tigation | JOB NU | | 124976 |
| | | | | | | | | | | | | DRILLE | R: Frank A | ccorsi |
| | | | | - | | CONTR | ACTO | R: TVS | 1 | | | | REP: K.Gerde | 1 |
| | | | | SAMPLER | Т. | CASING | | ODE BARRI | 61 | | DEDTI | I OF CROW | VDW ATED | |
| | TYPE | | | robe MacroCore | | CASING | | ORE BARRI | | DATE 11/2/ | | OF GROU | IDWATER | |
| | IZE (ID) | | | 2" | \bot | | | | | 0 1 1 | D. (C. A) | | 4.01 | |
| | IER WEIG | | | NA NA | ╁ | | ļ | | | Groundwater I | Depth (feet): | | 4.0' | - |
| | | | IPLE | | - | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ibol | | _ | | ON OF MATE | | · | PID ppm |
| 0 | F10-A | 0-0 | 5, | 95% | | - GM | | | | 0-3' Silt and | d Sand with gra | vel, Brown | | 0.0 |
| 1 | 110-24 | 0-0. | <u></u> | | | | | | | | | | | - 0.0 |
| 2 | F10-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | ļ | | | | | SP | | | | 3-4' S | and, mottled, w | et | | |
| 4 | F10-C | 3.5-4 | 1.0' | | | | | | | End | l of Exploration | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
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| 9 | 1 | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | _ | | | | | | | | | |
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| 15 | | | | | | | | | | | | | | |
| 16 | <u>L. </u> | | | | _ | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | ick-mounted Ge | opro | be Rig | | | | SURFA | CE ELEVATIO | ON: | | |
| TEMPORA | RY WELI | . INSTA | LLED: | | No | o | | | | START | DATE: | 11/2/20 | 07 | |
| RISER FRO | OM: | NA _ | то: | NA SCRE | EN F | ROM: | NA | TO: | NA | END D. | ATE: | 11/2/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asurements measured t t applicable | rom gro | | 5" intervals face | | | | | | | | | | |

| | | | | В | ORING | LOG | | | | BORING | G NUMBE | | |
|---|--|----------------|-------|----------------------|-----------|-------|-----------------|------------------|-------------------|-----------|-------------|-------------------|--|
| | | | | ENTAL & | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | P51-F11 124976 | |
| I | NFRA | STR | UC' | FURE | LOCA | TION: | Main Post, FTMN | I, NJ | | CLIENT: | USACE | | |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: | Frank Acco | orsi | |
| | | | | | | | | | | FIELD RE | P: K.Gerdes | | |
| | TYPE | | | SAMPLER | CASING | (| CORE BARREL | DATE 11/0/ | | OF GROUND | WATER | | |
| | IZE (ID) | | Geop | robe MacroCore 2" | | + | | DATE 11/2/0 |) <u>/·</u> | | | | |
| | IER WEIC | | | NA . | | | | Groundwater D | epth (feet): | | 5.0' | | |
| HAM | MER FAL | | IPLE | NA | | | | | | | <u> </u> | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTIO | N OF MATER | IIALS | | PID ppm | |
| 0 | F11-A | 0-0 | 51 | 95% | SP | | | 0-1' 8 | Sand, Light Bro | wn | | 0.0 | |
| 1 | F11-A | 0-0 | | | SM | | | 1-4' San | d with silt, Brow | vn | | 0.0 | |
| 2 | F11-B | 1.5-2 | 2.0' | | SP | | | 2' Sand I | ense, Light Bro | wn | | 0.0 | |
| 3 4 4 4 100% SP 4-5' Sand, Brown, little silt 0.0 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 100% SP 4-5' Sand, Brown, little silt 0.0 | | | | | | | | | | | | | |
| 5 | F11-C | 4.5- | 5.0' | | SM | | | 5-8' Sand a | and Silt, mottled | , wet | | | |
| 6 | <u> </u> | | | | | | | | | | | | |
| 7 | | | | | | | <u> </u> | | | | | | |
| 8 | | | | | | | | Y1 | -6 F1ti | | | | |
| 8 | | | | | | | | Enq | of Exploration | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | ļ | | | | | | |
| 11 | - | | | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | |
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| | 1 | | | | | | 1 | | | | | | |
| 13 | - | | | | | | | | | | | \vdash | |
| 14 | | | | | | | | | | | | | |
| 15 | | - - | | | | | | | | | | | |
| 16 | 1 | | | | | | 1 | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATIO | N: | | | |
| TEMPORA | RY WELI | . INSTA | LLED: | : | No | | | START | DATE: | 11/2/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | END DA | ATE: | 11/2/2007 | | | |
| NOTES: | | | | | , | | | | | | | | |
| Depths | asurements measured f applicable | rom gro | | 6" intervals face | | | | | | | | | |

| | | _ | | В | OR | ING L | OG | | | | | BORING | G NUMBE | R: P51-F12 |
|---------------------|--|------------|-------------|----------------------|----------------|-----------------|------|-------------------------------|-------------|------------------|-------------|----------------|------------|--|
| | | | | ENTAL & | દ | PROJEC LOCAT | | US Army BRAC Main Post, FTMN | | estigation | | JOB NUMI | | 124976 |
| | | | | | | CONTR | ACT(| OR: TVS | | | | DRILLER: | Frank Acco | orsi |
| | | | - | SAMPLER | C. | ASING | (| ORE BARREL | | DI | ЕРТН С | OF GROUND | WATER | |
| | TYPE | | Geor | orobe MacroCore | | | | | DATE 11 | | | | | |
| | IZE (ID) 1ER WEIC | нт | - | 2" NA | - | | | | Groundwate | r Depth (feet | 1)· | | 4.0' | |
| | MER FAL | | | NA NA | | - | _ | | Groundwate | a Depar (rect | · - | | T.0 | † |
| | | | IPLE | | | | | | - | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | 4 | USC Sym | | | | ION OF M. | | | | PID ppm |
| 0 | F12-A | 0-0 | 5' | 80% | | SM/GI | , | | 0-2' Sand w | th silt, grave | I, Brown | n, little clay | | 0.0 |
| 1 | | | | | # | | | | | | | | | |
| 2 | F12-B | 1.5-2 | 2.0' | | - | SP | _ | | 2-4' Sar | d, Brown, lit | ttle silt,c | lay | | 0.0 |
| 3 | | | | - | 1 | | | | | | | | | |
| 4 | F12-C | 3.5- | 4.0' | | 1 | | | | E | nd of Explor | ation | | | |
| 4 | | | | | 1 | | | | | wet | | | | |
| 5 | | | | | # | | | | | | | | | |
| 6 | 1 | | | • | +- | | | | | | | | | |
| 7 | 1 | | | | 1 | | | | | | | | | |
| | 1 | | | - | + | | | | | | | | | |
| 8 | | | | | \blacksquare | | | | | | | | | |
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| 15 | | ļ | | | - - | | | | | | | | | |
| 16 | | | | | 1 | | | | | | | | | |
| - | DIO mm | · | | 1.0 | | n:- | | | 07.75 | | A TION: | | | J |
| DRILLING TEMPORA | | | | uck-mounted Geop | probe No | Kig | | | | ACE ELEV | AHUN | 11/2/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | OM: | NA | TO: NA | | T DATE: DATE: | | 11/2/2007 | | |
| NOTES: | | | | | | | | | | _ | | 1 | | |
| PID mea | asurements measured f applicable | rom gro | | 6" intervals face | | | | | • | | | | | |

| | | - | | В | OI | RINGI | OG | | | | | BORI | NG NUMBE | CR: P51-G7 |
|------------------|--|------------|-------|-----------------------|-----------|---------|------|----------------|---------|-------------|-------------------|-----------|---------------|---------------|
| SHAV | V FNX | TRO | NM | ENTAL & | ۲, | PROJE | CT: | US Army BRAC | 2005 Si | ite Investi | igation | JOB NU | MBER: | 124976 |
| | | | | TURE | × | 1 | | | | | | CLIENT | T: USACE | |
| - | | | | ZUKE | | LOCAT | ION: | Main Post, FTM | A, NJ | | | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLI | ER: Frank Acc | orsi |
| | | | | | | | | | | | | FIELD | REP: K.Gerdes | |
| | | | | SAMPLER | | CASING | С | ORE BARREL | | | | OF GROU | NDWATER | |
| | TYPE IZE (ID) | | Geor | orobe MacroCore 2" | \vdash | | - | | DATE | 11/1/0 |)7' | 1 | | |
| | IER WEIC | нт | | NA. | | | | | Groun | dwater D | epth (feet): | | 5.0' | |
| HAM | IMER FAI | | | NA | | | Щ, | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | TH | REC | П | USC Syn | nbol | | DESC | RIPTIO | N OF MATE | NALS | | PID ppm |
| 0 | | | | 80% | | SM | | | | 0-4' Sa | and with silt, Br | own | | |
| 1 | G7-A | 0-0 | .5' | | | | | | | | | | | 0.0 |
| | 07.5 | | D. 01 | | | | | | | | | | | |
| 2 | G7-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | - | | | | | | _ | | | | | |
| 4 | | | | 100% | - | SM | | | | 4-8' Silt | and Sand, mott | led | | 0.0 |
| 5 | G7-C | 4.5-: | 5.0' | | | | | | | | wet | | | |
| 6 | - | | | | - | | | | | | | | | - |
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| 7 | | | | | - | | | | | | | | | |
| 8 | ļ | | | | _ | | | | | End | of Exploration | | | |
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| 12 | | | | | \dashv | | | | | | | | | + |
| 13 | | - | | | - | | | | | | | | | ļ |
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| 14 | | - | | | \dashv | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | \exists | | | - | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mounted Geo | prob | e Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | No | Ü | | | | START | | 11/1/20 | 07 | |
| RISER FRO | | NA | TO: | NA SCREI | | ROM: | NA | TO: NA | - 1 | END DA | | 11/1/2007 | | |
| NOTES: | | | | | | | | | | | | <u> </u> | - | |
| PID me Depths | asurements measured t t applicable | from gro | | 6" intervals rface | | | | | | | | | | |

| | | | | | ВО | RING I | οG | | | | | BORIN | G NUMBE | R: P51-G8 |
|-----------------|--|------------|-------|----------------------|-------|---------------------|-------|--------------|---------|-----------------|------------------------------------|------------------|--------------|--------------|
| SHAV | V ENV | 'IRO | NM | ENTAL | & | PROJEC | CT: | US Army BR | AC 20 | 05 Site Investi | gation | JOB NUM | BER: | 124976 |
| П | NFRA | STR | UC' | FURE | | LOCAT | ION: | Main Post, F | тмм, | NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | A CTC | OR: TVS | | | | DRILLER | : Frank Acco | orsi |
| | | | | | | CONTR | ACIC | A. 175 | | | | FIELD RE | P: K.Gerdes | : |
| | | | | SAMPLER | | CASING | C | ORE BARREL | | | | OF GROUND | WATER | |
| | TYPE IZE (ID) | - | Geop | robe MacroCor 2" | е | | | | I | DATE 11/1/0 | 17' | | | |
| | IER WEIG | HT | | NA NA | + | | _ | | | Froundwater D | epth (feet): | | 5.0' | |
| | MER FAL | | 1 | NA | | | | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | TH | REC | | USC Syn | ibol | | I | ESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 80% | | | | | | | 0-0.5' topsoil | | | |
| 1 | G8-A | 0-0 | .5' | | | GW GM | | | 0 | | d Gravel, Black d Silt and Grav | | | 0.0 |
| 2 | G8-B | 1.5- | 2.0' | | | GM | | 2 | 2.5-3.5 | Silt with sand | , clay, dark Bro | wn, little grave | 1 | 0.0 |
| 3 | | | | | | SM | | | | | id and Silt, mot | | | |
| 4 | | | | 100% | • | | | | | | d and Silt, mottl | | | 0.0 |
| | | | | 100% | | SM | | | | 4-o 5au | , | led | | |
| 5 | G8-C | 4.5- | 5.0' | | | | | | | | wet | | | |
| 6 | | | | | | | | • | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | - | | | | End | of Exploration | | | |
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| 16 | <u> </u> | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | uck-mounted Ge | eopro | be Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WELI | . INSTA | LLED: | | N | 0 | | | | START | DATE: | 11/1/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCRE | EN I | FROM: | NA | TO: | NA | END DA | TE: | 11/1/2007 | | |
| NOTES: | | | | | | · · · · · · · · · · | | | | | | | | |
| Depths 1 | asurements measured t applicable | rom gro | | 6" intervals face | | | | | | | | | | |

| | | | | | В | ORIN | G LO | G- | | - | | | BORING | G NUMBE | |
|-----------------|--|--|--------------|------------|------------|------------------|--------|------|--------------|-----------|------------------|-----------------------|------------|-------------|---------------|
| | | | | | | lpp. | DJECT: | | IIC A DD | 4 6 20 | 106 Cit- I | | TOD NITING | nen. | P51-G9 |
| SHAV | V ENV | TRO | NM | ENT | 'AL & | ; PRO | JJEC1: | | US Army BK | AC 20 | 005 Site Investi | gation | JOB NUM | BER: | 124976 |
| I | NFRA | STR | UC. | FUR | E | , , | CATION | . , | Main Dont E | TMAL | NII | • | CLIENT: | USACE | |
| | | | | | | Lo | CATION | : 1 | Main Post, F | i ivijvi, | נאו | | | | |
| | | | | | | CO | NTRAC | rΛD. | TVS | | | | DRILLER | Frank Acc | orsi |
| | | | • | | | | WIRAC. | OK. | 173 | | | | FIELD RE | P: K.Gerdes | |
| | | | Τ, | SAMPL | ER | CASIN | G | COR | E BARREL | . T | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe Ma | croCore | | | | | | DATE 11/1/0 | | | | |
| | IZE (ID) IER WEIG | ит | | 2" NA | | | | | | | Groundwater D | anth (fact) | | 3.5' | |
| | MER FAL | | - | NA | | | _ | | | 一 | Jioungwater D | epin (reet): | | T 3.3 | + |
| | | SAI | MPLE | | | | | T | _ | | | | | | |
| DEPTH (feet) | No. | DEI | HT | 3 | REC | USC | Symbol | | | I | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | | 90% | | SM | _[| | | 0-1' Sa | nd with silt, Bro |)WII | | |
| 1 | G9-A | 0-0 |).5' | | | | SP | - | | | 1-2' Sano | l, Brown, little s | ilt | | 0.0 |
| 2 | G9-B | 1.6 | 2.0' | | | | ML | - | | | 2.41.01 | iyey Silt, Browi | | | 0.0 |
| | U7-D | 1.3 | 2.0 | | | | IVIL | - | | | 2-4 Cli | iyey ont, Brown | 1 | | - 0.0 |
| 3 | | | | | | | _ | 7 | | | | | | | |
| 4 | G9-C | 3-3 | 3.5' | | | | | - | | | End | wet of Exploration | | | - |
| 4 | | | _ | | | | | 丁 | - | | Dild | or Exploration | | | 1 |
| • | <u> </u> | | | | | - | | _ | | | | | | | |
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| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | uck-mou | inted Geor | robe Rig | | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WELL | . INSTA | ALLED: | : | | No | | | | | START | DATE: | 11/1/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREE | I FROM: | ľ | ۱A | TO: | NA | END DA | TE: | 11/1/2007 | | |
| NOTES: | | | | | | | | | | | <u> </u> | | 1 | | |
| Depths 1 | asurements measured f applicable | rom gro | | | als | | | | | | | | | | |

| | | | _ | | ВС | ORING I | OG | | - | | | BORIN | G NUMB | BER: P51-G10 |
|-----------------|--|-------------|-------|----------|-----------|----------|----------|-----------------------------|-----|---------------|-----------------|---------------------|------------|-----------------|
| SHAV | V ENV NFRA | | | | | PROJE6 | | US Army BRA Main Post, FTM | | | gation | JOB NUM | | 124976 |
| | | | | | | CONTR | асто | R: TVS | | | | DRILLER FIELD RI | R: Frank A | |
| | | | , | SAMPLI | ER T | CASING | C | ORE BARREL | | | DEPTH | OF GROUN | DWATER | |
| | TYPE | | | robe Ma | | | | | DA | TE 11/1/0 | | | | |
| | IZE (ID) IER WEIG | нт | | 2" NA | | <u> </u> | <u> </u> | | Gre | oundwater De | enth (feet): | | 4.0' | |
| | IMER FAL | | | NA | | | | | | Juna water Be | pin (leet). | | 1.0 | |
| DEDTY | IN- | | IPLE | | TEC | TIECE | ,ba | | n. | CODIDATO | N OF MATEI | DIATE | | pin |
| DEPTH (feet) | No. | DEP | 1H | F | REC | USC Syn | 1001 | | | | | | | PID ppm |
| 0 | 010 : | | | 8 | 80% | SM/G | P | | 0-2 | Sand and Si | lt with gravel, | Dark Brown | | - ^^ |
| i | G10-A | 0-0. | .5' | | | ļ | | | | | | | | 0.0 |
| 2 | G10-B | 1.5-2 | 2.0' | | | SM | | | | 2-3' Sand ar | nd Silt, Dark B | brown | | 0.0 |
| 3 | | | | | | SP | | | | 3-4' Sa | nd, Brown,we | t | | |
| 4 | G10-C | 3.5-4 | 10' | | | + | | | | End o | of Exploration | | | |
| 4 | GIO-C | ٠,٠.٠ | 7.0 | | | | | | | Lild | Lxpioration | | | |
| 5 | 1 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
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| 15 | | | | | - | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tn | ıck-mou | nted Geop | robe Rig | | · | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WELL | . INSTA | LLED: | | 1 | No | | | | START I | DATE: | 11/1/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: N | A | END DA | TE: | 11/1/2007 | | |
| NOTES: | | | | _ | | | | | | | | - T | | |
| Depths | asurements measured f t applicable | rom gro | | | als | | | | | | | | | |

| - | | | | | В | OR | ING L | OG | | | | | BOI | RING | NUMB | ER: P51-G11 |
|-----------------|--|--------|--------|-----------------|-------------|----------------|---------|------|-----------|--------|-----------------|------------------|----------|-------|-----------|----------------|
| SHAV | U ENIX | TD | | /CENT | PAT 6 |) _ | PROJEC | CT: | US Army | BRAC 2 | 2005 Site Inves | igation | јов : | NUMB | ER: | 124976 |
| | NFRA | | | | | Z | [| | | | | | CLIE | NT: | USACE | |
| H | AL KA | 311 | XUC | JUK | Ŀ | | LOCAT | ION: | Main Post | , FTMM | I, NJ | | | | | |
| | | | | | | | | | | _ | | | DRII | LER: | Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | OR: TVS | 8 | | | FIEL | D REP | : K.Gerde | s |
| | | | | SAMPI | ER | CA | SING | C | ORE BARR | EL | | DEPTI | OF GRO | OUNDV | VATER | |
| | TYPE | | Ge | oprobe Ma 2" | acroCore | | | | | | DATE 11/1/ | | | | | |
| | IZE (ID) IER WEIG | нт | + | NA | | <u> </u> | | | | | Groundwater I | Depth (feet): | | | 2.0' | |
| | MER FAL | | 1_ | NA. | | | | | | • | | | | | | |
| DEPEN | Day . | | MPLI | | nnc | | VICO 0 | | | | nno on mark | | | | | |
| DEPTH (feet) | No. | | РТН | <u></u> | REC | | USC Syn | | | | | ON OF MATE | | | | PID ppm |
| 0 | G11-A | | 0.61 | | 80% | \perp | SM/GI | P | | | 0-2' Sand and | Silt with gravel | Dark Bro | wn | | 1 |
| 1 | 511-A | | -0.5' | | | 土 | | | | | | | | | | 0.0 |
| 2 | G11-B/C | 1.4 | 5-2.0' | | | - - | ML | | | | 2 21 024 | Dorle Passer | t | | | |
| | G11-в/С | 1.3 |)-2.U | + - | | ╅ | MIL | | | | 2-3, 2111 | , Dark Brown, | wet | | | 0.0 |
| 3 | | | | | | - - | SP | | | | 3-4' 5 | and, Brown,we | t | | | |
| 4 | | | | | | - | | | | | End | of Exploration | | | | - |
| 4 | | | | | | \blacksquare | | | - | | | - | | | | |
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| 9 | 1 | | | | | - - | | | | | | | | | | |
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| | DIG TUD | | | | | | | | | | | | | | | |
| DRILLING | | | | ruck-mou | inted Geo | | Kıg | | | | | CE ELEVATIO | | | | |
| TEMPORA | RY WELL | INST | ALLE | D: | | No | | | | | START | DATE: | 11/1/ | 2007 | | |
| RISER FRO |)M: | NA | TO: | NA | SCREE | N FRO | OM: | NA | TO: | NA | END D | ATE: | 11/1/20 | 07 | | |
| NOTES: | | | _ | - | | | | | | | <u> </u> | | | | | |
| Depths 1 | asurements measured fit applicable | rom gr | | | rals | | | | | | | | | | | |

| | | | | В | ORING I | LOG | | | BORING | | R: P51-G12 |
|-----------------|--|--------------|----------|-----------------|-----------|-------|--------------|-----------------------------|------------------------|------------|--|
| | V ENV NFRA | | | ENTAL & | PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUMBE | | 124976 |
| | | | | | CONTI | RACTO | DR: TVS | | DRILLER: FIELD REP: | Frank Acco | orsi |
| | | | S | AMPLER | CASING | (| ORE BARREL | DEPTH | OF GROUNDW | ATER | |
| | TYPE | | Geopi | obe MacroCore | _ | | | DATE 11/6/07' | | | |
| | IZE (ID) MER WEIC | нт | | 2" NA | | 1 | | Groundwater Depth (feet): | | 5.0' | |
| | MER FAL | | | NA NA | | † | | | | | |
| | _ | | PLE | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syr | nbol | | DESCRIPTION OF MATER | | | PID ppm |
| 0 | Γ | | | 95% | ML/C | P | | 0-3' Silt, Brown, little g | ravel | | |
| 1 | G12-A_ | 0-0. | 5' | | _ | | | | | | 0.0 |
| 2 | G12-B | 1.5-2 | .0' | | | | | | | | 0.0 |
| | 1.22 | | | | SP | | | 2 Al Sandaniah annual Da | | | |
| 3 | | | | | 51 | | | 3-4' Sand with gravel, Br | own | | |
| 4 | | | | 100% | SM | | | 4-5" Silt with sand, Bro | wn | | 0.8 |
| 5 | G12-C | 4.5-5 | i O' | | ML | | | 5-8' Silt, Grey, little cla | ıv | | 8.0 |
| | 012-0 | 4.5 | | | | | | J o Bin, Grey, inde en | .9 | | |
| 6 | G12-D | 6-6. | 5' | | | | | | | | 16.0 64.0 |
| 7 | | | | | | | | | | | 60.0 |
| 8 | 1 | | | | _ | | | End of Exploration | | | 57.0 28.0 |
| 8 | | | | | | | | End of Exploration | | | 20.0 |
| 9 | | | | | | | | | | | |
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| 14 | <u> </u> | <u> </u> | | | | | | | | | |
| 15 | | | | | | | | | • | | |
| 16 | | | | | | | l | <u> </u> | | | |
| DRILLING | RIG TYP | E: | Tru | ck-mounted Geor | probe Rig | | | SURFACE ELEVATIO | N: | | |
| TEMPORA | RY WELI | INSTA | LLED: | | Yes | | | START DATE: | 11/6/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 5' | TO: 10' | END DATE: | 11/6/2007 | | |
| OTES: | | | | | - | • | | -1- | | | |
| Depths | asurements measured i t applicable | from grou | | | | | | | | | |

| | - | - | | | ВС | ORING I | LOG | ı r | | | BORIN | G NUMBE | R: P51-H1 |
|---------------------|----------------------------------|--------|------|---------------|------------------|--------------|------|-----------------|----------------|-------------------------|-----------------|-------------|--|
| SHAW | EN | ЛRC | NN | TEN' | ГАТ. & | PROJEC | CT: | US Army BRAC | 2005 Site Inve | stigation | JOB NUM | BER: | 124976 |
| | NFRA | | | | | LOCAT | ION: | Main Post, FTMI | a, nj | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | : Frank Acc | orsi . |
| | | | | | | | _ | | | | FIELD RE | P: K.Gerdes | |
| | | | | SAMPL | | CASING | С | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | DATE 11/1 | /07' | | - | |
| HAMM | ER WEI | | 1 | NA | | | | | Groundwater | Depth (feet): | | 3.5' | |
| HAM | MER FA | | APLE | NA | | | | | <u> </u> | <u> </u> | | | + |
| DEPTH (feet) | No. | DEP | | | REC | USC Syn | ıbol | | DESCRIPTI | ON OF MATER | IIALS | | PID ppm |
| 0 | H1-A | 0-0 | 5' | | 85% | SP | | | 0-1 | Sand, Light Bro | wn | | 0.0 |
| i | III-A | 0-0 | | | | SP | | | 1-2' Sand, | Dark Brown, litt | le silt | | 0.0 |
| 2 | Н1-В | 1.5- | 2.0' | | | SM | | | 2-4' Sand | with clay, Light I | Brown | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | H1-C | 3-3 | .5' | | | | | | En | wet d of Exploration | | | |
| 4 | | | | | | | | | 1511 | a of Exploration | | | |
| 5. | - | | | | | | _ | | | | | | 1 |
| | <u> </u> | | | | | | | | | | | | |
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| DRILLING | DIG TV | DE. | To | uale man | nted George | oha Pir | | | SIDE | CE EI EVATIO | NI. | | - F |
| DRILLING TEMPORA | | | | | nted Geopre N | | | | 1 | CE ELEVATIO DATE: | n: 11/1/2007 | | |
| RISER FRO | | NA | TO: | | SCREEN | | NA | TO: NA | 1 | | 11/1/2007 | | |
| NOTES: | | | | | | | | | | | | | - |
| PID mea | asuremen measured applicab | from g | | | rvals | | | | | | | | |

| | | • | _ | E | ORING | LOC | } , | | | BORING | G NUMBE | R: P51-H2 |
|-----------------|------------------------------------|----------|-------------|----------------------------|-----------|--------|-------------------------------|------------------|---------------------------------------|---------------|---------------|--------------|
| | | | | IENTAL & | & | IECT: | US Army BRAC Main Post, FTMM | | igation | JOB NUM | BER: USACE | 124976 |
| | | | | | | TRACTO | | • | | DRILLER: | : Frank Acco | orsi |
| | | | | | | | 20DE DA DDES | Γ | DEDTI | OF CROUND | WATED. | |
| | ГҮРЕ | | | SAMPLER brobe MacroCore | CASING | + | CORE BARREL | DATE 11/1/0 | | OF GROUND | WAIER | |
| | ZE (ID) | | | 2" | _ | | | C 1 | 4 (5 - 5 | | 6.01 | ļ |
| HAMM | MER FA | | | NA NA | | - | | Groundwater D | epth (reet): | | 6.0' | |
| | | SAN | IPLE | | | | | | | · | | |
| DEPTH (feet) | No. | DEP | TH ' | REC | | ymbol | | | ON OF MATER | | | PID ppm |
| 0 | H2-A | 0-0 | 51 | 100% | S | М | 1 | 0-2' Sa | and with silt, Br | own | | 0.0 |
| 1 | 112-74 | | | | | | | | | | | |
| 2 | Н2-В | 1.5-2 | 2.0' | | S | W | | 2-4' Sand | with gravel, Br | own | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | - | | | | - | | - | | | | | |
| 4 | | | | 100% | SM | /GP | | 4-6' Sand with | h clay and grave | el, Beige | | 0.0 |
| 5 | | | | | | · | | | | | | |
| 6 | Н2-С | 5.5- | 6.0' | | | L | - | | 5' Clay, Beige | | | |
| 7 | | | | | SM | /GP | 6. | 5-7.5' Sand with | gravel with cla | y, Beige, wet | | |
| 8 | 1 | | | | S | P | | | little silt, mottle of Exploration | ed, wet | | |
| 8 | | | | | | | | | <u> </u> | | | |
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| 16 | - | | | | - | | | | | | - | |
| DRILLING | RIG TY | PE: | Тг | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 11/1/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | N/ | A TO: NA | END DA | ATE: | 11/1/2007 | | |
| NOTES: | | | | <u> </u> | | | | | - | | | |
| Depths | asuremer measured t applicat | l from g | | n 6" intervals surface | | | | | | | | |

| | | | | | В | OF | RING I | LOG | | • | | _ | |] | BORING | G NUMBE | CR: P51-H3 |
|-----------------|--|-----------|------------|---------|---------------|--------|---------|----------|------------|-------|----------|-----------|----------------------|---------|-----------|-------------|---------------|
| SHAW | ENV | VIR (| NN | TENT | rat. <i>s</i> | Z- | PROJEC | CT: | US Army B | RAC 2 | 2005 Sit | e Investi | gation | | OB NUMI | BER: | 124976 |
| | NFRA | | | | | × | LOCAT | ION: | Main Post, | FTMM | I, NJ | | | | CLIENT: | USACE | |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | P | DRILLER: | Frank Acc | orsi |
| | | | | | | | CONTR | ACTO | A. 175 | | | | | þ | FIELD RE | P: K.Gerdes | |
| | | | | SAMPL | | C. | ASING | С | ORE BARRE | | | | | н оғ | GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma | croCore | | - | | | | DATE | 11/1/0 | 7' | _ | | | |
| HAMMI | ER WEI | | | NA | - | | | | | | Ground | lwater D | epth (feet): | | | 2.5' | |
| HAM | MER FA | | (DI E | NA | | | | <u> </u> | | | <u> </u> | Į. | | | | | 1 |
| DEPTH (feet) | No. | DEP | IPLE TH | I | REC | Τ | USC Sym | ıbol | | | DESCI | RIPTIO | N OF MATE | RIAI | .s | | PID ppm |
| 0 | 112 A | 0.0 | | 1 | 00% | _ | SP | | | | 0-1'5 | Sand wit | h gravel, Brov | vn, lit | tle silt | | |
| 1 | H3-A | 0-0 | ر. | | | - | sw | | | | | 1-2' Sar | nd, Light Brov | wn | | | 0.0 |
| 2 | H3-B H3-C | 1.5-2 | | | | 1 | SW | | | | | 2-3' Sa | nd, Dark Brov wet | vn | | | 0.0 |
| 3 | | | | | - | 1 | SM | | | | 3-4 | ' Sand wi | ith clay, Dark | Brow | n | | |
| 4 | | | | | | + | | f | | | | End o | of Exploration | 1 | | | |
| 4 | | | | | | 7 | | | | | | | • | | | | |
| 5 | | | | | | + | | | | | | | | | | | |
| 6 | | | | | | - | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | |
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| 8 | | | | | | # | | | | | | | | | | | <u> </u> |
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| 9 | | | | | | 1 | | | | | | | | | | | |
| 10 | | | | | | 士 | | | | | | • | | | | | |
| 11 | ļ | | | | | + | | | | | | | | | | | ļ <u></u> |
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| 12 12 | | - | | | | + | | | | | | | | | | | 1 |
| | | | | | | 4 | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | | | | | |
| 14 | - | | | | | - | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |
| 16 | | | | | | + | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mou | nted Geor | robe | Rig | | | | s | SURFAC | E ELEVATION | ON: | | | • |
| TEMPORA | RY WEI | LL INST | ALLE | D: | | No | | | | | s | START I | DATE: | | 11/1/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREE | v FR | OM: | NA | TO: | NA | F | END DA | TE: | 11. | /1/2007 | | |
| NOTES: | | | | | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicat | l from gr | | | vals | | | | | | | | | | | | |

| | | | | В | ORING I | LOG | ; | | | BORIN | G NUMBE | ER: P51-H4 |
|-----------------|--|---------|------|---------------------------|-----------------|------|----------------|---------------------------------------|------------------|-------------------------|-----------------|---------------|
| | | | | IENTAL & | PROJEC LOCAT | ION: | Main Post, FTM | 2005 Site Investig | gation | JOB NUM CLIENT: DRILLER | USACE Frank Acc | 124976 |
| | | | | | | | | | | FIELD RE | P: K.Gerdes | |
| | | | | SAMPLER robe MacroCore | CASING | C | ORE BARREL | DATE 11/1/07 | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | 2" | | | | DATE 11/1/07 | | | | |
| | ER WEIO MER FAI | | | NA NA | | | | Groundwater De | pth (feet): | | 5.5' | |
| - HAWI | WER TAI | _ | IPLE | _ NA | | ١ | | .1 | | | | 1 |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | DESCRIPTION | OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | SM | | | 0-3' Sar | nd and Silt, Bro | wn | | |
| 1 | H4-A | 0-0 | .5' | | | | | | | | | 0.0 |
| 2 | H4-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| | 1 | | | | 974 | | | 2 4 5% | | | | |
| 3 | | | | | SM | | | 3-4 Sift W | ith sand, mottle | ea | | |
| 4 | | | | 100% | SM | | | 4-8' Sand | and Silt, mottle | ed. | | 0.0 |
| | | | | | | | | | | | | |
| 5 | H4-C | 5-5 | .5' | | _ | | | | wet | | | |
| 6 | | | | | _ | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | - | | | | | | | End o | f Exploration | | | |
| 8 | | | | | - | | | | | | | |
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| 13 | - | | | | - | | | | | | | |
| 14 | | | | | | | | | | | | |
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| 15 | - | | | - | - | | | | | | | |
| 16 | | | | | | | , | · · · · · · · · · · · · · · · · · · · | | | - | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | SURFAC | E ELEVATION | ī: | | |
| TEMPORA | RY WEL | L INST | ALLE | D : | No | | | START D | ATE: | 11/1/2007 | | ľ |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END DAT | ΓE: | 11/1/2007 | | ļ |
| NOTES: | | | - | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | ORIN | IG L | OG | | | BORING NUM | IBER: P51-H5 |
|-------------------------------|--|------------|------------|--------------------------|-----------|----------|--------------------|--------|-------------------------------|-----------------|-----------------|
| SHAW | EN | /TRC | N | ÆNTAL « | e. PR | OJECT | US Army BRA | C 20 | 05 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | CATIO | ON: Main Post, FT) | √M, ì | NJ | CLIENT: USAC | C Accorsi |
| | | | | | cc | NTRA | CTOR: TVS | | | FIELD REP: K.Ge | 1 |
| | | | | SAMPLER | CASI | ΝG | CORE BARREL | T | ДЕРТН | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore | | | | D | ATE 11/1/07' | | |
| HAMM | | GHT | | NA | | _ | | G | roundwater Depth (feet): | 5.5' | |
| | MER FA | LL_ | | NA | | | | 工 | | | |
| DEPTH | No. | SAN DEP | TH | REC | TIE | C Symb | al . | n | FCCDIDTION OF MATERI | 416 | , nun |
| (feet) | 110. | DEI | *** | REC | 030 | _ Syllib | <u> </u> | | ESCRIPTION OF MATERI | ALS | PID ppm |
| . 0 | 175 4 | | <i>c</i> : | 100% | | SM | | | 0-2' Silt and Sand, Light F | Brown | |
| 1 | H5-A | 0-0. | 3. | | | | | | 1" of coal | | 0.0 |
| 2 | Н5-В | 1.5-2 | 2.0' | | | SM | | | 2-4' Sand with silt, mottle | ed. | 0,0 |
| 3 | | - | | | _ | | | | | | |
| | | | | | | | | | | | |
| 4 | | | | 100% | | SM | | | 4-5.5' Sand and Silt, mottl | | |
| | | | _ | 10070 | | 5141 | | | 4-5.5 Sand and Sht, moth | eu | 0.0 |
| 5 | 175 C | | <u></u> | | _ - | | | ^. | 011 12 121 12 | | |
| 6 | H5-C | 5-5. | .5. | | | ML | | i.5-8' | Silt with sand, Black/Orange, | mottled, wet | |
| 7 | <u> </u> | | | | | | | | | | |
| | | | | | | | | | | | |
| 8 | <u> </u> | | | | | | | | End of Exploration | | |
| 9 | | | _ | | _ | | - . | | | | |
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| 13 | | | | | | | | | | | |
| 14 | | _ | | | + | | | | | | <u> </u> |
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| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | uck-mounted Geor | orobe Rig | | | | SURFACE ELEVATION | : | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | START DATE: | 11/1/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | V FROM: | | NA TO: N | Α | END DATE: | 11/1/2007 | |
| NOTES: | | | | | | | · · · · · · | | <u> </u> | | |
| PID mea Depths r NA=not | neasured | from gre | | a 6" intervals urface | | | | | | | |

| | | | | | В | ORING | LOG | | | | | | | BORING | NUMBI | ER: P51-H6 |
|-------------------------------|----------------|----------|------|---------------|-------------------|---------|--------------|------------|--------|-------|------------|-------------|---------|------------|------------|---------------|
| SHAW | ENV | ЛRC | NN | EN1 | ΓΑΤ. <i>&</i> | PROJI | CT: | US Army B | BRAC 2 | 005 S | ite Invest | igation | | JOB NUME | ER: | 124976 |
| | IFRA | | | | | | | | | | | | | CLIENT: | USACE | |
| _ | | | | | _ | LOCA | TION: | Main Post, | FTMM | , NJ | | | | | | |
| | | | | | | CONT | RACTO | R: TVS | | | | | | DRILLER: | Frank Acc | corsi |
| | | | | | | | | | | | | | | FIELD RE | : K.Gerdes | i |
| | | | | SAMPL | | CASING | C | ORE BARRE | | | | | ртн о | F GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe Ma 2" | croCore | | + | | | DATI | E 10/31. | /07' | | | | + |
| HAMMI | ER WEI | | | NA | | | | | | Grour | ıdwater D | epth (feet) |): | | 4.0' | |
| HAMN | AER FA | | IPLE | NA | | | | | | | | | | 1 | | + |
| DEPTH (feet) | No. | DEP | | | REC | USC Sy | mbol | | | DESC | CRIPTIO | N OF MA | TERIA | LS | | PID ppm |
| 0 | 176 1 | | | | 95% | SM | | | | | 0-4' Si | ilt and San | d, Brow | n | | |
| i | H6-A | 0-0 | · | | | GV | 7 | | | | | Gravel | | | | 0.0 |
| 2 | H6-B | 1.5- | 2.0' | | | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | | | |
| 4 | H6-C | 3.5- | 4 0' | | | | | | | | Fnd | of Explora | ation | | | |
| 4 | no-C | 3,5- | 4.0 | | | | | | | | End | OI Explora | ation | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | 1 | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
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| <u>8</u> | <u> </u> | | | | | | | | | | | | | | | |
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| 15 | | | | | | | = | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geopt | obe Rig | | | | | SURFA | CE ELEV | ATION: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | ľ | lo | | | | | START | DATE: | | 10/31/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | NA | TO: | NA | | END DA | ATE: | 10 | 0/31/2007 | | |
| NOTES: | | | | | | | | | _ | ٠ | | - | | | | |
| PID mea Depths r NA≕not | neasured | l from g | | | rvals | | | | | | | | | | | |

| | | | | | B | OI | RING | LOG | · | | - | | | | BOR | INC | G N | UMB | | I-H7 | |
|-----------------|--|--------------|-------------------|----------------|--|---------------------------------|---------|----------|----------------|--------|----------------|--------|-----------|-----------|----------------|--------|------|---------|-----------|------------|----------|
| SHAW | EN | VTR(| | TENT | <u> — </u> | } | PROJE | CT: | US Army I | BRAC 2 | 2005 Site Inve | estiga | ation | | JOB N | UMI | BER: | : | | 1976 | |
| | NFRA | | | | | ĸ. | LOCAT | ION: | Main Post, | FTMM | I, NJ | | | | CLIEN | | | SACE | | | |
| | | | | | | | CONTR | ACTO | OR: TVS | | | | | | DRILI FIELD | | | rank Ac | | | |
| | | | | SAMPL | | | ASING | | ORE BARRE | EL | | | | PTH (| OF GROU | UND | WA7 | TER | | | |
| | TYPE ZE (ID) | | Geop | orobe Ma 2" | croCore | _ | | _ | | | DATE 10/ | 31/07 | 7' | | | \Box | | | 丰 | | _ |
| HAMM | ER WEIG | | | NA | | _ | | | | | Groundwater | r Dep | th (feet) |): | | | 3. | 5' | + | | |
| HAM | MER FAI | | | NA | | _ | | | | | | | | | | | | | ightarrow | | |
| DEPTH (feet) | No. | DEP | APLE TH | I I | REC | I | USC Syn | 1bol | <u>-</u> | | DESCRIPT | ION | OF MA | TERL | ALS | | | | | PII ppr | |
| 0 | H7-A | 0-0. | | | 95% | 7 | MI | | | | | | ' topsoil | | | | | | T | | |
| 1 | h/-n | υ-υ. | 3 | <u> </u> | | 1 | ML | | | | 0.5-2.5' | Silt, | Brown, 1 | little sa | ınd | | | | \vdash | 0.0 |) |
| 2 | Н7-В | 1.5-2 | 2.0' | | | $\frac{\mathbb{T}}{\mathbb{T}}$ | - COV | | | | | | | _ | | _ | | | | 0.0 | 0 |
| 3 | | | \rightarrow | | | + | SW | | | 2.5 | i-4' Sand with | ı grav | ei, Ligh | it Brow | m, little si | ilt | | | - | | |
| 4 | Н7-С | 3-3. | .5' | $\overline{-}$ | | 7 | | | | | E. | , | · 1 | | | | | | | | |
| 4 | | <u> </u> | \exists | | | \pm | | | | | E | па от | Explora | tion | | | | | ╬ | | |
| 5 | <u> </u> | <u> </u> | | | | 7 | | | | | | | | | | | | | | | |
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| 6 | [| <u> </u> | | | | 7 | | \equiv | | | | | | | | | | | | | |
| 7 | | | = | i | | \pm | | | | | | | | | | | | | - | | |
| 8 | | <u> </u> | \Box | | | 7 | | | | | | | | | | | | | | | |
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| 10 | | | \longrightarrow | | | + | | - | | | | | | | | | | | \vdash | | |
| 11 | | | | $\overline{}$ | | 丰 | | | | | | | | | | | | | E | | |
| 12 | ┼ | | | i | | + | | \dashv | | | | | | | | | | | - | | |
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| 13 | | \vdash | | | | + | | \dashv | | | | | | | | | | | - | | |
| 14 | | <u> </u> | | | | 丰 | | | | | | | | | | | | | ļ | | |
| | | | | i | | 士 | | | | | | | | | | | | | }- | | |
| 15 | <u> </u> | <u> </u> | | | | Ŧ | | | | | | | | | | | | | | | |
| 16 | | | | | | 土 | | | | | | | | | | | | | 上 | | |
| DRILLING | RIG TY! | PE: | Tn | uck-mou | nted Geop | robe | Rig | | | | SURF | ACE | ELEVA | TION: | ; | | | | | | |
| TEMPORA | | | | | _ | No | - | | | | STAR | | | | 10/31/2 | 2007 | | | | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | I FRO | OM: | NA | TO: | NA | END I | DATE | 3: | 1 | 0/31/200 | 7 | | | | | , |
| NOTES: | | | | | | _ | | | | | | - | | _ | | | | | | | <u> </u> |
| Depths r | asurement measured applicable | l from gr | | | vals | | | | | | , | | | | | | | | | | |

| | | | | | В | OR | NG I | COG | - | _ | | | ВС | ORING | NUMB | ER: P51-H8 |
|-------------------------------|----------------|---------|-------|---------------|-----------|--------|-----------------|----------|---------------|-----|--------------------------|--------------------------------------|----------|---------|------------|---------------|
| SHAW | ENV FRA | | | | | ž | PROJEC LOCAT | | US Army E | | 2005 Site Inves I, NJ | stigation | CL | B NUME | USACE | 124976 |
| | | | | | | ľ | CONTR | ACT0 | R: TVS | | | | - 1 | | : K.Gerdes | |
| | | | | SAMPL: | | CAS | SING | С | ORE BARRE | EL | | | H OF GI | ROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE 10/3 | 1/07' | T | | | _ |
| HAMMI | ER WEI | | | NA | | | | | | | Groundwater | Depth (feet): | | | 4.0' | |
| HAMN | MER FA | | IPLE | NA | 1 | | | | | | [| | ٠ | | | |
| DEPTH (feet) | No. | DEP | | 1 | ÆC | U | SC Sym | bol | | | DESCRIPTION | ON OF MATE | RIALS | | | PID ppm |
| 0 | H8-A | 0-0. | 5, | 1 | 00% | - | ML | | | | 05255 | 0-0.5' topsoil ilt, Brown, little | s cond | | | 0.0 |
| 1 | 110-A | U-0. | _ | | | | MIL | | | | 0.3-2.3 3 | ii, diowii, iillic | , sanu | | | 0.0 |
| 2 | Н8-В | 1.5-2 | 2.0' | | | | sw | | | 2.4 | : 4! Cond with | gravel, Light Br | our litt | وانه ما | | 0.0 |
| 3 | | | | | | | 311 | | | 2 | Salid Willi | graver, Eight Bi | own, nu | ic siit | | |
| 4 | H8-C | 3.5-4 | | | | 4 | | | | | En | d of Exploration | | | | ļ |
| 4 | 110-0 | 3.5-4 | | | | | | | | | | I OI EXPIORATION | | | | |
| 5 | | | - | | | - | | | | | | | | | | |
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| 15 | | | | | | + | | | | | | | | | | - |
| 16 | | | | | | | | | | | 1 | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mou | nted Geop | robe R | Rig | | | | SURFA | CE ELEVATIO | ON: | | | į |
| TEMPORA | RY WEL | L INST | ALLEI | D: | 1 | No | | | | | START | DATE: | 10/ | 31/2007 | | |
| RISER FRO | M: | NA | то: | NA | SCREEN | FRO | М: | NA | TO: | NA | END D | ATE: | 10/31/ | 2007 | | |
| NOTES: | | _ | | | | | | | | | | | | | | - |
| PID mea Depths r NA=not | neasured | from gr | | | vals | | | | | | | | | | | |

| | | | | | B | OR | ING I | LOG | I | | | | | BORING | NUMBE | |
|-----------------|-------------------|-----------|---------|------------------|---------------|--------------|-------------|----------|--------------|-----------|-----------------------------|----------------------------------|----------|------------|-------------|------------|
| | | | | | | | PROJEC | | | | 06 Gia T | | | TOD NUM | ED. | P51-H9 |
| SHAW | EN | /IRC |)NN | IEN? | TAL & | & | PROJEC | .1: | US Army Br | RAC 20 | 005 Site Invest | igation | | JOB NUMI | SEK: | 124976 |
| II | VFR A | STR | UC | TUR | Œ | | LOCAT | ION. | Main Post, F | Thana | NIT | | | CLIENT: | USACE | |
| | | | | | | ŀ | LOCAL | ion: | Maii Post, F | I IVIIVI, | NJ | | | | | |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | | | | 110 | | | | | FIELD RE | P: K.Gerdes | |
| | | | | | | | | | | | | | | | | |
| • | ГҮРЕ | | | SAMPL robe Ma | ER croCore | CA | SING_ | <u>C</u> | ORE BARREI | | DATE 10/31 | | TH OF | GROUND | WATER | |
| SI | ZE (ID) | | | 2" | | | | | | | | | | | | |
| | ER WEIG MER FA | | | NA NA | | | | | | | Groundwater I | Depth (feet): | - - | | 5.5' | + |
| | | | IPLE | | | | | | | | | 1 | | | | |
| DEPTH (feet) | No. | DEP | ТН |] | REC | L | USC Syn | bol | | I | DESCRIPTIO | ON OF MAT | ERIA | LS | | PID ppm |
| 0 | | | | 1 | 100% | T | G1 *** | \Box | | | | 0-0.5' topsoil | | | | |
| 1 | H9-A | 0-0 | .5. | | | + | SM/GI ML | - | | (| 0.5-1' Sand wi 1-2' Silt | th silt with gra with sand, B | | srown | | 0.0 |
| 2 | 110 0 | | | | • | | | | | | | · | | | | |
| | Н9-В | 1.5-2 | 2.0" | | | + | SP | | | | 2-3' Sand, | Dark Brown, | little s | alt | | 0.0 |
| 3 | | | | | | \perp | ML | | | | 3-4' S | ilt, Brown Gr | een | | | |
| 4 | | | | | | _ | | | | | | | | | | <u> </u> |
| 4 | | | | | | \top | SP/CL | | | 4-5 | ' Sand with si | lty clay, Dark | Brow | n/Green | | 0.0 |
| 5 | | | | | | | SM | | | | 5-8' Sand | and Silt, mott | led, w | et | | |
| 6 | Н9-С | 5-5 | .5' | | | \dashv | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 7 | - | | | | | + | | | | | | | | | | |
| 8 | | | | | | | | | | | End | of Exploration | n | | | |
| . 8 | | | | | | ╬ | | | | | | | | | | |
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| 12 12 | | | | | | \bot | | | | | | | | | | -[|
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| 16 | | | | | | | | | | - | | | | | | <u> </u> |
| DRILLING | | | | | inted Geor | | Kig | | | | SURFA | CE ELEVAT | ION: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | | No | | | | | START | DATE: | | 10/31/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | I FRO | M: | NA | TO: | NA | END DA | ATE: | 10 | /31/2007 | | |
| NOTES: | | | | | | | | | | | • | _ | | | | |
| PID mea | asuremen | ts were t | aken ii | ı 6" inter | rvals | | | | | | | | | | | |
| Depths | measured | from gr | | | | | | | | | | | | | | |
| NA=not | applicab | ic. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| | | | | В | ORING | LOC | | | | BORING | S NUMBEI | R: 51-H10 |
|-----------|----------------------------------|------------|------|--------------------------------------|---------------|--------|-----------------------------|-------|--|------------|-------------|---------------|
| | | | | IENTAL & | PROJE | | US Army BRA Main Post, FTM | | 5 Site Investigation | JOB NUMI | | 124976 |
| | | | | | CONT | RACTO | | | | DRILLER: | Frank Accor | rsi |
| | | | | SAMPLER | CASING | | ORE BARREL | | | F GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | D/ | ATE 10/31/07' | | | _ |
| HAMMI | | ЭНТ | | NA NA | | + | | Gn | oundwater Depth (feet): | | 4.0 | |
| HAMN | MER FAI | | | NA | | | | | | | | |
| DEPTH | No. | SAN DEP | IPLE | REC | USC Sy | mhol | | DE | SCRIPTION OF MATERIA | AT.S | | PID |
| (feet) | 10. | DEI | *** | | USC Sy. | in DUI | | | | | | ppm |
| 0 | H10-A | 0-0 | .5' | 95% | sw | | | | 0-0.5' topsoil 0.5-2.0' Sand with gravel, Bro | wn | | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | H10-B | 1.5-2 | 2.0' | | SM/C | SP | | | 2-4' Sand and Silt with gravel, | wet | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | H10-C | 3.5-4 | 1.0' | | | | | | End of Exploration | | | |
| 4 | | | | | - | | | | | | | <u> </u> |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
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| 16 | | | | | | , | l | | evina i en mi mi mi mi | | | <u>'</u> |
| DRILLING | | | | uck-mounted Geop | | | | | SURFACE ELEVATION: | | | |
| TEMPORAL | | | | • | No N EDOM: | NI 4 | . TO: 31 | ٨ | START DATE: | 10/31/2007 | | |
| RISER FRO | n√1: | NA ——— | TO: | NA SCREE | N FROM: | NA | A TO: N | A | END DATE: 1 | 0/31/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urfac e | | | | | | | | |

| | | | | | В | ORING | LOG | ; | | | | BORIN | G NUMBE | R: P51-H11 |
|-----------------|----------------------------------|------------|----------|------------------------|----------|--------------|----------|--------------|-------|--------------------|------------------|---------------|--------------|---------------|
| SHAW | EN | VTRO |)NN | TENT. | AT. & | PROJE | CT: | US Army B | RAC 2 | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | | LOCAT | IION: | Main Post, I | FTMM | i, Nj | | CLIENT: | USACE | |
| | | | | | | CONTI | RACTO | OR: TVS | | | | DRILLER | : Frank Acc | orsi |
| | | | _ | | | | | | | | | FIELD RI | EP: K.Gerdes | |
| | | | | SAMPLE | | CASING | C | ORE BARRE | L | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe Macro 2" | oCore | | 1 | | | DATE 10/31 | /07' | ſ | - | |
| HAMM | ER WEI | | | NA | | | | | | Groundwater D | epth (feet): | | 5.0' | |
| HAM | MER FA | | <u> </u> | NA | | | <u> </u> | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | TH | RE | C | USC Syr | nbol | | | DESCRIPTIO | N OF MATE | RIALS | | PID ppm |
| _0_ | | | | 75 | % | | | | | 0-1' | asphalt and gra | /eI | | |
| | - | - | | | | CL/S | p | | 1.5 | 3.5' Silty clay, L | ight/Dark Brow | n little cand | | 0.0 |
| | H11-A | 1-1 | .5' | | | CLIS | | | 1 | o.o only clay, i. | aguv Daik Diov | n, mue sanu | | |
| 2 | H11-B | 1.5- | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| | | | | | | SW | | | | | ith gravel, Darl | Brown | | |
| 4 | H11-C | 4-4 | .3. | | | | | | | End | of Exploration | | | + |
| | | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tri | uck-mount | ed Geopr | obe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | N | | | | | START | | 10/31/200 | 7 | |
| 1 | | | | | | | | TO. | | | | | , | |
| RISER FRO |)М: | NA | то: | NA S | CREEN | FROM; | NA | TO: | NA | END DA | VTE: | 10/31/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremen measured applicab | i from g | | n 6" interva urface | ıls | | | | | | | | | |

| | | | | | ВО | RING | LOG | , | | | | BORIN | G NUMBI | ER: P51-H12 |
|--------------------|----------------------|------------------|---------|---|----------|--------------|----------|--------------|-------|----------------|------------------------------------|--------------|----------------|----------------|
| SHAW | ENV | ЛRC | NN | TENTA | T. & | PROJE | CT: | US Army B | RAC 2 | 005 Site Inves | tigation | JOB NUM | BER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Main Post, I | FTMM | , NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER | : Frank Ac | corsi |
| | | | | | | 00 | | | | | | FIELD RE | CP: K.Gerdes | · |
| | | | | SAMPLER | | CASING | _ c | ORE BARRE | | DATE 10/2 | | OF GROUNI | WATER | |
| | YPE Œ (ID) | | Geor | robe Macrot | Core | | | | - | DATE 10/31 | 1/0/ | | - | |
| HAMMI | | | | NA | | | | | | Groundwater I | Depth (feet): | | 8' | |
| HAMN | MER FAI | | IPLE | NA | | | \vdash | | | | ļ | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Syn | | | | | ON OF MATE | | | PID ppm |
| 0 | H12-A | 0-0 | 5' | 50% | - | SM/G | Р | | | 0-1' Sand with | silt with gravel | , Dark Brown | | 0.0 |
| 1 | 2-A | 0-0 | | | | GW | | | | 1-2' Sand ar | nd Gravel, Light | Brown | | |
| 2 | H12-B | 1.5-2 | 2.0' | | | SM/G | P | | 2- | 4' Sand with s | ilt with gravel, l | Oark Brown | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | 4 01 0 | | | | 17.0 |
| 4 | H12-C | 4-1 | 8' | 50% | , | SW | | | | | d, cobbles, bent drocarbon odor | onite | | 17.0 |
| 5 | | | | | | | | | | • | | | | |
| 6 | | | | | | | | ı | | | | | | |
| 7 | | | | | | | | 1 | | | | | | |
| | | | | | | | | | | E-4 | l effectement | | | |
| 8 | | | | | | | | | | End | of Exploration | | | |
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| 16 | | | | | | - | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mountee | i Geopro | be Rig | | L | | SURFA | CE ELEVATIO |)N: | | |
| TEMPORA | | | | | No | | | | | | DATE: | 10/31/200 | 7 | |
| RISER FRO | M: | NA | то: | NA SC | CREEN F | ROM: | NA | TO: | NA | END D | ATE: | 10/31/2007 | | |
| NOTES: | | | | | | · | | | | | | | | |
| Depths i NA=not | neasured applicat | l from gr ole | round s | n 6" interval surface) low recover | | obble refusa | I | | | | | | | |

| | | | | H | BORIN | G LO | G | | | BORING NUMBE | R: P51-I1 |
|-----------------|-----------------|-----------|------|--------------------------|-----------|--------|-------------------|-------------------|--------------------|----------------------|--------------|
| SHAW | EN | VIRC | NIV | TENTAL (| e, PRO |)JECT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | CLIENT: USACE | |
| _ | | | | | LOG | CATION | : Main Post, FTMN | 1, NJ | | | |
| | | | | | cor | NTRAC | TOR: TVS | | | DRILLER: Frank Acco | orsi |
| | | | | | | | | | | FIELD REP: K. Gerdes | |
| | | | | SAMPLER | CASIN | G | CORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 11/5/ | 07' | | |
| HAMM | ER WEI | | | NA . | | | | Groundwater I | Depth (feet): | 6.5' | |
| HAM | MER FA | | IPLE | NA | | _ | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | 1 | DESCRIPTIO | ON OF MATER | IALS | PID ppm |
| 0 | | | | 75% | 1 | ML | | 0-1' Si | ilt, Brown, little | sand | |
| 1 | I1-A | 0-0. | .5' | | - | GM | - <u> </u> 1. | 4' Silt, with san | ıd, with gravel, L | ight Brown | 0.0 |
| 2 | I1-B | 1.5-2 | 2.0' | | | | - | | | | 0.0 |
| | | | | | | | _ | | | | |
| 3 | | | | | | - | _ | | | | |
| 4 4 | | | | 100% | - | ML | | 4.6' Silt | , Brown, little sa | nd . | 0.0 |
| | | | | 10070 | | WIL | | 4-0 Sik | , 510411, 11110 30 | 110 | 0.0 |
| 5 | ├ | - | | | | | - | | | | |
| 6 | | | | | | SP | _ | 6-8' Sa | and, Light Brown | 1 | |
| 7 | 11-C | 6-6 | .5. | | | - | _ | | wet | | |
| 8 | | | | | | | | End | of Exploration | | |
| 8 | | | | | | | | End | or exploration | | |
| 9 | - | | | | | | - | | | | |
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| 16 | DIG TV | DE. | т- | ack-mounted Geo | araba Pic | | <u> </u> | CLIDEA | CE EI EVATIO | ΔĪ. | 1 |
| DRILLING | | | | | _ | | | | CE ELEVATIO | | |
| TEMPORA | | | | | Yes | | S' TO: 101 | START | | 11/5/2007 | |
| RISER FRO | /IVI: | NA . | TO: | NA SCREE | v PROM: | | 5' TO: 10' | END DA | 11E: | 11/5/2007 | |
| NOTES: | | | | | | | | | | - | |
| Depths 1 | | l from gr | | n 6" intervals urface | | | | | , | | • |
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| | | | | В | ORING | LO | 3 | | | <u>-</u> | BORIN | G NUMBI | ER: P51-12 |
|------------------|--|-----------|------|--------------------------|----------|--------------------------|--------------|------|----------------|-------------------|-------------------------|-------------------|-----------------|
| | | | | IENTAL & | LOC | JECT: ATION: TRACT | Main Post, I | | 05 Site Invest | igation | JOB NUM CLIENT: DRILLER | USACE : Frank Acc | 124976 corsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | | CORE BARRE | | ATE 10/31 | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Сеор | robe MacroCore 2" | | | | D. | ATE 10/31. | | | | |
| HAMM | ER WEI | | | NA NA | | | | G | roundwater D | epth (feet): | | 6.0' | |
| HAM | VIEK FA | | IPLE | NA I | | | <u> </u> | | . | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | ymbol | 1 | D | ESCRIPTIO | N OF MATER | IIALS | | PID ppm |
| 0 | | | | 70% | S | M | | | 0-2' Sand | with silt, Dark | Brown | | |
| 1 | I2-A_ | 0-0 | .5' | | | | | | | | | | 0.0 |
| 2 | I2-B | 1,5-2 | 2.0' | | | P | | | 2-4' | Sand, Brown | | | 0.0 |
| | | - 10 | | | | | - | | | . , | | | |
| 3 | | | | | | | 1 | | | | | | |
| 4 | \vdash | - | | 100% | | SP . | | | 4-6.5' Sand, | Brown, little gra | vel;silt | | 0.0 |
| 5 | | | _ | | | |] | | | | | | |
| | | | | | ļ | | | | | | | | |
| 6 | I2-C | 5.5-0 | 5.0' | | S | w | - | 6.5- | 8' Sand with g | gravel, Brown, 1 | nottled, wet | | - |
| 7 | ļ | | | | | | - | | | | | | |
| 8 | | | | | | | - | | End | of Exploration | | | |
| 8 | <u> </u> | | | | | | 1 | | | | | | |
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| 16 | | | | - | | | - | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe Rig | | • | | SURFA | CE ELEVATIO | N: | | , , |
| TEMPORA | | | | - | No | | | | START | | 10/31/2007 | 7 | |
| RISER FRO | | NA | TO: | NA SCREE | N FROM: | N | A TO: | NA | END DA | ATE: | 10/31/2007 | | |
| NOTES: | | | _ | | | | | | 1 | | | | |
| PID me Depths | asuremer measured t applical | i from gr | | n 6" intervals urfacè | | | | | | | | | |

| | | | | | В | ORING I | LOG | | | · | _ | BORIN | G NUMBE | CR: P51-J3 |
|-----------------|----------------------------------|--------------|----------|----------------------|------------|---------|------------|------------|----|----------------|--------------------|---------------------|----------------|---------------|
| SHAW | | | | IENT | | PROJEC | | US Army Bl | | 005 Site Inves | tigation | JOB NUM | IBER: USACE | 124976 |
| | | | | | | CONTR | | | | •• | | DRILLEF FIELD RI | R: Frank Acc | |
| | | | | SAMPL | ER | CASING | С | ORE BARRE | | - | | OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | стоСоге | | | | | DATE 11/5/ | 07' | | <u> </u> | |
| HAMM | ER WEI | | | NA | | | | | | Groundwater I | Depth (feet): | | 3.0' | |
| HAM | MER FA | | <u> </u> | NA | | | | | | | | | | ļ |
| DEPTH (feet) | No. | DEP | TH | I | REC | USC Syn | ıbol | | 1 | DESCRIPTIO | ON OF MATER | UALS | | PID ppm |
| 0 | | | | | 75% | SP | | | | 0-1' Sand | Brown, little gr | avel,silt | | |
| 1 | 13-A | 0-0 |).5' | | | ML/G | P | | | 1-2' Silt with | sand, Brown, lit | le gravel | | 0.0 |
| 2 | I3-B | 1.5- | 2.0' | | | ML | _ | | | 2-4' Silt | , Brown, little sa | and | | 0.0 |
| 3 | I3-C | 2.5- | 3.0' | | | | | | | | | | | |
| 4 | | | | | | - | | | | End | of Exploration | | | |
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| 16 | | <u> </u> | | | | 1 | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geopr | obe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: |) | 'es | | | | START | DATE: | 11/5/2007 | 7 | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | 3' | TO: | 8' | END D | ATE: | 11/5/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremen measured applicat | i from g | | n 6" inter urface | vals | | | | | | | | | |

| | | - | |] | BO | RING I | LOG | | | | | BO | RING | NUMBE | R: P51-I4 |
|-----------------|-------------------------------------|--------------|-------|---------------------------|----------|----------|----------|--------------|-------|-----------------|------------------|---------|---------|------------|--------------|
| SHAV | V EN | VIRC | NN | ŒNTAL | & | PROJEC | CT: | US Army B | RAC 2 | 005 Site Invest | tigation | | NUMBE | | 124976 |
| I | NFRA | ASTR | UC | TURE | | LOCAT | ION: | Main Post, l | FTMM | , NJ | | CLI | ENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRI | LLER: | Frank Acco | orsi |
| | | | | | | | | | | | | FIE | LD REP: | K. Gerdes | |
| | | | | SAMPLER | | CASING | С | ORE BARRE | L | | | OF GR | OUNDWA | ATER | |
| | TYPE IZE (ID) | | Geop | orobe MacroCore 2" | \vdash | _ | <u> </u> | | | DATE 10/31 | 1/07' | T | | | - |
| | IER WEI | GHT | | NA NA | 1 | | | | | Groundwater I | Depth (feet): | | 2. | .5' | |
| | MER FA | | | NA | | | Ĺ, | | Ī | | | J | | | |
| N. Filman | Ist. | | PLE | 220 | | TIEC C- | | | | DESCRIPTION | N OF MATER | DIAFE | | | DID. |
| DEPTH (feet) | No. | DEP | 1.H | REC | | USC Sym | 1001 | | | DESCRIPTIO | ON OF MATE | RIALS | | | PID ppm |
| 0 | İ | | | 70% | | sw | | | | 0-4' San | d, Brown, little | gravel | | | |
| | I4-A | 0-0 | .5' | | \dashv | | | | | | | | | | 0.0 |
| 1 | - | - | | | | <u> </u> | | | | | | | | | |
| 2 | I4-B | 1.5-2 | | | | | | | | | | | | | 0.0 |
| | I4-C | 2-2 | .5' | | _ | | | | | | wet | | | | i |
| 3 | - | - | | | | _ | | | | | | | | | |
| 4 | | | - | | | | | | | End | of Exploration | | | | |
| 4 | | | | | _ - | | | | | | | | | | |
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| 12 12 | | \vdash | | | \dashv | | | | | | | | | | + |
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| 13 | | | | | 耳 | | | | | | | | | | |
| 14 | | 1- | | l | \dashv | - | | | | | | | | | |
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| DRILLING | RIG TY | PE: | Tr | uck-mounted Ge | oprob | e Rig | | | | SURFA | CE ELEVATIO | ON: | | | - |
| TEMPORA | ARY WE | LL INST | ALLE | D: | No | | | | | START | DATE: | 10/3 | 31/2007 | | |
| RISER FR | | NA | TO: | NA SCRE | en Fi | ROM: | NA | TO: | NA | END D | | 10/31/2 | | | |
| NOTES: | | | | | | | | | | <u> </u> | | Ī | - | | |
| Depths | easurement measure ot applica | d from g | | n 6" intervals surface | | | | | | | | | | | |

| | | | | | ORING | LOC | <u> </u> | | | BORING | G NUMBE | CR: P51-I5 |
|-------------------------------|----------|------------|---------|---------------------------|-----------|-------|---------------------|------------------|----------------------|-----------|--------------|---------------|
| SHAW | ENV | VIRC | - NN | TENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | LOCAT | rion. | Main Post, FTMM | NI | | CLIENT: | USACE | ŀ |
| | | | | | LOCA | i iOi | Main Fost, F Tivity | , 143 | | DRILLER: | Frank Acc | |
| | | | | | CONTI | RACTO | OR: TVS | | | 1 | | |
| | | | | | L | | | | | FIELD RE | P: K. Gerdes | |
| | YPE | | | SAMPLER robe MacroCore | CASING | - | CORE BARREL | DATE 11/5/0 | | OF GROUND | WATER | |
| SIZ HAMME | E (ID) | зит | | 2" NA | | | | Groundwater D | | | 4.0' | |
| | IER FA | LL | | NA NA | | | | Glottiidwater L | Jepui (leet). | | 4.0 | |
| | No. | SAM DEP | TH | REC | USC Syr | nbol | | DESCRIPTIO | ON OF MATERI | ALS | | PID |
| (feet) | | | | 75% | ML | - | <u> </u> | 0-0.5' Silt, | Dark Brown, litt | le sand | | ppm |
| 1 | I5-A | 0-0. | 5' | | GP SP | | 0. | 5-1' Sand and G | iravel with silt, Li | ght Brown | | 0.0 |
| 2 | I5-B | 1.5-2 | 0,0 | | | | | | , mue giarel, | , | | |
| | 13-B | 1.3-4 | 2.0 | | | | | | | | | 0.0 |
| 3 | | | | | | | | fa | int tar smell | | | |
| 4 4 | 15-C | 3.5-4 | 1.0' | | | | | End | of Exploration | | | |
| 5 | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | <u> </u> |
| DRILLING | RIG TY | PE: | Τn | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATION | : | | |
| TEMPORAL | RY WEL | L INST | ALLE | D; | Yes | | | START | DATE: | 11/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 3' | TO: 8' | END DA | ATE: | 11/5/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | _ |

| | | | | | во | RING I | COG | , | | | BORIN | G NUMBI | CR: P51-I6 |
|-----------------|----------------------------------|---------|------|--------------------------|-----------|---------|------|----------------|-------|----------------------------|------------|---------------|---------------|
| | | | | IENTAL | & | PROJEC | CT: | US Army BRAC | 2005 | Site Investigation | JOB NUM | | 124976 |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTM | M, N. | J | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER | : Frank Acc | corsi |
| | | | | | | | | | | | FIELD RE | CP: K. Gerdes | |
| | | | | SAMPLER | | CASING | С | ORE BARREL | 1 | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | - | | | | DA | TE 10/31/07' | | | |
| | ER WEIC | | | NA NA | - | | | | Gro | oundwater Depth (feet): | | 2.0' | |
| | | SAN | IPLE | | | | | | -l | | | · | 1 |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | ibol | | DE | SCRIPTION OF MATERI | ALS | | PID ppm |
| 0 | I6-A | 0-0 | 51 | 75% | _ | SP | | - | | 0-1' Sand, Brown | | | 0.0 |
| 1 | IV-A | | | - | | SW | | | | 1-4' Sand, Brown, little s | lt | | |
| 2 | I6-B/C | 1.5-2 | 2.0' | | | | | | | wet | | | 0.0 |
| 3 | | | | _ | \exists | | | | | | | | |
| 4 | | | | | | | | | | End of Exploration | | | |
| 4 | | | | | \dashv | | | | | | | | |
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| 16 | | | | | | | | | | | _ | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Ge | oprol | e Rig | | | | SURFACE ELEVATION | l: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | , | | | | START DATE: | 10/31/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA SCRE | EN F | ROM: | NA | TO: NA | | END DATE: | 10/31/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | во | RING | LOG | } | | | | BORIN | G NUMBE | R: P51-I7 |
|------------------|------------------------------------|--------------|--|--------------------------|--------------|---------|--|----------------|----------|--------------|-------------------|------------------|---------------|-----------------|
| SHAW | EN | VIRC | NN | ŒNTAL | & | PROJE | CT: | US Army BRAC | 2005 S | Site Investi | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Main Post, FTM | M, NJ | | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | : Frank Acco | orsi |
| | | | | | | | | | | | | FIELD RE | EP: K. Gerdes | |
| | | | | SAMPLER | _ | CASING | · c | ORE BARREL | | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCor 2" | e — | | | · | DAT | E 10/31 | <u>′07'</u> | | | |
| | ER WEI | GHT | | NA NA | 1 | | | | Grou | ndwater D | epth (feet): | | 2.5' | - i |
| HAM | MER FA | LL | | NA | | | | | <u> </u> | | | | | |
| | Ta | | IPLE | | | ***** | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Syn | ıbol | | DES | | N OF MATER | | | PID ppm |
| 0 | 17-A | 0-0. | 5' | 75% | - | SP | | | | 0-2' Sa | nd, Brown, little | e silt | | 0.0 |
| 1 | 17-74 | U- 0. | | | | | | | | | | | | 0.0 |
| 2 | I7-B | 1.5-2 | | | | SM | | | | 2-4' Si | Ity sand, Brown | 1 | | 0.0 |
| 3 | I7-C | 2-2 | .5' | | | - | | | | | wet | | | } |
| | <u> </u> | | | | | | | | | | | | | |
| 4 | - | - | | | \dashv | | | | | End | of Exploration | | | 1 |
| 5 | | | | | | | | | | | | | | |
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| 12 | 1 | | | | | | | | | | | | | |
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| 14 | 1 | | | | | | | | | | | | | |
| 15 | | | | * | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| DRILLING | I RIGTY | PF. | т- | uck-mounted G | eoprol | ne Ria | | | | SIDEVO | E EI EVATIO | NT- | | 1 |
| TEMPORA | | | | | eoproi No | _ | | | | START | E ELEVATIO | N: 10/31/2007 | 7 | |
| RISER FRO | | NA NA | TO: | NA SCRI | | | ŊΔ | TO: NA | | END DA | | 10/31/2007 | • | |
| NOTES: | | | | | | | | . 10. NA | | DIND DA | | 13/3//2007 | | |
| PID me Depths | asuremer measured t applicat | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | | ВС | ORING I | LOG | | | | BORING | G NUMBE | R: P51-I8 |
|-----------------|-----------------|-----------|--------------|----------------------|------------|---------|----------|-------------|--------|---|--------------------------|---------------|--|
| SHAW | | | | IENT TUR | | PROJEC | | US Army BRA | | 5 Site Investigation | JOB NUM | BER: USACE | 124976 |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER | Frank Acc | orsi |
| | | | | SAMPLE | | CASING | С | ORE BARREL | | | OF GROUND | WATER | , |
| | TYPE ZE (ID) | | Geop | robe Mad 2" | roCore | | | | D. | ATE 10/31/07' | | | |
| HAMM | ER WEIG | | | NA NA | - | | | | Gı | roundwater Depth (feet): | | 4.0' | |
| | | SAN | PLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ГН | R | EC | USC Syn | ıbol | | D | ESCRIPTION OF MATERIA | ALS | | PID ppm |
| 0 | I8-A | 0-0. | 5' | 9 | 5% | GW | \dashv | | 0.5 | 0-0.5' topsoil I' Sand and Gravel, Dark Brow | um/Black | | 0.0 |
| 1 | 10-A | 0-0. | | | | GW | | | 0.5 | 1-2' Sand and Gravel, Light B | | | 0.0 |
| 2 | 18-B | 1.5-2 | 2.0' | | | ML/G | P | | 2-4' S | ilt, Dark Brown,little gravel;sa | nd;clay,wet | | 0.0 |
| 3 | | | | | | | | | | | | | |
| | | | | | | | | | | F 1 6P 1 3 | | | |
| 4 | I8-C | 3.5-4 | 1.0" | | | | | | | End of Exploration | | | |
| 5 | _ | | | | | | | | | | | | |
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| DRILLING | DIG 727 | DE. | | uak ==== | nted Geopr | oha Pic | | | | SURFACE ELEVATION | | | |
| DRILLING | | | | | = | _ | | | | START DATE: | | | |
| TEMPORA | | NA NA | ALLEI TO: | | SCREEN | EDOM: | NI A | TO: 1 | NA | | 10/31/2007 10/31/2007 | | |
| RISER FRO | ,ı*1. | 11/1 | 10. | | JUNEEN | I NOM. | INA | | | LIND DATE. | 10/31/2007 | | |
| | measured | l from gr | | n 6" inter urface | vals | | | | | | | | |

| | | | | E | ORING | LOC | 3 | | | BORIN | G NUMBE | CR: P51-I9 |
|------------------|--|------------|------------|--------------------------|-----------|-------|-----------------|------------------|--------------------|------------|--------------|---------------|
| CTTAXX | / IDAN | · · · · · | NATA. | TENTE A T | PROJ | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | IENTAL & TURE | œ | | | | | CLIENT: | USACE | |
| ш | VPK A | 191 K | | IUKE | LOCA | TION: | Main Post, FTMN | i, nj | | | | |
| | | | | | | | | | | DRILLER | Frank Acc | orsi |
| | | | | | CONT | RACT | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| · · · · · · | | | | SAMPLER | CASING | Τ. | CORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | DATE 10/31 | | | | |
| | ZE (ID) ER WEI | GHT | | 2" NA | | + | | Groundwater I | Depth (feet): | | 4.0' | |
| HAM | MER FA | | | NA | | | | | | | · | |
| DEPTH | No. | SAN DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTIO | ON OF MATER | IALS | | PID |
| (feet) | | | | 100% | M | | <u> </u> | 0-3' Silt, | Dark Brown, litt | le clay | | ppm |
| ı | 19-A | 0-0. | .5' | | GV | J | | | Gravel | | | 0.0 |
| | | | | | | | 1 | | Jiavel | | | |
| 2 | I9-B | 1.5-2 | 2.0' | | | | - | | | | | 0.0 |
| 3 | | | | | SI | |] | 3-4' Sand, Da | rk Brown, little : | silt, wet | | |
| 4 | 19-C | 3.5-4 | 4.0' | | | | | End | of Exploration | | | <u> </u> |
| 4 | | | | | | | | | • | | | |
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| 14 | - | | | | | | - | | | | | |
| 15 | | | | - | | | 1 | | | | | |
| 16 | <u> </u> | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | | | | | No | | | START | | 10/31/2007 | , | |
| RISER FRO | | NA | TO: | NA SCREE | | N | A TO: NA | END DA | | 10/31/2007 | | |
| NOTES: | - | | | | | | | ı | | | | |
| PID me Depths | asuremer measured t applical | d from gr | | n 6" intervals urface | | | | | | | | |

| | | | - | | В | ORIN | G L | OG | | | BORING | G NUMBE | R: P51-110 |
|-----------------|----------------------------------|--------|------|----------------------|-----------|----------|-------------|--------------------|--------------------|--------------------|------------|--------------|---------------|
| SHAW | | | | | | PR | OJECT | US Army BRAC | 2005 Site Investig | ation | JOB NUMI | BER: | 124976 |
| IN | IFRA | STR | RUC | TUR | E | LO | CATIC | ON: Main Post, FTM | I, NJ | | | | |
| | | | | | | cc | ONTRA | CTOR: TVS | | | DRILLER: | | orsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | 3/DF | | | SAMPLE | | CASI | NG | CORE BARREL | DATE 11/5/07 | | OF GROUND | WATER | , |
| | YPE ZE (ID) | | Оеор | robe Mac 2" | rocore | | | | DATE 11/3/0/ | | | | † 1 |
| HAMMI | | | | NA | | | | | Groundwater De | pth (feet): | | 4.0' | |
| HAMI | MER FAI | | IPLE | NA | | | | | l | | | | |
| DEPTH (feet) | No. | DEP | | | EC | | C Symb | ol | DESCRIPTION | | | | PID ppm |
| 0 | I10-A | 0-0 | 51 | 7 | 5% | <u> </u> | ML/GP | | 0-2' Silt with a | gravel, Brown, l | ittle sand | | 0.0 |
| 1 | 110-A | 0-0 | ., | | | | | | | | | | |
| 2 | I10-B | 1.5-2 | 2.0' | | • | 1 | ML/GP | | 2-4' Silt, Brown | , little gravel,sa | nd, wet | | 0.0 |
| 3 | | | | | | - | SP | | 3' Sand | l lense, Brown | | | |
| 4 | I12-C | 3.5- | 4.0' | | | - | | | End o | f Exploration | | | |
| | | | | | | | | <u></u> | | | | | |
| 55 | | | | | | + | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| 15 | | | | | • | | | | | | | | |
| 16 | - | | | | | <u> </u> | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mour | nted Geop | robe Rig | ; | | SURFAC | E ELEVATION | l: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | , | Yes | | | START D | ATE: | 11/5/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM | : | 3' TO: 8' | END DA | ГЕ: | 11/5/2007 | | |
| NOTES: | | | | | | | | | | | T | | |
| Depths 1 | asuremen measured applicab | from g | | n 6" inter urface | vals | | | | | | | | |

| | | | | В | ORING | LOG | } | | • | BORING | S NUMBI | ER: P51-11 |
|----------|-------------------|------------|--------------|-----------------------|-----------|---------|---------------------------------------|-----------------|----------------------------------|--------------|--------------|---------------|
| SHAX | V ENV | VIRC | M | ÆNTAL & | PROJ | ECT: | US Army BRAC | C 2005 Site Inv | estigation | JOB NUMI | BER: | 12497 |
| | | | | TURE | ~ | | | | | CLIENT: | USACE | |
| - | I VIII IVI | | | TORE | LOCA | TION: | Main Post, FTM | IM, NJ | | | | |
| | | | | | CONT | n . cmc | . m. m. | | | DRILLER: | Frank Acc | corsi |
| | | | | | CONT | RACTO | R: TVS | | | FIELD RE | P: K. Gerdes | |
| | | _ | | SAMPLER | CASING | | ORE BARREL | | DEPTI | I OF GROUND | WATER | |
| | TYPE SIZE (ID) | | Geor | orobe MacroCore 2" | | | | DATE 10 | /31/07' | | | |
| | MER WEI | GHT | | NA NA | | | | Groundwate | er Depth (feet): | | 4.0' | + |
| HAN | MER FA | | Ϊ | NA | | | | | | | | |
| DEPTH | No. | SAN DEP | APLE TH | REC | USC S | mbol | | DESCRIPT | TION OF MATE | RIALS | | 1 |
| (feet) | | | | | 1 3333 | | | | | | | <u> </u> |
| 0 | I11-A | 0-0 | 5' | 100% | _ | | | | 0-0.5' topsoil 0.5-1' asphalt | | | \vdash |
| 1 | | | | | sv | V | | 1-2' Sand | with gravel, Light | t Brown | | |
| 2 | I11-B | 1.5- | 2 0' | | SI | ; | | 2 41 5 | and, Dark Brown, | wat | | |
| | 111-13 | 1.5 | 2.U | | 31 | | | 2-4 3 | anu, Dark DiOWII, | WCL | | H |
| 3 | | | | | | | | | | | | |
| 4 | 111-C | 3.5- | 4.0' | | | | | E | and of Exploration | | | - |
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| 12 | | | | | 1 | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | - | <u> </u> | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | |
| 15 | | | | | - | | | | | | | - |
| 16 | | | | | | | | | | | | |
| DRILLIN | G RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURI | FACE ELEVATION | ON: | | |
| TEMPOR | | | | | No | | | | RT DATE: | 10/31/2007 | | |
| | | | | | | | | | | | | |
| RISER FF | ROM: | NA | TO: | NA SCREE | N FROM: | NA | TO: N | A END | DATE: | 10/31/2007 | | |
| NOTES: | | | | - | | - | | | | | | |
| pir | agenteer of | ate suera | taken i | in 6" intervals | | | | | | | | |
| | s measured | | | | | | | | | | | |
| | ot applical | | | | | | | | | İ | | |
| | | | | | | | | | | 1 | | |

| | | | | E | ORING | LOG | } | | | | | BORING NUMBE | R: P51-I12 |
|-----------------|----------------------------------|---------|------|--------------------------|-----------|-------|--------------|------|--------------|------------------|--------|--|---------------|
| | | | | IENTAL & | & PROJI | | US Army BRAG | | Site Invest | igation | | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | | | DRILLER: Frank According to FIELD REP: K. Gerdes | orsi |
| | | | | SAMPLER | CASING | | ORE BARREL | | | | н оғ | GROUNDWATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore | | +- | | DAT | TE 11/5/0 | 07' | _ | | |
| HAMM | ER WEI | | | NA | | | | Grou | ındwater D | Pepth (feet): | | 3.5' | |
| HAM | MER FAI | | IPLE | NA | | | | | | | ٠ | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DES | | ON OF MATE | | | PID ppm |
| 0 | I12-A | 0-0 | 5' | 75% | ML/ | GP | | | 0-1' Sil | t with gravel, l | Brow | n | 0.0 |
| I | 112-A | 0-0 | .3 | | ML/ | GP | | 1 | -2' Silt wi | th gravel, dark | Brow | /n | |
| 2 | I12-B | 1.5-2 | 2.0' | | ML/ | GP | | 2 | -4' Silt, Br | own, little grav | vel,cl | ay . | 0.0 |
| 3 | I12-C | 3-3 | .5' | | | | | | | wet | | | |
| 4 | | | - | | | | | | End | of Exploration | 1 | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | <u> </u> |
| 6 | | | | | - | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | - | | | | | ~ | | | |
| | | | | | | | | | | | | | |
| 9 | | | | | - | | | | | | | | |
| 10 | | | _ | | | | | | | | | | |
| 11 | <u> </u> | | | | | | | | | | | | |
| 12 | | | | | | - | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | - | - | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | | SURFA | CE ELEVATIO | ON: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | Yes | | | | START | DATE: | | 11/5/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 3' | TO: 8 | . | END DA | ATE: | 11 | /5/2007 | |
| NOTES: | | | | _ | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | E | ORING I | ւog | | | | | BOR | ING NUMB | ER: P51-J1 |
|------------------------------|--|---------|------|--------------------------|-----------|---------------|---------------------------------------|--------------|---------|-----------------|-----------|---------------|---------------|
| SHAW | EN | VIRC | NN | IENTAL & | & PROJEC | CT: | US Army BRAC | 2005 Site In | vestiga | ation | JOB N | UMBER: | 124976 |
| IN | VFR.A | STR | UC | TURE | LOCAT | ION: | Main Post, FTM | M, NJ | | | CLIEN | T: USACE | |
| | | | | | CONTR | A CTC | an. mic | | | | DRILL | ER: Frank Ac | corsi |
| | | | | | CONTR | ACIC | R: TVS | | | | FIELD | REP: K. Gerde | 3 |
| | ГҮРЕ | | | SAMPLER | CASING | С | ORE BARREL | DATE 11 | 10 (07) | | OF GROU | JNDWATER | |
| | ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE | 1/9/07 | | | | |
| HAMM | ER WEIG | | | NA NA | | | | Groundwat | er Der | pth (feet): | | 9.0' | |
| HAM | VILIC I'A | | IPLE | NA . | | ' | | | | | | | <u> </u> |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | · · · · · · · · · · · · · · · · · · · | | | OF MATE | | | PID ppm |
| 0 | J1-A | 0-0. | .5' | 100%_ | ML | - | | 0-1 | ' Silt, | Brown, little | sand | | 0.0 |
| 1 | | | | | SP | | | 1-2' Sar | ıd, Lig | ght Brown, li | ttle silt | | |
| 2 | Ј1-В | 1.5-2 | 2.0' | | ML | | | 2-3' | Silt, B | frown, little s | and | | 0.0 |
| 3 | | | | | SP | | | 3-4' Sar | nđ, Lig | ght Brown, li | tle silt | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | ML | | | • | 4-6' \$ | Silt, Brown | | | 0.0 |
| 4 100% ML 4-6' Silt, Brown 5 | | | | | | | | | | | | | |
| 6 | <u> </u> | | | | 6-8' S | Silt, mottled | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | - | | | | | | | |
| 8 | ļ | | | 100% | ML | | | | 8-12' | Silt, mottled | | | 0.0 |
| 9 | J1-C | 8.5-9 | 9.0' | | | | | | | wet | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | _ | | | | | | | | |
| 12 | <u> </u> | | | | | _ | | 1 | End of | f Exploration | | ·· | |
| 12 | | ļ | | | _ | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | orobe Rig | | | SUR | FACE | ELEVATIO | N: | | · |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | STA | RT DA | ATE: | 11/9/2 | 007 | |
| RISER FRO | M: | NA | то: | NA SCREE | N FROM: | NA | TO: NA | END | DAT | E: | 11/9/2007 | , | |
| NOTES: | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING | LOG | · · · · · · · · · · · · · · · · · · · | | | | | BORIN | G NUMB | ER: P51-J2 |
|-----------------|------------------------------------|-----------|------------|--------------------------|----------|----------|---------------------------------------|----------|--------------|-----------------------|------------|-------------|------------|----------------|
| | | | | IENTAL & | PROJE | | US Army BRAC Main Post, FTMN | | Site Investi | gation | | JOB NUM | BER: | 124976 |
| | | | | | CONTI | мсто | OR: TVS | | | | | | : Frank Ac | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | | тн оі | F GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DAT | E 11/9/0 | 17' | | | | |
| HAMM | ER WEI | | | NA | | | | Grou | ndwater D | epth (feet): | | | 7.5' | |
| HAM | MER FA | | | NA | | <u> </u> | | <u> </u> | | | | | 1 | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DES | CRIPTIO | N OF MAT | ΓERIA | LS | | PID ppm |
| 0 | | | | 100% | ML | | | | 0-1' Sil | t, Brown, lit | ttle san | d | | |
| 1 | J2-A | 0-0 | .5' | | SP | | 1 | -2' Sar | nd with gra | wel, Light E | Brown, | little silt | | 0.0 |
| 2 | J2-B | 1.5-2 | 2.0' | | ML | | | | 2-3' Silt, | Brown, littl | le sand | | | 0.0 |
| 3 | | | | - | SP | | | | 3-4' Sa | nd, Light Bı | rown | | | |
| 4 | | | | 100% | SP. | | | | 4 5 5' San | id, Brown, I | little cil | • | | 0.0 |
| | | | | | 31, | | | | 4-5.5 Gal. | ia, <i>B</i> iowii, i | intic sii | • | | - 0.0 |
| 5 | +- | | | | SP | | | 5.5-7.5 | 5' Sand wit | th gravel, Bi | rown, I | ittle silt | | |
| 6 | | | | | | | | | | | | | | |
| 7 | J2-C | 7-7 | .5' | | ML | | | 7.5- | 8' Silt, Bro | wn, little sa | ınd,clay | , wet | | |
| 8 | | | | | - | | | | | of Explorati | | | | _ |
| | | | | | | | | | | | | | | |
| 9 | 1 | | | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | | | ļ - |
| 11 | | | | | | | | | | | | | | |
| 12 | | <u> </u> | | | | | | | | | | | | |
| 12 | - | | | | | | | | | | | | | - |
| 13 | | | | | | | | | | | | | | |
| 14 | <u> </u> | | | | | | | | | | | | | |
| 15 | - | - | | | + | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geor | robe Rig | | | | SURFAC | E ELEVAT | TION: | | | • |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No | | | | START I | DATE: | | 11/9/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREEN | N FROM: | NA | TO: NA | | END DA | TE: | 1 | 1/9/2007 | | |
| OTES: | | | | | | | | | _ | - | | | | |
| Depths | asuremer measured t applicab | l from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING 1 | COG | | | | BORING NUM | BER: P51-J3 | | | |
|--------------------------------------|------------------------------------|---------|-------|--------------------------|-----------|---------------|----------|----------------------------------|--------------|----------------------------|----------------|--|--|--|
| | | | | IENTAL & | & PROJEC | CT: US Army | BRAC 2 | 005 Site Investigation | | JOB NUMBER: CLIENT: USACE | 124976 | | | |
| II. | 11.175 | MI CH | ·UC | IUKE | LOCAT | ION: Main Pos | st, FTMM | , หง | | | | | | |
| | | | | | CONTR | ACTOR: TV | 'S | | | DRILLER: Frank | Accorsi | | | |
| | | | | SAMPLER | CASING | CORE BAR | REL | | рертн о | F GROUNDWATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/9/07' | | | | | | |
| HAMM | ER WEIG MER FAI | | | NA NA | | | | Groundwater Depth (fe | et): | 7.0' | | | | |
| | | SAM | IPLE | - | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Syn | ibol | | DESCRIPTION OF N | | | PID ppm | | | |
| 0 | J3-A | 0-0. | 5' | 100% | ML/GI | ? | | 0-1' Silt, Dark Bro | wn, little g | gravel | 0.0 | | | |
| 1 | | | | | SP | | | 1-2' Sand, E | | | | | | |
| 2 | Ј3-В | 1.5-2 | 2.0' | | ML | | | tile @ 2 2-3' Silt, Dark Brow | | lay | 0.0 | | | |
| 3 | | | | | SM | | | 3-4'Sand with si | lt, mottled | ı | | | | |
| 4 | | | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | | 4-6' Sand with s | ilt, Brown | ! | 0.0 | | | |
| 5 | | | | | | | | | | | | | | |
| 4 100% SM 4-6' Sand with silt, Brown | | | | | | | | | | | | | | |
| 7 | J3-C | 6.5-7 | 7.0' | - | | | | wet | • | | | | | |
| | 33-0 | 0.5- | | | | | | | | | | | | |
| 8 | | | | | | | | End of Expl | oration | | | | | |
| 9 | + | _ | | | | | | | | | | | | |
| 10 | ļ | | | | | | | | | | | | | |
| | | | | | <u> </u> | | | | | | | | | |
| 11 | | | | | <u> </u> | | | | | | | | | |
| 12 12 | - | | | | | | | | | | | | | |
| 13 | - | | | | | | | | | | | | | |
| | | | _ | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | probe Rig | | | SURFACE ELE | VATION: | | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | No | | | START DATE: | | 11/9/2007 | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA TO: | NA | END DATE: | 1 | 1/9/2007 | | | | |
| NOTES: | | | | | - | | | ' | | T | | | | |
| Depths | asuremen measured t applicab | from gr | | 1 6" intervals urface | | | | | | | | | | |

| | | | | | BOI | RING I | COG | ; | | | BORIN | G NUMBI | ER: P51-J4 |
|------------------|-------------------------------------|---------|------|--------------------------|----------------|----------------|------|-------------------------------|------------------|------------------|-------------------------|--------------|---------------|
| | | | | IENTA TURE | L & | PROJECT LOCATE | ION: | US Army BRAC Main Post, FTMN | | igation | JOB NUM CLIENT: DRILLER | USACE | 124976 |
| | | | | | | 00.114 | | 175 | | | FIELD RE | P: K. Gerdes | |
| | TYPE | | | SAMPLER robe MacroC | | ASING | С | ORE BARREL | DATE 11/9/0 | | OF GROUNI | WATER | |
| SI | ZE (ID) | | Осор | 2" | | | | | | | | | |
| | ER WEIG | | | NA NA | - | | | | Groundwater D | Pepth (feet): | | 3.5' | |
| | | SAN | PLE | | | | | | 1 | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | bol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | Ì | | | 100% | | ML | | | 0-1' Sil | t, Dark Brown, b | rick | | |
| 1 | J4-A | 0-0. | .5' | | | ML | | | 1-2' Cl | ayey Silt, Brown | ı | | 0.0 |
| 2 | J4-B | 1.5-2 | 2.0' | | | ML/GI | , | 2-3* | Clayey Silt with | gravel with san | d, Red Brown | | 0.0 |
| 3 | | | | | | SM | | | | and Sand, brow | | | |
| | J4-C | 3-3. | .5' | | | J.1.1 | | | | wet | | | |
| 4 | | | | | | | | | End | of Exploration | | | |
| 5 | - | | _ | | - | | | | | | | | |
| 6 | - | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
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| 12 12 | | | | | | | | | | | · · · | | |
| 13 | - | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| | # | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | l pro mo | DE. | т- | uele messes s | L | o Dia | | | CIDEA | TE ET EVATION | J. | | |
| DRILLING | | | | uck-mounted | Geoprobe No | giA a | | | START | CE ELEVATION | n: 11/9/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCI | | ROM: | ΝA | TO: NA | | | 11/9/2007 | | |
| NOTES: | | | | | | | | | | | 1 | - | |
| PID me Depths | easuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | F | ORING | LOC | - <u>-</u> - | | | BORING | G NUMBE | R: P51-J5 | | |
|---|----------|------------|----------|--------------------------|-----------|-------|-----------------------|-----------------|--|------------|--------------|--------------|--|--|
| SHAW | ENV | /IRC | NM | ENTAL & | & PROJ | ECT: | US Army BRAC 2 | 005 Site Invest | igation | JOB NUM | BER: | 124976 | | |
| IN | FRA | STR | UC' | TURE | LOCA | TION: | Main Post, FTMM | NI | | CLIENT: | USACE | | | |
| | | | | | 200. | | 1144111 000, 1 114111 | , 110 | | DRILLER: | Frank Acce | veri | | |
| | | | | | CONT | RACTO | OR: TVS | | | | | 1151 | | |
| | | | | | | | | | | <u> </u> | P: K. Gerdes | | | |
| T | YPE | - | | AMPLER robe MacroCore | CASING | (| CORE BARREL | DATE 11/9/0 | | OF GROUND | WATER | 1 | | |
| SIZ HAMMI | E (ID) | ЗНТ | | 2" NA | | | | Groundwater D | Penth (feet): | | 7.5' | | | |
| | IER FAI | LL | DIF | NA | | 1 | | | Spin (Acci) | | | | | |
| DEPTH (feet) | No. | SAM DEP | | REC | USC S | ymbol | | DESCRIPTIO | N OF MATER | ALS | | PID | | |
| 0 | 25.4 | | | 100% | Si | Á | | 0-1' Silt v | with sand, Dark I | Brown | | ppm | | |
| 1 | J5-A | 0-0. | 2 | | Gi | И | | 1-3' Silt with | sand and gravel, | Brown | | 0.0 | | |
| 2 | J5-B | 1.5-2 | .0' | | | | | | | | | 0.0 | | |
| 3 | | | | | S | P | | 3-4' Sand with | gravel, Brown, I | ittle silt | | | | |
| 4 100% SP 4-7' Sand, Light Brown, little gravel, silt 0. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 4 100% SP 4-7' Sand, Light Brown, little gravel, silt 0.0 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 7 | 75.0 | | | | CL | SP | | 7-8' Silty C | lay and Sand, Br | own | | | | |
| 8 | J5-C | 7-7. | 2 | | | | | End | wet of Exploration | | _ | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| DRILL DIG | DIG TY | DE. | | ale manus d C | and a P!: | | <u> </u> | arma: | 3D DI DI 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | |
| DRILLING TEMPORAL | | | | ck-mounted Geor | No | | | SURFAC | DATE: | 11/9/2007 | | | | |
| RISER FRO | | NA | TO: | ,. NA SCREEI | | NA | TO: NA | END DA | | 11/9/2007 | | | | |
| NOTES: | | | | | | | | | | 1 | | | | |
| PID mea Depths n NA=not | neasured | from gr | | 6" intervals irface | | | | | | | | | | |

BORING NUMBER: **BORING LOG** PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K. Gerdes SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER DATE 11/9/07' TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT Groundwater Depth (feet): 7.5' NA HAMMER FALL NA USC Symbol DESCRIPTION OF MATERIALS PID DEPTH REC ppm (feet) GM 0-1.5' Silt with sand, Brown, little gravel 90% 0 0.0 J6-A 0-0.5' GM 1-3' Silt with sand and gravel, Brown 1.5' coal chips 1.5-2' Sand and Gravel, dark Brown/Black 0.0 J6-B 1.5-2.0' GW 2 SP 2-4' Sand, Brown, little silt 3 0.0 4-5.5' Silt, Brown, little sand 100% ML 5 SM 5.5-8' Sand and Silt, mottled 6 7 J6-C 7-7.5 wet End of Exploration 9 10 11 13 14 15 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: TEMPORARY WELL INSTALLED: START DATE: 11/9/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NΑ END DATE: 11/9/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | |] | BORING | LOC | , | | - | BORING | NUMBE | R: P51-J7 |
|-----------------|----------------------------------|-----------|------|--------------------------|-----------|-------|-----------------|-------------------|---------------------------------------|-------------|--------------|--------------|
| W ATT 2 | / ENI | итр с | NIN | IENTAL . | PROJ | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMI | BER: | 124976 |
| | | | | TURE | X | | | | | CLIENT: | USACE | |
| | 11.11. | | | LOKE | LOCA | TION: | Main Post, FTMN | 1, NJ | | | | |
| | | | | | CONT | RACT | OR: TVS | | | DRILLER: | Frank Acco | orsi |
| | | | | | COM | MCI | JK. 173 | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | Τ, | CORE BARREL | 1 | DEPTH | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/9/ | | | | |
| HAMM | ER WEI | | | NA | | 1 | | Groundwater I | Depth (feet): | | 7.5' | |
| HAMI | MER FA | | IPLE | NA | L | | | <u> </u> | | | _ | |
| DEPTH (feet) | No. | DEP | | REC | USC S | mbol | : | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | M | | | | ilt, Brown, little | | | |
| 1 | J7-A | 0-0 | .5' | | ML/ | JP . | ł | 0.5-1.5' Sil | t, Orange, little g | ravel | | 0.0 |
| 2 | J7-B | 1.5-2 | | | GV M | | | | vel and Sand, B | lack | | |
| | J7-B | 1.3-4 | 4.0 | | | | 1 | | ilt, Dark Brown | | | 0.0 |
| 3 | - | | | | SI ML | | | | land, Light Brow It with sand, Bro | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | _ | 100% | M | | 1 | 4-5.5' Sil | t, Brown, little s | and | | 0.0 |
| 5 | | | | | Si | | 1 | | 71 Can d Danson | | | |
| 6 | | | | | 31 | | <u> </u> | 3.3- | 7' Sand, Brown | | | |
| 7 | | | | | SP/6 | YI. | | /-&' Sand with si | lty clay and grav | el mottled | | 1 |
| | J7-C | 7-7 | .5' | | | | 1 | | wet | oi, monio | | |
| 8 | | | | | | | | End | of Exploration | | | <u> </u> |
| 9 | - | | | | | | | | | | | |
| 10 | ļ | | | | | _ | | | | | | |
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| 14 | | | | | | | | | | | | |
| 15 | <u> </u> | | | | | | | | | | | |
| 16 | | | | | | | | | | | | - |
| DRILLING | PIG TV | DE. | Tn | uck mounted Geo | probe Pig | | L | STIDEA | CE ELEVATION | d. | | 1 |
| TEMPORA | | | | uck-mounted Geo | No | | | ŀ | | | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | N/ | A TO: NA | START END DA | | 11/9/2007 | | |
| NOTES: | | | | | | | | | <u> </u> | | | <u>-</u> |
| PID mea | asuremen measured applicab | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING | LOG | <u> </u> | | | BORING | G NUMBE | R: P51-J8 |
|------------------|--|------------|-------------|--------------------------|----------------|------|---------------------------------------|---------------|------------------------------------|----------------------------------|---------|--------------|
| | | | | ENTAL & | PROJE LOCAT | ION: | US Army BRAC Main Post, FTM OR: TVS | | igation | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | - | | DATE 11/9/0 |)7' | | | |
| | ER WEI | GHT | | NA NA | | | | Groundwater D | epth (feet): | | 8.0' | |
| HAM | MER FA | | | NA | | L | | | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | USC Syr | abol | | DESCRIPTIO | N OF MATER | JALS | | PID ppm |
| 0 | | | | 100% | ML | | - | 0- | -1' Silt, Brown | | | 1 |
| | J8-A | 0-0 | 5' | | 1 | | | | | | | 0.0 |
| 1 | - | | | | SP GW | | | | ' Sand, Orange vel and Sand , B | lack | | |
| 2 | J8-B | 1.5-2 | 2.0' | • | ML | | | | Brown, little sa | | | 0.0 |
| | | | | | | | | | | | | |
| 3 | - | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 90% | ML | | | 4-6' Silt, | Brown, little sa | nd | | 0.0 |
| 5 | | | | | | | | | | | | · · |
| | | | | | | | | | | | | |
| 6 | | | | | SP | | | 6-8' Sa | ind, Orange, we | 1 | | |
| 7 | + | | | | + | | | | | | | |
| | | | | | | | | | | | | |
| 8 | J8-C | 7.5- | 3.0' | • | - | | | End | of Exploration | | | + |
| | | | | | | | | | | | | |
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| 13 | 1 | | | | | | | | | | | |
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| 15 | 1 | | | | 1 | | | | | | | |
| 16 | - | | | | | | | | | | | |
| DRILLING | RIG TY | PĒ: | Tn | ick-mounted Geop | robe Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D : | No | | | START | DATE: | 11/9/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | I FROM: | NA | TO: NA | . END DA | TE: | I 1/9/2007 | | |
| NOTES: | | | | | | | · | _ ! | | | | |
| PID me Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| - | | | | E | ORING I | LOG | } | <u>-</u> | | BORING | G NUMBE | R: P51-J9 |
|-------------------------------|--------------------|---------|------|---------------------------|-----------|------|--------------------------|---------------|---|-----------|------------|--|
| | | | | TURE | | | US Army BRAC 2 | | gation | JOB NUM | BER: | 124976 |
| | | | | | CONTR | | Main Post, FTMM OR: TVS | , NJ | | DRILLER: | Frank Acco | orsi |
| | YPE | | | SAMPLER robe MacroCore | CASING | C | ORE BARREL | DATE 11/9/0 | | F GROUND | WATER | |
| SIZ | Œ (ID) | | ССОР | 2" | | | | | | | | |
| HAMMI | ER WEIG IER FAI | | - | NA NA | | | - | Groundwater D | epth (feet): | | 7.5' | |
| | | SAN | PLE | | | | | | | | | |
| (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | | N OF MATERI | ALS | | PID ppm |
| 0 | J9-A | 0-0. | 5' | 100% | ML | | | 0- | -1' Silt, Brown | | | 0.0 |
| 1 | | | | | GW | | | | and Sand, Light | | | |
| | J9-B | 1.5-2 | 2.0' | | GW ML | | | | vel and Sand , Bla Brown, little san | | | 0.0 |
| | | | | | | | | | , | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SP | | | 4-5.5' Sand | with silt with gr | avei | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | SP | | | 5.5-8' San | d, Orange, mottl | ed | | |
| | | | | | | | | | | | | |
| 7 | J9-C | 7-7. | .5' | | | | | | wet | | | |
| 8 | | | | , | | | | End | of Exploration | | | |
| 8 | | | | | | _ | | | | | | |
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| 10 | | | | | | | | | | | | |
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| 16 | | | | 1 | <u> </u> | | | | | | | ┸— |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | probe Rig | | | SURFAC | CE ELEVATION | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START I | DATE: | 11/9/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | TE: | 11/9/2007 | | |
| NOTES: | | | | | | | | | | T | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | ВС | ORING I | LOG | | | | | BORIN | G NUMBE | ER: P51-K1 |
|-----------------|--|--------|------|---------------|------------|---------|----------|------------|-----|--------------|-------------------|--------------------|---------------|---------------|
| SHAW | ÉNV VFRA | | | | | PROJEC | | US Army BR | | | igation | JOB NUM CLIENT: | BER: USACE | 124976 |
| | | | | | | CONTR | АСТО | R: TVS | | | | DRILLER | : Frank Acc | |
| | | | | | | | | | | | | FIELDRE | r: K. Geides | |
| | EL COLO | | | SAMPL | | CASING | С | ORE BARREL | | TE 11/8/0 | | OF GROUND | WATER _ | |
| | TYPE ZE (ID) | | Сеор | robe Ma 2" | crocore | | | | | | | | - | |
| HAMMI | ER WEIG | | | NA NA | | | | | Gn | oundwater D | Pepth (feet): | | 3.0' | |
| IIMMI | LKIA | | IPLE | 14,5 | | | | | | | ! | <u>'</u> | <u></u> | |
| DEPTH (feet) | No. | DEP | ТН | | REC | USC Syn | ibol | | DE | | ON OF MATER | | | PID ppm |
| 0 | K1-A | 0-0 | 5' | | 95% | ML | | | | 0-1' Silt, I | Dark Brown, lit | ile sand | | 0.0 |
| 1 | | | | | | SP | | | | | and, Light brov | | | |
| | K1-B | 1.5-2 | 2.0' | | | ML/G | P | | | 1.5-2.5' SiI | lt with gravel, B | rown | | 0.0 |
| 3 | K1-C | 2.5-3 | | | | SP | | | | 2.5-3.5' Sar | nd, Light Brown | , wet | | |
| | KI-C | 2.3- | 5.0 | | | ML | | | | | Silt, mottled, we | et | | |
| 4 | | | | | | | \dashv | | | End | of Exploration | - | | |
| | | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | <u>t </u> | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geopr | obe Rig | | | | SURFAC | CE ELEVATIO | N: | | , |
| TEMPORA | RY WEI | L INST | ALLE | D: | Y | es | | | | START | DATE: | 11/8/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | 10' | TO: | 15' | END DA | ATE: | 11/8/2007 | | |
| NOTES: | | | | | | - | | | | | | 1 | | |
| Depths : | asuremen measured applicat | from g | | | vals | | | | | | | | | |

| | | | | | В | ORING | LOG | | | | BORIN | G NUMBI | |
|-----------------|----------------------|--------|-------|----------------------|-----------|----------|----------|-----------------------|-----------------|--------------------|-----------|--------------|------------------|
| | | | | | | PROJ | ·CT· | US Army BRAC | 2005 Site Inves | etigation | JOB NUM | RED. | P51-K2 124976 |
| SHAW | | | | | | z rkos | .C1. | OS Allily BRAC | 2005 Site lives | sugation | JOB NUM | DEN: | 124970 |
| II | IFRA | STR | UC | TUR | £. | LOCA | TION: | Main Post, FTMN | ı. NI | | CLIENT: | USACE | |
| | | | | | | 1200 | 110 | 1411111 1 030, 1 1141 | ., 110 | | | | |
| | | | | | | CONT | RACTO | OR: TVS | | | DRILLER | Frank Acc | corsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLE | gp T | CASING | Τ, | ORE BARREL | · · · · · · | DEDTU | OF GROUND | WATED | |
| | ГҮРЕ | | | robe Mac | | CASING | <u> </u> | | DATE 11/8 | | - | WAIER | |
| | ZE (ID) ER WEIG | THE | | 2" NA | | | - | | Groundwater | Denth (fact): | | 3.0' | 1 1 |
| | MER FA | | | NA | | | | | Oroundwater | Deput (icet). | | 3.0 | |
| DEDTH | N1. | | IPLE | | TO. | TIEG C | | | DECCRIPE. | ON OF MARRY | *** | | nvn. |
| DEPTH (feet) | No. | DEP | 1H | | EC | USC Sy | | | | ON OF MATER | | | PID ppm |
| 0 | K2-A | 0-0 | 51 | 16 | 00% | ML/ | GP | | 0-3' Silt, | Brown, little grav | el,sand | | 0.0 |
| 1 | K2-A | | | | | | | | | | | | 0.0 |
| 2 | К2-В | 1.5-2 | 2 (1' | | | - | | | | | | | 0.0 |
| | | | | | | | | | | | | | 0.0 |
| 3 | K2-C | 2.5-3 | 3.0' | | | SI | | | 3-4' Sar | ıd, Light brown, | vet | | |
| 4 | | | | | | | | | Enc | d of Exploration | | | |
| 4 | ļ | | | | | - | | | | | | | |
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| 15 | | | | | | | | i | | | | | |
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| 16 | 1 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mour | ited Geop | robe Rig | | | SURFA | CE ELEVATIO | ٧: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | 1 | No | | | START | DATE: | 11/8/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | END D | ATE: | 11/8/2007 | | |
| NOTES: | | | | | | | | - | | | 1 | | |
| | | | | 20. 1. | | | | | | | | | |
| | asuremen measured | | | n 6" inter urface | vais | | | | | | | | |
| | applicat | | | | | | | | | | | | į |
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| | | | | | BOI | RING I | COG | } | | | BORIN | G NUMB | ER: P51-K3 |
|-----------------|--|---------|------------|------------------------|----------|---------|----------|--------------|---------------------|----------------|---------------------|------------|---------------|
| | | | | IENTAI TURE | L & | PROJEC | | US Army BRAC | 2005 Site Investiga | tion | JOB NUM | USACE | 124976 |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER FIELD RE | : Frank Ac | |
| | | | | SAMPLER | | ASING | С | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCo 2" | ore | | | | DATE 11/8/07 | | | - | - |
| HAMM | ER WEI | | | NA | | | | | Groundwater Dep | th (feet): | | 7.0' | |
| HAM | MER FA | | IDI E | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | bol | | DESCRIPTION | OF MATER | ALS | | PID ppm |
| 0 | V2.4 | - 0.0 | <u></u> | 100% | | SM/GI | | | 0-1.5 Silt and Sand | l with gravel, | Dark Brown | | |
| 1 | K3-A | 0-0. | .5' | | | | | | | | | | 0.0 |
| 2 | K3-B | 1,5-2 | 2.0' | | | SM | | | 1.5-3.5' Silt a | and Sand, Bro | wn | | 0.0 |
| 3 | | | | | | ML | | | 3.5-4' Silt | , Dark Brown | | | |
| 4 | | | | | | | | | | | | | |
| 4 | · | | | 95% | | SP | | | 4-7.5 Sand | d, Light Brow | n | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | - | | | | | | | | | |
| 7 | К3-С | 6.5-7 | 7.0' | | | CL | | | | Dark Brown, v | vet | | - |
| 8 | - | | | | | | | | End of | Exploration | | | • |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
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| 15 | _ | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted (| Geoprobe | Rig | | | SURFACE | ELEVATION | : | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | Yes | | | | START DA | TE: | 11/8/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCR | EEN FR | ОМ: | 10' | TO: 15' | END DATE | 3: | 11/8/2007 | | |
| NOTES: | | | | | | | | <u> </u> | | | | | |
| Depths | asuremen measured t applicab | from gr | | 6" intervals urface | | | | | | | | | |

| | | | | | BO | RING I | LOG | | | | BORIN | G NUMBE | R: P51-K4 |
|-----------------|-------------------------------------|--|-------------------|----------------------------|----------------|---------|--|-----------------|-------------------|------------------|-----------|--------------|--|
| SHAW | EN | JTR(| | MENTAL | R _r | PROJEC | CT: | US Army BRAC | 2005 Site Investi | igation | JOB NUM | ····· | 124976 |
| | | | | TURE | G. | LOCAT | ·ON. | Main Post ETMA | • 317 | | CLIENT: | USACE | |
| | | | | | | LOCAT | IUN: | Main Post, FTMM | I , N J | | DRILLER | : Frank Acco | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | P: K. Gerdes | rsi |
| | | | | | _ | <u></u> | | | | | | | |
| | ГҮРЕ | | | SAMPLER probe MacroCore | | CASING | <u> </u> | ORE BARREL | DATÉ 11/8/0 | | OF GROUNI | OWATER | 1 |
| SI | ZE (ID) | | \Box | 2" | \perp | | | | | | | | |
| | ER WEIC MER FAI | | ┼ | NA NA | +- | | | - | Groundwater D | epth (feet): | | 6.0' | |
| 711 1141 | TEXT 7 II | | MPLE | | — | | \neg | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DESCRIPTIO | | | | PID ppm |
| 0 | K4-A | 0-0 |).5' | 100% | \pm | SM | | | 0-1.5' S | ilt and Sand, Br | own . | | 0.0 |
| 1 | | | | | 4 | | | | | inerator slag | | | |
| 2 | K4-B | 1.5-2 | 2.0' | | _ | CL | _ | | 1.5-3' Silty | Clay, Light Br | own | | 0.0 |
| 3 | +- | <u> </u> | | | \dashv | ML/SF | <u>, </u> | | 3-4' Silt wi | th sand, Dark B | rown | | |
| | | | | | 丰 | | | | | | | | |
| 4 | \vdash | $\vdash \vdash$ | \dashv | | \dashv | SP | \dashv | | 4-5' Sa | nd, Light Brown | 1 | | 0.0 |
| | | | | | _ | | | | | | • | | |
| 5 | | | | | \pm | GW | | | 5-8-5 | and and Gravel | | | |
| 6 | K4-C | 5.5-0 | 6.0' | | \dashv | | _ | | | wet | | | |
| 7 | | | | | # | | | | | | | | , |
| 8 | \vdash | \vdash | \longrightarrow | <u> </u> | + | | | | End | of Exploration | | | - |
| 8 | | | | | 二 | | | | | | | | |
| 9 | \vdash | <u> </u> | | <u> </u> | \pm | | | | | | | | |
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| 15 | | | | | \pm | | | | | | | | |
| 16 | | | | | \dashv | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Ge | oprob | e Rig | | L | SURFAC | CE ELEVATION | N: | | L |
| TEMPORA | RY WEI | LL INST | | | No | _ | | | START | | 11/8/2007 | | |
| RISER FRO |)M: | NA | TO: | NA SCREI | en ff | ком: | NA | TO: NA | END DA | TE: | 11/8/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths i | asurement measured t applicab | l from gr | | n 6" intervals surface | | | | | | | | | |

| · · · · | | | | | В | ORING | LOG | ; | | | BORIN | G NUMB | ER: P51-K5 |
|-----------------|--------------------------------------|--------------|-----------------|----------|------------|--------------|----------|--------------|--------------------|-------------------|-----------------|-------------|---------------|
| SHAV | V ENV | | | | | PROJEC | | US Army BRAG | C 2005 Site Invest | igation | JOB NUM CLIENT: | USACE | 124976 |
| | | | | | | CONTR | ACTO | OR: TVS | | | | P: K. Gerde | |
| | | | | SAMPLE | | CASING | С | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE IZE (ID) | | Geop | robe Mac | roCore | | - | | DATE 11/8/0 |)7' | | | |
| HAMM | IER WEI | | | NA | | | | | Groundwater D | epth (feet): | | 2.5' | |
| HAM | MER FA | | | NA | — | | <u> </u> | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | R | EC | USC Syn | nbol | | | N OF MATER | | | PID ppm |
| 0 | K5-A | 0-0 | 5, | 7 | 5% | ML | \Box | | 0-1' Silt,Dar | k Brown, coal f | ragments | | 0.0 |
| 1 | K3-A | 0-0 | .J [.] | | | SP | | | 1-2' Sa | nd, Light Brown | n | | 0.0 |
| 2 | K5-B K5-C | 1.5-2 2-2 | | | | ML?G | P | | 2-4' Silt, | Brown, little gra | ivel | | 0.0 |
| 3 | | | | _ | | | | | | | | | |
| 4 | | | | | | | | | End | of Exploration | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | - | | | | | | | | | |
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| 14 | | | | | · · · | | | | | | | | |
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| 16 | ا | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-moun | ited Geopr | obe Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | | es | | | START | | 11/8/2007 | | |
| RISER FR | OM: | NA _ | TO: | NA | SCREEN | FROM: | 10' | TO: 15 | END DA | ATE: | 11/8/2007 | | |
| Depths | easuremer measured ot applicat | l from g | | | vals | | | | | | | | |

| | | | | | В | OF | UNG I | LOG | ļ | | | | | BORIN | G NUMBI | |
|---|----------------------|--------------|------------|---------------|-----------|--------------|--------------|------|------------|------|--------------|-----------------|-------------------|---------------|---------------|----------|
| | | | | - | | | , | | | | | | | | | P51-K6 |
| SHAW | ENV | VIR (| NN | ŒN] | TAL & | & | PROJEC | CT: | US Army I | BRAC | 2005 S | Site Investiga | ition | JOB NUM | BER: | 124976 |
| IN | VFRA | STE | UC | TUR | E | | | | | | | | | CLIENT: | USACE | |
| | | | | | | | LOCAT | ION: | Main Post, | FTMN | 4, NJ | | | 1 | | |
| | | | | | | | | | | | | | | DRILLER | : Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | R: TVS | 1 | | | | FIELD RI | EP: K. Gerdes | |
| | | | | | | | | | | | | | | , and a | | · |
| | | | | SAMPL | | C | ASING | С | ORE BARRI | EL | $oxed{oxed}$ | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DAT | E 11/8/07 | | | | |
| HAMM | ER WEI | | | NA | | | | | | | Grou | ndwater Dep | th (feet): | | 7.0' | |
| HAM | MER FA | | (DY 12 | NA | | L | | Ь | | | <u> </u> | | | | | |
| DEPTH | No. | DEP | IPLE TH | | REC | Т | USC Sym | ıbol | | | DES | CRIPTION | OF MATER | IALS | | PID |
| (feet) | | | | | 760/ | + | CM | | | | 0.11.6 | Cilaial | 11 | Darla Darrana | | ppm |
| 0 | K6-A | 0-0 | .5' | | 75% | $^{+}$ | GM | | | | 0-1 3 | SHE WHII SAIRC | l with gravel, | Dark Diuwn | | 0.0 |
| 1 | | | | | | _ | SP | | | 1-2' | Sand, | Light Brown | n, little clay, o | oal fragments | | |
| 2 | K6-B | 1.5- | 2.0' | | | + | SP | _ | | | 2-3 | 3' Sand, Light | t Brown, little | gravel | | 0.0 |
| | | | | | | | | | | | | - | | - | | |
| | 1 | | | | ···· | | ML | | | | 3 | 8-4' Silt, Dark | Brown, little | clay | | |
| 4 | | | - | | | | | | | | | | | | | |
| 3 ML 3-4' Silt, Dark Brown, little clay | | | | | | | | | | | | | | | | 0.0 |
| 5 | | | | | | | GW | | | | | 5-8' San | d and Gravel | | | |
| | | | | | | + | | | | | | | | | | <u> </u> |
| | | | | | | 士 | | | | | | | | | | |
| 7 | K7-C | 6.5- | 7.0' | | | - | | | | | | | wet | | | |
| 8 | | | | | | 士 | | | | | | End of | Exploration | | | |
| 8 | <u> </u> | - | | | | + | | | | | | | | | | - |
| 9 | | | | | | | | | · | | | | | | | |
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| 16 | | L | | | | \Box | | | | | i | | | | | |
| DRILLING | RIG TY | PE: | Tr | ıck-mou | nted Geop | probe | Rig | | | | | SURFACE | ELEVATIO | V : | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | | No | | | | | | START DA | ATE: | 11/8/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | N FR | OM: | NA | TO: | NA | | END DAT | E: | 11/8/2007 | | |
| NOTES: | | | - | | | | | | | | | | | | | |
| | | | | -u · | | | | | | | | | | | | |
| | asuremen measured | | | | rvals | | | | | | | | | | | |
| • | applicab | _ | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| | 1 | | | | ВО | RING I | COG | ; | | | | BORIN | IG NUMBI | E R: P51-K7 |
|-----------------|------------------------------------|----------|------------|------------------------|------------|-----------------|------|-------------|-----------------|---------------|---------------------|-------------|--------------|-----------------------|
| SHAW | | | | ENT. | | PROJEC LOCAT | | US Army BRA | | | gation | JOB NUM | | 124976 |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLE: | R: Frank Acc | |
| | | | | SAMPLE | R | CASING | C | ORE BARREL | Т | | DEPTH | OF GROUN | DWATER | |
| | ГҮРЕ | | Geop | robe Macı | roCore | | | | D. | ATE 11/8/0 | | | | |
| | ZE (ID) ER WEIC | нт | | | | | - | | - _G | roundwater D | enth (feet): | 2,5 | 2.0' | |
| | MER FAI | | | NA | | | L | | Ľ | | op <u>.</u> (1001). | | | |
| DEPTH | No. | | IPLE TH | ומ | EC | USC Syn | ,bol | | D | FSCDIBTIO | N OF MATER | PIAT S | | PID |
| DEPTH (feet) | 140. | DEP | ın. | K | EC | | | | υ. | | | | | ppm |
| 0 | V2 . | | | 80 |)% | ML/G | Р | | | 0-4' Silt, Bi | rown, Little gra | vel, clay | | |
| 1 | K7-A | 0-0. | .J | | | | | | | | | | | 0.0 |
| | | | | | | | | | | | | | | |
| 2 | K7-B/C | 1.5-2 | .U' | | | | | | | | wet | | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | Fnd | of Exploration | | | |
| 4 | | | | | | | | | | Liid | oi Expioration | | | |
| | | | | | | | | | | | | | | <u> </u> |
| 5 | | | | | <u>-</u> | | | | | | | | | |
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| 14 | <u> </u> | | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYF | E: | Tn | uck-mount | ted Geopro | be Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | | | | | Ye | _ | | | | START I | | 11/8/200 | 7 | |
| RISER FRO | | NA | TO: | | SCREEN I | | 10' | TO: 1 | 5' | END DA | | 11/8/2007 | • | |
| NOTES: | | | | | - | | | · · · · | | | | | | |
| PID mea | asurement measured applicabl | from gro | | i 6" interva irface | als | | | | | | | | | |

| | | | | F | BOR | UNG I | OG | } | | | BORING | 3 NUMBE | R: P51-K8 | | |
|---|---|--------------|------|----------------------------|-------------|---------|------|-----------------|------------------|--------------------|------------------------|--------------|--|--|--|
| | | | | MENTAL & | & | PROJEC | T: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 | | |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | | | |
| | | | | | | l | | | | | DRILLER | Frank Acco | orsi | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | | | |
| | | | | SAMPLER | CA | SING | | ORE BARREL | | | OF GROUND | WATER | | | |
| | TYPE ZE (ID) | | Geop | orobe MacroCore 2" | <u> </u> | | | | DATE 11/8/0 |)7' | | | - | | |
| HAMM | ER WEIG | | | NA NA | <u> </u> | | | | Groundwater D | epth (feet): | | 7.0' | Ī | | |
| TIAMI | ILKTA | | IPLE | IVA_ | | | | | L | 1 | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | T | USC Sym | bol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm | | |
| 0 | K8-A | 0-0. | 5) | 75% | 干 | ML/GI | , | | 0-3' Silt, Ligh | t Brown, little g | ravel,sand | | 0.0 | | |
| 1 | Ko-A | 0-0. | | | 士 | | | | | | | | 0.0 | | |
| 2 K8-B 1.5-2.0' 3 ML/GP 3-4' Silt, Dark Brown, little gravel | | | | | | | | | | | | | | | |
| 3 | - | - | - | <u> </u> | - | ML/GI | • | | 3-4' Silt, Da | rk Brown, little g | gravel | | | | |
| 4 | | | | | | | | | | | | | | | |
| | 4 100% ML/SP 4-5' Silt with sand, Brown (| | | | | | | | | | | | | | |
| 5 | 4 100% ML/SP 4-5' Silt with sand, Brown 0 5 SM 5-7' Sand with silt, Light brown | | | | | | | | | | | | | | |
| 6 | 4 100% ML/SP 4-5' Silt with sand, Brown 0 5 SM 5-7' Sand with silt, Light brown | | | | | | | | | | | | | | |
| 7 | K8-C | 6.5-7 | 7.0' | | 士 | ML | | | 7-8' Claye | ey Silt, mottled, | wet | | | | |
| 8 | | | | | \pm | | | | End | of Exploration | | | | | |
| 8 | | | | | _ | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
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| 12 | <u> </u> | | | | \mp | | | | | | | | | | |
| 13 | | | | | 上 | | | | | | | | | | |
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| 15 | | | | | 7 | | | | | | | | | | |
| | | | | | \perp | | | | | | | | | | |
| 16 DRILLING | DIG TV | DE- | т. | Large mounted Gas | | Dia | | | CLIDEA | CE EL EVATION | ı, | | J | | |
| | | | | uck-mounted Geo | | Kig | | | 1 | CE ELEVATION | | | | | |
| TEMPORA RISER FRO | | NA | TO: | D: NA SCREE | No N FRO | OM: | NA | TO: NA | START END DA | | 11/8/2007 11/8/2007 | | | | |
| NOTES: | | | | | | | | | | | | | _ | | |
| | measured | l from gr | | in 6" intervals surface | | | | | | | | | | | |

| | | | | В | ORING | LOG | } | | | BORING | G NUMBE | R: P51-K9 |
|---------------------|------------------------------------|----------|------|--------------------------|-----------------|----------|--------------|--------------------|-------------------------------|--------------------|------------|--------------|
| | | | | IENTAL & | PROJE | | US Army BRAC | | Site Investigation | JOB NUM CLIENT: | | 124976 |
| | | | | | CONTE | | · | , 110 | , | DRILLER | Frank Acco | rsi |
| | | | | SAMPLER | CASING | C | ORE BARREL | $oxed{\mathbb{L}}$ | | OF GROUND | WATER | |
| | TYPE | | Geop | robe MacroCore | | | | DA | TE 11/8/07' | | | |
| | ZE (ID) ER WEIG | GHT | | 2" NA | | \vdash | | Gro | oundwater Depth (feet): | | 7.0' | - |
| | MER FAI | L | | NA | | L, | | 工 | | | | |
| b. 42 b. 202 | 15. | | IPLE | PPG | 1 7100 0 | | | D.F. | CONTROL OF MATER | 447.0 | | PID |
| DEPTH (feet) | No. | DEP | 1H | REC | USC Syr | прог | | DE. | SCRIPTION OF MATER | ALS | | ppm |
| 0 | | | | 100% | ML/G | P | | | 0-1' Silt, Brown, little grav | eł, clay | | |
| 1 | K9-A | 0-0 | .5' | | GW | | | | 1-2.5' Gravel and Sand Silt | Clay | | 0.0 |
| 2 | К9-В | 1.5-2 | 2.0' | | ML/G | P | | 2.: | 5-4' Clayey Silt with Gravel, | Brown | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | 95% | ML/G | P | 4 | -5' C | layey Silt with sand, Brown, | little gravel | | 0.0 |
| 5 | | | | | SP | | | | 5-6' Sand, Light Brown | | | |
| 6 | | | | | GP | | | | 6-7' Sand and Gravel, Bro | wn | | |
| 7 | К9-С | 6.5- | 7.0' | | ML | | | | 7-8' Silt, little sand, mottl | ed | | |
| 8 | | | | | | | | | End of Exploration | | | |
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| 9 | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | L | | | | | | L | | OUTDEA OF THE STATE OF | | | <u> </u> |
| DRILLING TEMPORA | | | | ick-mounted Geor | robe Rig Yes | | | | SURFACE ELEVATION START DATE: | 11/8/2007 | | |
| RISER FRO | | NA NA | TO: | NA SCREE | | 10' | TO: 15 | , | END DATE: | 11/8/2007 | | |
| NOTES: | - | | | | - | | | | | 1 | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | : |

| | | | | Ī | BOE | RING I | LOC | } | | | | BORIN | G NUMBE | R: P51-L1 |
|-----------------|-----------------|-----------|------------|--------------------------|-----------|---------|------|----------------|--------|----------------|-------------------|-----------------|---------------|--------------|
| SHAW | EN | VIRC | ——)NN | TENTAL (| & | PROJEC | ĊΤ: | US Army BRAC | 200 | 05 Site Invest | igation | JOB NUM | IBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Main Post, FTM | M, 1 | ŊJ | | CLIENT: | USACE | |
| | | | | | | | | | | | | DRILLER | R: Frank Acco | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | | FIELD R | EP: K. Gerdes | |
| | _ | | , | SAMPLER | C | ASING | | ORE BARREL | Т | | DEPTH | OF GROUN | DWATER | _ |
| | TYPE ZE (ID) | | | orobe MacroCore 2" | | | | | D. | ATE 11/13 | | | | |
| HAMM | | GHT | | NA NA | | | | | G: | roundwater D | epth (feet): | | 6.0' | |
| HAM | MER FA | | | NA | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | T | USC Sym | ibol | | D | ESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 60% | _ | SP | | | | 0-1' Sand, | Brown, little gr | evel,silt | | I |
| i | L1-A | 0-0. | . 3 | | | GM | | | 1-2 | ' Sand and Sil | t with gravel, D | ark Brown | | 0.0 |
| 2 | L1-B | 1.5-2 | 2.0' | | | SP | | | | 2_3 5! 6 | Sand, Dark Grey | , | | 0.0 |
| | LI-B | 1.5-2 | | | | | | | | 2-3.3 1 | saliu, Daik Gre | | | 0.0 |
| 3 | | | | - | - | CL | | | | 3.5- | 4' Clay, Grey | | | <u> </u> |
| 4 | | | | | _ | | | | | | | | | |
| 4 | | | - | 70% | | SP | | | | 4-5' S | and, Dark Grey | | | 0.0 |
| 5 | <u> </u> | | | _ | | ML | | | | 5-6' C | layey Silt, Grey | | | |
| 66 | L1-C | 5.5-€ | 5.0' | | | SP | | 6- | 7.5' 1 | Varved Sand, | Brown/Dark Br | own, trace silt | : | |
| 7 | - | - | | - | | | | | | | | | | <u> </u> |
| | | | | | 丰 | SP | | | | | Brown, little cla | , | | |
| 8 | | | | | + | | | <u></u> | | End | of Exploration | | | |
| 9 | | | | | _ - | | | | | | | | | |
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| | | | | | \exists | | _ | | | | | | | |
| 15 | - | | | | \dashv | | — | | | | | | | |
| 16 | | | | | \Box | | _ | | | | _ | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe | Rig | | | | SURFAC | CE ELEVATIO | ٧: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | No | | | | | START | DATE: | 11/13/200 | 7 | |
| RISER FRO | M: | NA | то: | NA SCREE | N FR | OM: | NA | TO: NA | A | END DA | TE: | 11/13/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| | neasured | i from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | | BOF | RING I | OG | | | | | E | BORING | G NUMBI | ER: P51-L2 |
|-------------------------------|--------------------|----------|----------|--------------------------|---------------|-----------------------|----------|---------------------------------------|-------------|-----------|-----------------|-----------|------------------------------|-------------|---------------|
| | | | | IENTAI TURE | & | PROJECT LOCATE CONTR. | ion: | US Army BRAC Main Post, FTMN R: TVS | | e Investi | igation | c | OB NUM CLIENT: PRILLER | USACE | 124976 |
| | | | | | | CONTR | ACTO | R: 175 | | | | F | TELD RE | P: K. Gerde | s |
| | YPE | | | SAMPLER robe MacroCo | | ASING | C | ORE BARREL | DATE | 11/13/ | | H OF | GROUND | WATER | |
| | ZE (ID) | | Сеорі | 2" | ire | - | | | | | | | | - | |
| HAMM | ER WEIG MER FAI | | <u> </u> | NA NA | _ | | | | Ground | water D | epth (feet): | | | 5.5' | |
| IIAMI | VILIC I AL | | 1PLE | | ' | | | | 1 | 1 | | _ | | | 1 |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Sym | bol | | DESCI | UPTIO | N OF MATE | ERIAL | S | | PID ppm |
| 0 | | | | 70% | | SP | | | 0-3' Sar | id, Brow | vn/Light Brov | vn, littl | e gravel | | |
| 1 | L2-A | 0-0 | .5' | | | | | | | | | ٠ | | | 0.0 |
| | | | | | | - | | | | | | | | | |
| 2 | L2-B | 1.5- | 2.0 | | - | | \dashv | | | | | | | | 0.0 |
| 3 | | | | | | SM | | | 3-4' C | layey Sa | and, Light Gr | еу/Вгоч | wn | | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | 90% | | SP | | | | 4-5' Sa | nd, Light Bro | wn | | | 0.0 |
| 5 | | | | | | ML | | | 5-6' | Clayey | Silt, Grey, lit | tle sand | d | | |
| 6 | L1-C | 5-5 | .5' | | | CL | | 6-8' | Silty Cla | y, Brow | n/Orange Bro | wn, m | ottled, wet | | - |
| | | | | | | | | | - | • | | | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | End | of Exploratio | n | | | + |
| | | | | | | | | | | | | | | | |
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| 14 | \vdash | | | | | | \dashv | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | 1 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted (| Geoprobe | Rig | | | s | URFAC | CE ELEVATI | ON: | | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: | No | | | | s | TART I | DATE: | 1 | 1/13/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCR | EEN FR | OM: | NA | TO: NA | E | END DA | TE: | 11/1 | 13/2007 | | |
| NOTES: | | | | | | | | | | | | Т | | | |
| PID mea Depths t NA=not | measured | l from g | | n 6" intervals urface | | | | | | | | | | | |

| | | | | E | ORING I | LOC | } | | | BORIN | G NUMBE | R: P51-L3 |
|-----------------------|----------------|---------------|--------------|---------------------------|---------------|------|----------------|------------------|----------------------|--------------------------|--------------|--------------|
| | | | | ENTAL & | & PRÓJEC | | US Army BRAC 2 | | igation | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | | | • | | | DRILLER | : Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/13 | /07' | | | |
| HAMMI | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 6.0' | |
| HAMIN | MER FA | | PLE | NA | | | | | . ! | <u> </u> | l | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ıbol | | | N OF MATER | | | PID ppm |
| 0 | L3-A | 0-0. | 5' | 95% | SP | | 0-2' S | and, Brown, litt | tle silt, trace grav | el, coal fragm | ents | 0.0 |
| 1 | | | | | | _ | | | | | | 0.0 |
| 2 | L3-B | 1.5-2 | .0' | | SP | | 1 | 2-4' Sand, Ligh | t Brown, trace gr | avel, silt | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 95% | SP | | | 4-7.5' Sand, L | ight Brown/Brov | vn Grey | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | L3-C | 5.5-€ | .0' | | - | | | | wet | | | |
| | | | | | | | | | | | | |
| 7 | | | | | CL | | 7.5-8' | Silty Clay, Dark | Grey/Orange B | rown, little san | đ | |
| 8 | | | | | | | | End | of Exploration | | | |
| | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | - | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | | | | _ | _ | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 16 | | l | | | | | | | | _ | | |
| DRILLING | | | | ick-mounted Geor | | | | | CE ELEVATION | | | |
| TEMPORAL RISER FRO | | L INST. NA | ALLEI TO: | D: NA SCREE | No N FROM: | NA | TO: NA | START : | | 11/13/2007 11/13/2007 | | |
| NOTES: | | | 10. | NA SCREE | | 147 | . 10, NA | END DA | | 7 | | |
| | neasured | from gr | | o 6" intervals ourface | | | | | | | | |

| | | | | | В | ORING I | LOG | | | | BORING | G NUMBE | R: P51-L4 | |
|--|------------------------------------|---------|------|-----------------------|---------|-----------------|------|--------------|--------|--|---------------------|---------------|--|--|
| SHAW | | | | IENT. TURF | | PROJEC LOCAT | | US Army BRAC | | Site Investigation | JOB NUM CLIENT: | BER: USACE | 124976 | |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER FIELD RE | Frank Acc | | |
| | | | | SAMPLE | | CASING | C | ORE BARREL | Ļ | | OF GROUND | WATER | | |
| | TYPE ZE (ID) | | Geop | robe Macr 2" | oCore | | | | DA | TE 11/13/07' | | | | |
| HAMM | ER WEI | | | NA | | | | | Gro | oundwater Depth (feet): | | 8.0' | | |
| HAM | MER FA | | | NA | | | | | ┸ | | | | 1 | |
| DEPTH (feet) | No. | DEP | TH | RI | EC | USC Syn | ibol | | DE | SCRIPTION OF MATER | IALS | | PID ppm | |
| 0 | | | | 95 | i% | | | | | 0-1' asphalt over gra | vel | | | |
| 1 | L4-A | 0.5-1 | 1.0 | | | | | | | 1-2' incinerator ash/sla | g | | 0.0 | |
| 2 | L4-B | 1.5-2 | 2.0' | | | SP | | 2- | 4' Saı | nd, Brown/Brown Grey, tra | ce gravel, silt | | 0.0 | |
| 3 4 4 75% SP 4-7.5' Sand, Light Brown/Brown Grey | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 0.0 | |
| | | | | | | | | | | | | | | |
| . 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | L4-C | 7.5-1 | 8.0' | | | CL | | 7.5-8 | Silty | Clay, Dark Grey/Orange F End of Exploration | frown, little san | d | | |
| 8 | - | | | | | | | | | | | | | |
| 9 | | | | | | - | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 12 | | | | | | | | | | | | | | |
| 13 | | | - | | | | | | | | | | | |
| 14 | | | | | | | | | | · | · | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | - | | | | | | | ., | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mount | ed Geop | robe Rig | | | | SURFACE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | ì | Чo | | | | START DATE: | 11/13/2007 | • | | |
| RISER FRO | OM: | NA | TO: | NA S | SCREEN | FROM: | NA | TO: NA | | END DATE: | 11/13/2007 | | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremen measured t applicat | from gr | | n 6" interv urface | als | | | | | | | | | |

| | | | |] | BOI | RING I | LOC | 3 | | | BORIN | G NUMBE | R: P51-L5 |
|-------------------------------|----------------|----------|------|--------------------------|----------|---------|----------|---------------------------------------|------------------|------------------|-------------|--------------|--------------|
| SHAW | ENV | VIRC | NN | TENTAL : | & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| IN | IFRA | ASTR | UC | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | ND. TWO | | | DRILLER | : Frank Acco | orsi |
| | | | | | | CONTR | ACIC | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| - | | | | SAMPLER | C. | ASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | ┢ | | | | DATE 11/13 | /07' | | | - |
| HAMMI | ER WEI | | | NA | | -1 | | | Groundwater D | epth (feet): | | 8.0' | |
| HAMN | MER FA | | IPLE | NA NA | J | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | | N OF MATER | | | PID ppm |
| 0 | | <u> </u> | | 75% | \dashv | | | | 0-1' a | sphalt over grav | el | | 0.0 |
| 1 | L5-A | 0.5-1 | .0' | | _ - | | | | 1-2' inc | inerator ash/sla | ; | | <u> </u> |
| 2 | L5-B | 1.5-2 | 2.0' | | # | SP | | | 2-3.5' Sand, L | ight Brown, trac | e gravel | | 0.0 |
| 3 | | | | | 7 | SP | | | 3 5_411 | Sand, Dark Grey | | | |
| 4 | | | | | ⇉ | | | | | | _ | | |
| 4 | | <u> </u> | | 80% | | SP | | | 4-7.5' Sand, | Dark Grey/Gree | n Grey | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | _ | | | | | | |
| 7 | | | | | 4 | | | | | | | | |
| | | | | | | SM | | | | and Silt, Green | Grey | | |
| 8 | L5-C | 7.5-8 | 3.0' | | + | | | · | End | of Exploration | | | |
| | | | | | # | | | | | | | | |
| 9 | <u> </u> | | | | _ | | | | | | | | - |
| 10 | | | | | \dashv | | | | | | | | |
| 11 | | _ | | | 丰 | | | | | | | | |
| 12 | | | | | \dashv | | | | | | | | |
| 12 | | | | -, | 7 | | | | | | - | • | |
| 13 | | | | | \pm | | | | | | | | |
| 14 | ļ | | | | \dashv | | | | | | | | |
| | | | | | | | | • | | | | | |
| 15 | | | | | \dashv | | | | | | | | |
| 16 | | | | | | | | | 1 | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe | Rig | | | SURFAC | CE ELEVATION | l: | | |
| TEMPORAL | RY WEI | L INST. | ALLE | D: | No | | | • | START | DATE: | 11/13/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | END DA | TE: | 11/13/2007 | | |
| NOTES: | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | |] | BORING | LOC | | | | BORIN | G NUMB | BER: P51-L6 |
|-----------------|--|------------|------------|--------------------------|--|---|--------------|---------------------|--------------------------------|---------------------|---------------|----------------|
| | | | | ENTAL . | ŀ | ECT: | US Army BRAG | C 2005 Site Investi | igation | JOB NUM | BER: USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER FIELD RE | : Frank A | |
| | | | | AMPLER | CASING | \top | ORE BARREL | | DEPTH | OF GROUNE | OWATER | |
| | ТҮРЕ | | | robe MacroCore | | | | DATE 11/13/ | | | ļ | |
| | IZE (ID) IER WEIG | GHT | | 2" NA | | - | | Groundwater D | epth (feet): | | 5.0' | |
| | MER FA | LL_ | | NA | | <u> </u> | | | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | | | 0-1' a | sphalt over gra | vel | | |
| 1 | L6-A | 0.5- | 1.0' | | | | | 1-2' inc | inerator ash/sla | g | | 0.0 |
| 2 | L6-B | 1.5-2 | 2.0' | | SI | • | | 2-4' Sa | nd, Light Brown | n | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | 1 | | | p.a.s. | | | | 4250 | D-1. C /C | C | | |
| 4 | - | | = | 80% | Sì | <u>, </u> | | 4-7.5' Sand, | Dark Grey/Gree | n Grey | | 0.0 |
| 5 | L6-C | 4.5- | 5.0' | | - | | | | | | | - |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | SM | Ä. | | | and Silt, Green of Exploration | Grey | | |
| 8 | | | | | | | | Liid | or Exploration | | | |
| 9 | + | | - | | | | j | | | | | |
| 10 | | | | | | | | | | | | |
| 1] | | | | | | | | | | | | |
| 12 | +- | | - | | | | | | | | | |
| 12 | | | | | | | | | - | | - | |
| 13 | | | | | | | 1 | | | | | |
| 14 . | | | | | | | 1 | | | | | |
| | | | | | | | Ī | | | | | |
| 15 | | | | | | | 1 | | | | | |
| 16 | | l | | | | | <u> </u> | | | | | _1 |
| DRILLING | | | | ck-mounted Geo | | | | | CE ELEVATIO | | _ | |
| TEMPORA | | | | | No | | | START | | 11/13/2007 | I | |
| RISER FR | .ом: | NA ——— | TO: | NA SCREE | :N FROM: | N/ | A TO: N | A END DA | VIE: | 11/13/2007 | | |
| PID me | easuremer s measured ot applicat | from g | | a 6" intervals urface | | | | | | | | |

BORING NUMBER: BORING LOG PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K. Gerdes SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER TYPE DATE 11/13/07' Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA 7.5' Groundwater Depth (feet): HAMMER FALL SAMPLE REC DEPTH USC Symbol DESCRIPTION OF MATERIALS DEPTH PID (feet) ppm 75% 0-1' asphalt over gravel 0 0.0 L7-A 0.5-1.0 I-2' incinerator ash/slag L7-B 1.5-2.0 2-3.5' Sand, Light Brown, little silt, trace gravel 0.0 2 SP 3 SP 3.5-4' Sand, Grey, trace gravel 80% SP 4-8' Sand, Light Grey/Brown, little silt 0.0 6 L7-C 7-7.5' wet End of Exploration 8 9 10 11 12 12 13 14 15 16 DRILLING RIG TYPE: SURFACE ELEVATION: Truck-mounted Geoprobe Rig TEMPORARY WELL INSTALLED: START DATE: 11/13/2007 No NA SCREEN FROM: END DATE: 11/13/2007 RISER FROM: TO: NA NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | В | ORING | LOG | | | | BORIN | G NUMBI | ER: P51-L8 |
|-----------------|------------------------------------|-----------|------|--------------------------|-----------|------------|----------------|--------------------|--------------------|-------------------------|---------------|---------------|
| | | | | IENTAL & | LOCAT | ION: | Main Post, FTM | C 2005 Site Invest | igation | JOB NUM CLIENT: DRILLER | USACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | CP: K. Gerdes | ; |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 11/13 | /07' | | | |
| HAMM | ER WEI | | | NA | | ļ <u>.</u> | | Groundwater I | Pepth (feet): | | 4.5' | |
| HAM | MER FA | | IPLE | NA | | ٠ | | · | <u> </u> | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | _ | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 75% | | | | 0-1' a | asphalt over grav | vel . | | 0.0 |
| 1 | L8-A | 0.5-1 | .0' | | | | | 1-2.5' ir | ncinerator ash/sla | ng | | |
| 2 | L8-B | 1.5-2 | 2.0' | | - | | | 0.5.41.5 | | ~ | | 0.0 |
| 3 | | - | | | SM | | | 2.5-4' Sanc | l with silt, Dark | Grey | | |
| 4 | ļ | | | _ | | | | | | | | |
| 4 | L8-C | 4-4. | .5' | 80% | SP | | | 4-8' Sand, Lig | ht Grey/Brown, | little silt | | 0.0 |
| 5 | | | _ | | | | | | | | | |
| 6 | | | | | | - | | | | | | |
| | | | | | | | | | | | | |
| 7 | | | | | _ | | | | | | | |
| 8 8 | | | | | | | | End | of Exploration | | | |
| 9 | — | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 | | ļ | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
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| 13 | - | | | | | | | | | | | |
| 14 | 1 | - | | | | | | | | | | |
| 15 | | | | | | _ | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geog | orobe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | START | DATE: | 11/13/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | TO: N | A END DA | ATE: | 11/13/2007 | | |
| NOTES: | | | _ | | | | | | | | | |
| Depths | asuremen measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BO | RING I | COG | ; | | | BORING NU | | : 51-L9 |
|-------------------------------|--------------|-----------|------|---------------------------|-----------|---------|------|----------------|------|--|-----------------|----------|------------|
| SHAW | ENV | VIRC |)NM | ŒNTAL | & | PROJEC | CT: | US Army BRAC | 200 | 05 Site Investigation | JOB NUMBER: | | 24976 |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTM | M. P | NI | CLIENT: USA | CE | |
| | | | | | | | | | , | | DRILLER: Fran | k Accors | |
| | | | | | | CONTR | ACTO | R: TVS | | | FIELD REP: K. C | | |
| | | | | | _ | | | | _ | | | | |
| 7 | TYPE | | | SAMPLER robe MacroCore | | CASING | С | ORE BARREL | D | DEPTH O ATE 11/16/07' | F GROUNDWATE | R | |
| SI2 HAMMI | ZE (ID) | CUT | | 2" NA | - | | | | G | roundwater Depth (feet): | 4.0' | | |
| | MER FA | | | NA NA | \vdash | | | | 0 | Toulidwater Depth (feet). | 4.0 | | |
| D. P. DOWLEY | [s. | | IPLE | | | NOC C | | | - | ECCULPTION OF MATERIA | T.S. | _ | nin |
| DEPTH (feet) | No. | DEP | TH. | REC | | USC Sym | | | D | ESCRIPTION OF MATERIA | | 1 | PID ppm |
| 0 | L9-A | 0-0 | 51 | 100% | - | ML/GI | _ | | | 0-2.5' Silt, Dark Brown, little | gravel | - | 0.0 |
| 1 | | | | | _ | | | | | | | | |
| 2 | L9-B | 1.5-2 | 2.0' | | _ | | | | | | | | 0.0 |
| 3 | - | | | | | ML/GI | | : | | 3' Clayey Silt with gravel, Brow b' Clayey Silt, Dark Brown, bric | | - | |
| | | | | | \exists | | | | | | , | | |
| 4 | L9-C | 3.5-4 | 1.0' | | \dashv | | | | | End of Exploration | | -+ | |
| 5 | | | | | | | | • | | | | | |
| | | | | | | | | | | | | | |
| 6 | | | | | - | | | | | | | 1 | |
| 7 | | | | | \dashv | | | | | | | F | |
| 8 | | | | | | | | | | | | | |
| 8 | - | | | | - | | | | | | | - | |
| 9 | | | | | _ | | | | | | | | |
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| 11 | | | | | | | | | | | | ŀ | |
| 12 | <u> </u> | | | | | | | | | | | | |
| 12 | | | | | 〓 | | | | | | | | |
| 13 | | | | | _ | | | | | | | ŀ | |
| 14 | | | | | _ | | | | | | | F | |
| | | | | | | | | | | | | 1 | |
| 15 | ļ | | | <u> </u> | \dashv | | | | | | | | |
| 16 | l | | | | | | | | | T | | 1 | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Ge | oprob | e Rig | | | | SURFACE ELEVATION: | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | Ye | S | | | | START DATE: | 11/16/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCRE | EN F | ROM: | 3' | TO: 8' | | END DATE: 1 | 1/16/2007 | | |
| NOTES: | | | | | | - | | | | | | | |
| PID mea Depths a NA=not | measured | l from gr | | n 6" intervals urface | | | | | | | : | | |

| | | | | | В | ORIN | G LO | G | | | BORING N | | R: 51-M1 |
|------------------|--------------------------------------|--------|------|-------------|------------|--------------|------------------|------------------|---------------------|---------------------------------------|--------------|-------------------|-------------|
| SHAW | V ENV | | | | | roc | DJECT: CATION | : Main Post, FTM | C 2005 Site Invest | tigation | | SACE ank Accor | 24976 |
| | | | | SAMPLE | ER | CASIN | G | CORE BARREL | T | DEPTH | OF GROUNDWAT | ER | |
| | TYPE | | | robe Mad | | | | | DATE 11/14 | | | | |
| | IZE (ID) IER WEIC | энт | | 2" NA | + | | \dashv | | Groundwater I | Denth (feet): | 5.0 |)' | |
| | MER FAI | | | NA | | | | | | | | _ | |
| PERMIT | Ist. I | | 1PLE | | no. | Luco | C 1 -1 | 4 | DECCRIPTIO | N OF MATER | | | DVD |
| DEPTH (feet) | No. | DEP | TH | Н | EC | USC | Symbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 7 | '0% | | SP | | 0-4' Sand, 1 | Light Brown, tra | ce gravel | | |
| 1 | M1-A | 0-0 | .5' | | | + | _ | - | | | | | 0.0 |
| | | | | | | 1 | |] | | | | | |
| 2 | M1-B | 1.5- | 2.0' | | | 1 | | | | | | | 0.0 |
| 3 | + | | | | | | | 1 | | | | | |
| | | | | | | | _ |] | | | | | |
| 4 | + | | | 8 | 30% | | SP | + | 4-5' Sand, Li | ight Brown, trac | e gravel | | 0.0 |
| | | | | | | 1 | | | | | _ | | |
| 5 | M1-C | 4.5- | 5.0' | | | 1 | ML | - | 5-7' Clayey Silt, I | Light Grey/Light | Brown, wet | | |
| 6 | 1 | | | | | | | - | | | | | |
| | | | | | | | an | - . | | 1.111.5 | | | |
| 7 | + | | | | | | SP | -1 | 7-8° \$8 | and, Light Brow | n | | |
| 8 | | | | | • | | | | End | of Exploration | | | |
| 8 | | | | | | | | - | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | - | | _ | | | | | |
| 10 | - | | | | | + | | | | | | | |
| 11 | <u> </u> | | | | | ļ | _ | _ | | | | | |
| 12 | - | | | | | | | - | | | | | |
| 12 | ļ | | | | | 1 | | | | | | | |
| 13 | | | | | | + | - | - | | | | | |
| | | | | | | | | _1 | | | | | |
| 14 | 1 | | | | | + | | - | | | | | |
| 15 | | | | | | | | _ | | | | | |
| 16 | + | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mour | nted Geopi | obe Rig | | | SURFA | CE ELEVATIO | | | |
| TEMPORA | | | | | | lo . | | | START | | 11/14/2007 | | |
| RISER FRO | | NA NA | TO: | | SCREEN | | N | IA TO: N | 1 | | 11/14/2007 | | |
| NOTES: | | | | | | | | | 1 | · · · · · · · · · · · · · · · · · · · | | | |
| PID me Depths | easuremen measured ot applicab | from g | | | vals | | | | | | | | |

| | | | _ |] | BORI | NG I | OG | } | | | BORING | G NUMBE | |
|-----------------|------------------------------------|-----------|------|--------------------------|-------------------|---------|---------|-----------------|-------------------|--------------------------------------|------------------|--------------|------------|
| | | | | | 127 | 10 IE 6 | т. | 170 A 200 A CO | 2005 G': 1 | • .• | TON NUMBER | n=n | P51-M2 |
| SHAW | EN | VIRC | NN | TENTAL | & ^{P1} | ROJEC | 1: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| n | NFRA | STR | UC | TURE | | | | | | | CLIENT: | USACE | |
| | | | | | L | OCATI | ON: | Main Post, FTMN | í, NJ | | | | |
| | | | | | | | | | | | DRILLER | Frank Acc | orsi |
| | | | | | C | ONTR | CTO | OR: TVS | | | | | |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASI | NG | _ | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | | DATE 11/14 | | | | |
| | ZE (ID) ER WEI | cur | | 2" NA | | | | | Groundwater D | South (foot): | | 5.5' | |
| | MER FA | | | NA NA | - | | _ | | Glottidwater L | epar (reer). | | J.J | + |
| | | | IPLE | _ | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | US | C Sym | bol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | | | | 75% | | SP | | | 0-1' Sand v | vith Gravel, Ligh | t Brown | | |
| 1 | M2-A | 0-0. | .5' | | | | | | 1 1 61 5 | | | | 0.0 |
| 1 | + | - | | | \dashv | SP | | | | cinerator slag/as ight Grey/Brown | | | |
| 2 | М2-В | 1.5-2 | 2.0' | | | | | | ,- | - • | | | 0.0 |
| 3 | | - | | | | | | • | | | | | |
| | | | | | | SM | | • | 3.5-4' Sand and | l Clay, Light Gre | y Brown | | |
| 4 | ļ | | | 90% | + | SM | | | 4 5! Cand and | Clay, Light Grey | . D | | |
| | 1 | | - | 90% | _ | SIVI | | | 4-5 Sand and | Clay, Light Grey | Diown | | 0.0 |
| 5 | | | | | | ML | | 5- | 7' Clayey Silt, I | ight Grey/Light | Brown, wet | | |
| 6 | M2-C | 5-5. | .5' | | | | | | | | | | |
| | | - | | | | | | | | | | | |
| 7 | ļ | | | | | SW | | 2500 | | Orange, little grav | | | |
| 8 | - | | | | | SP | — | 7.5-8° 5a | | /Dark Grey, trac of Exploration | e siit, mottied, | wet | |
| 8 | | | | | | | | | | | | | 1 |
| 9 | - | | | _ | | | | | | | | | |
| | | | | | | | |] | | | | | |
| 10 | | | | | - | | | | | | | | |
| 11 | ┼── | | | | 1 | - | | | | | | | |
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| 13 | - | | | | | | | | | | | | <u> </u> |
| 14 | | | | | | | | | | | | | |
| 15 | + | | | | | | | | | | | | |
| 13 | \vdash | | | | | | | | | | | | - |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | 3 | | | SURFAC | CE ELEVATION | I: | | |
| TEMPORA | RY WEI | L INST | | | No . | | | | START | | 11/14/2007 | | |
| | | NA | TO: | | | | XI A | TO: NA | | | | | |
| RISER FRO | AVI. | MA | 10: | NA SCREE | IN PROM | | NA — | TO: NA | END DA | V16: | 11/14/2007 | | |
| NOTES: | | | | | | | | | · | | | | |
| Depths | asuremen measured t applicab | i from gr | | n 6" intervals urface | | | | | | | | | |
| | | | | | | | | | | | | | |

| | | | | | В | OR | ING I | LOG | ; | | | | | BORIN | G NUMB | ER: P51-M3 |
|-------------------------------|--------------|---------|------|----------|-----------|----------------|---------|------|-------------|-------------|--------|----------------|------------------------------------|-------------|--------------|---------------|
| SHAW | ENT | /IRC | NN | IEN1 | rat. a | | PROJEC | CT: | US Army l | BRAC 2 | 2005 | Site Investiga | ation | JOB NUN | 1BER: | 124976 |
| | IFRA | | | | | | LOCAT | ION: | Main Post, | FTMM | ı NI | | | CLIENT: | USACE | |
| | | | | | | | LOCAL | ion. | wani i osi, | 1. 1 141141 | 1, 113 | | | DRILLEI | R: Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | R: TVS | ; | | | | 1 | EP: K. Gerde | |
| | | | | | | | | | | | 1 | | 2220011 | ┸ | | |
| | YPE | | | | стоСоте | CA | SING | | ORE BARRI | EL . | DA7 | ΓΕ 11/14/0 | | OF GROUN | DWAIER | ļ |
| HAMMI | | | | 2" NA | | | | | | | Gro | undwater Dep | th (feet): | - | 4.5' | |
| HAMN | MER FAI | | IPLE | NA | | | | Щ. | | | _ | | | | | |
| DEPTH (feet) | No. | DEP | | | REC |] | USC Sym | bol | | | DES | | OF MATER | | | PID ppm |
| 0 | | | | | 75% | \perp | - | | | _ | | 0-1' asp | halt over grav | vel | | 0.0 |
| 1 | M3-A | 1-1. | ς, | | | - | SP | | | 1 | 5.2 | | nerator ash/sla t Brown, little | | | |
| 2 | M3-A M3-B | 1.5-2 | | | | # | SP | | | | | | Brown, little | _ | | 0.0 |
| 3 | | | | | | 1 | SP | | | - | | | | | | |
| 4 | | | | | | 土 | | | | | | | Oark Grey, litt | | | |
| 4 | M3-C_ | 4-4 | .5' | | 80% | + | SP | | | | 4-8 | ' Sand, Light | Grey/Brown, | little silt | | 0.0 |
| 5 | | | | | | \blacksquare | | | | | | | | | | |
| 6 | | | | | | 1 | | | | | | | | | | ,, |
| 7 | | _ | | | | _ | | | | | | | | | | |
| 8 | | | | | | | | | | | | End of | Exploration | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | + | | | | | | | | | | _ |
| 10 | | | | | | - | | | | | | | | | | |
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| 12 | | | | | | - - | | | | | | | | | | |
| 13 | | | | | | \pm | | | | | | | | | | |
| 14 | | | | | | \mp | | | | | | | | | | |
| 15 | | | | | | + | | | | | | | | | | |
| 16 | | | | | | | | | | _ | | | | | <u> </u> | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | тове | Rig | | | | | SURFACE | ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | | | | No | | | | | | START D | | 11/14/200 | 07 | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | V FRO | OM: | NA | TO: | NA | | END DAT | E: | 11/14/2007 | | |
| NOTES: | | | | | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | | rvals | | | | | | | | | | | |

BORING NUMBER: **BORING LOG** PROJECT: JOB NUMBER: US Army BRAC 2005 Site Investigation 124976 SHAW ENVIRONMENTAL & CLIENT: USACE **INFRASTRUCTURE** LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K. Gerdes SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER TYPE DATE 11/14/07' Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 8.0' HAMMER FALL NA SAMPLE DEPTH REC DESCRIPTION OF MATERIALS DEPTH USC Symbol PID (feet) ppm 75% 0-1' Asphalt over gravel 0.0 I-1.5' incinerator slag/ash M4-A 1-1.5' SP 1.5-3.5' Sand, Light Grey Brown, little gravel, silt 2 1.5-2.0 M4-B 0.0 SP 3.5-4' Sand, Light Grey, little silt 100% SP 4-5' Sand, Light Brown 0.0 4 ML 5 5-7' Silt, Light Grey Brown 6 SM 7-8' Sand and Clay, Greenish Grey M4-C 7.5-8.0' End of Exploration 9 10 11 12 12 13 14 15 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig START DATE: TEMPORARY WELL INSTALLED: Nο 11/14/2007 END DATE: 11/14/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | В | ORING | LOG | } | | | BORIN | G NUMBE | R: P51-M5 |
|-----------------|----------------------------------|-----------|------------|--------------------------|-----------|--------------|----------------|--------------------|--|-------------------------|--------------|--------------|
| | | | | ENTAL & | LOCAT | ION: | Main Post, FTM | | Site Investigation | JOB NUM CLIENT: DRILLER | USACE | 124976 |
| | | | | , | CONTR | RACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | C | ORE BARREL | $oldsymbol{\perp}$ | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore | | | | _DA | TE 11/14/07' | | | |
| HAMMI | ER WEIG | | | NA | | | | Gro | undwater Depth (feet): | | 7.5' | |
| HAMN | MER FAI | | | NA | | Ц, | | Щ. | | | | + |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | | | | 75% | | | | | 0-1' Asphalt over gra | vel | | 0.0 |
| 1 | - | | | | + | | | | 1-1.5' incinerator slag/as | sh | | 0.0 |
| | M5-A | 1-1. | | | SP | | | 1.5-3 | 3.5' Sand, Dark Brown Grey | , little silt | | 0.0 |
| 2 | M5-B | 1.5-2 | 2.0 | | + | | | | | | | 1- 0.0 |
| 3 | | | | | | | | | 0549 15 10 10 | | | |
| 4 | | | | | SP | | | | 3.5-4' Sand, Dark Grey, littl | e sut | | —— |
| 4 | | | | 80% | SP | | | | 4-5' Sand, Dark Grey, little | silt | | 0.0 |
| 5 | - | | | | SP | | • | | 5-7' Sand, Green Grey, little | e silt | | - |
| | | | | | | | | | | | | ,, |
| 6 | | | | | | | | | | | | |
| 7 | | | | | ML | | | | 7.5' Clayey Silt, Light brow | | | |
| 8 | M5-C | 7-7 | .5' | | SW | | 1 | 7.5-8' | Sand, Brown Grey, little gra End of Exploration | wel, silt,wet | | |
| 8 | | | | | | | | | List of Exploration | | | |
| 9 | - | <u> </u> | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | 1 | \Box | SURFACE ELEVATION | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | , | START DATE: | 11/14/2007 | | ļ |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | 4 | END DATE: | 11/14/2007 | | |
| NOTES: | | | | | | | | | | 1 | - | |
| PID mea | asuremen measured applicab | l from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | ВО | RING 1 | LOG | ļ | | | BORING | G NUMBE | R: P51-M6 |
|-------------------------------|----------------|----------|-------|-------------------------|----------|---------|----------|---------------|--------|-----------------------------------|------------|--------------|--|
| SHAW | ENV | ЛRC | NN | TENTA | T. & | PROJEC | CT: | US Army BRA | AC 2 | 005 Site Investigation | JOB NUM | | 124976 |
| | | | | TURE | | | | | | | CLIENT: | USACE | |
| | | | , | | | LOCAT | ION: | Main Post, FT | MM, | , NJ | | _ | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | | CASING | C | ORE BARREL | \Box | | F GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe Macro 2" | Core | | | | | DATE 11/14/07' | | | |
| HAMM | ER WEIG | | | NA NA | | | | | | Groundwater Depth (feet): | | 8.0' | |
| | ALK I A | | IPLE | | | - ' | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | rpol | | | DESCRIPTION OF MATERIA | | | PID ppm |
| 0 | | | | 75% | 6 | | | | | 0-1' Asphalt over grave | l | | 0.0 |
| 1 | | | | | | ~~ | | | | 1-1.5' incinerator slag/ash | | | 0.0 |
| 2 | M6-A M6-B | 1-1 | | | | SP | | | 1 | 1.5-4' Sand, Brown/Green Grey, to | race silt | | 0.0 |
| 3 | | | | - | | | | | | | | | |
| 4 | | | | - | | | | | | | | | |
| 4 | | | | 75% | 6 | SP | | • | | 4-8' Sand, Grey/Brown, little | silt | | 0.0 |
| 5 | | | | | | | | | | | | | <u> </u> |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| | | | _ | | | | | | | | | | |
| 8 | М6-С | 7.5- | 3.0' | | | | | | | End of Exploration | | | - |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | | |
| 14 | | | | _ | | | \dashv | | | | | | i |
| 15 | | | | | | | | | | | | | |
| 16 | | <u> </u> | | _ | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted | d Geopro | be Rig | | | | SURFACE ELEVATION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No |) | | | | START DATE: | 11/14/2007 | | |
| RISER FRO | M: | NA | TO: | NA SO | CREEN F | ROM: | NA | TO: | NΑ | END DATE: 1 | 1/14/2007 | | |
| NOTES: | | | | | | | | | | · | | | |
| PID mea Depths r NA=not | neasured | from gr | | o 6" interval urface | s | | | | | | | | |

| | | | | E | OR | ING I | .OG | | | | | BORIN | G NUMBI | E R: P51-M7 |
|-----------------|---------------|---------|-------|---------------------------|---------|------------------|------|-------------|-----|--------------|-----------------|------------|---------------|-----------------------|
| | | | | ENTAL & | & | PROJEC LOCATI | | US Army BR | | | igation | JOB NUM | BER: USACE | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER | : Frank Acc | corsi |
| | | | | | | | | | | | | FIELD RI | P: K. Gerdes | |
| 77 | YPE | | | SAMPLER robe MacroCore | CA | SING | C | ORE BARREL | | TE 11/15/ | | OF GROUN | WATER | |
| SIZ | ZE (ID) | | Сеор | 2" | | | | | | | | | | |
| HAMME | ER WEIG | | | NA NA | | | | | Gre | oundwater D | epth (feet): | | 8.0' | |
| 11711911 | ILIC I I I | _ | IPLE | 3111 | | | | | | | • | 1 | | |
| DEPTH (feet) | No. | DEP | TH | REC | Ţ | JSC Sym | bol | | DE | SCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | | | [| 70% | | | | | | 0-1' A | Asphalt over gr | avel , | | 0.0 |
| 11 | | | | | | | | | | | cinerator slag/ | | | 0.0 |
| 2 | M7-A M7-B | 1-1. | | <u>-</u> | + | SW | | | | 1.5-3.5' 8 | Sand, Light Br | own | | 0.0 |
| | | | | | | | | | | | | | | |
| 3 | | | | | | SP | | | | 3.5-4' \$ | Sand, Light Gr | ey . | | , |
| 4 | | | | 70% | + | SP | | | | 4-7' Sand. | , Light Grey/B | rown | | 0.0 |
| | | | | | \perp | | | | | , | , | | | |
| 5 | | | | | - | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | SP | | | 7- | 8' Sand, Gre | en Grey, little | silty clay | | |
| 8 | M7-C | 7.5-8 | 3.0' | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | <u> </u> | + | | | | | | | | | |
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| 13 | | | | | \pm | | | | | | | | | |
| 14 | | | | | \mp | | | | | | | | | |
| 15 | | | | | \perp | | | | | | | | | |
| 16 | | | | | \pm | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ck-mounted Geo | probe I | Rig | | | | SURFAC | CE ELEVATIO |)N: | | |
| TEMPORAL | RY WEL | L INST | ALLEI |); | No | | | | | START I | | 11/15/200 | 7 | |
| RISER FRO | | NA | TO: | NA SCREE | N FRO | M: | NA | TO: | NA | END DA | | 11/15/2007 | | |
| OTES: | | | | | | | | | | | | | | |
| | neasured | from gr | | a 6" intervals urface | | | | | | | | | | |

| | - | | | | 3OR | ING I | LOC | 7 | | | | BORIN | G NUMBE | R: P51-M8 |
|---------------------|----------------------------------|--------------|-------|----------------------------|--------------|---------|----------|--------------|-------|------------------|-----------------------|--|--------------|--------------|
| CHAN | TENI | | TATA. | MENTAL . | | PROJEC | CT: | US Army BR | AC 20 | 005 Site Invest | igation | JOB NUM | | 124976 |
| l | | | | TURE | | l | | | | | | CLIENT: | USACE | |
| | TA' ANL | M) II | | IONE | | LOCAT | ION: | Main Post, F | тмм, | NJ | | | | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | DRILLER | : Frank Acco | orsi |
| | | | | | | | | | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CA | SING | (| ORE BARREL | | | | OF GROUNE | WATER | |
| | TYPE ZE (ID) | | Geop | probe MacroCore 2" | | | | | | DATE 11/15 | /07' | | | - |
| HAMM | ER WEIG | | | NA | | | | | | Groundwater D | epth (feet): | | 7.5' | |
| TAIVII | VIEK FA | | MPLE | NA | Щ_ | | Щ, | | _ | | | | | |
| DEPTH (feet) | No. | DEP | | REC | T | USC Sym | ıbol | | 1 | | N OF MATER | | | PID ppm |
| 0 | - | | | 75% | + | | | | | 0-1' A | sphalt over gra | vel | | 0.0 |
| 1 | | | | | 丰 | | | | | | cinerator slag/a | | | |
| 2 | M8-A M8-B | 1-1 | | | + | SW | | | | 1.5-3' Sand, | Dark Grey, tra | ce silt | | 0.0 |
| 3 | | | | | 丰 | GP | | | 2.4 | " Cand and Gra | ! Links Deau | | | |
| | | | | | | | | | J | Sanu anu Gra | vel, Light Brow | n, nace sin | | |
| 4 | | <u> </u> | | 80% | + | SP | \dashv | | 4-7 | ' Sand. Grev B | rown/Green Gre | v little clav | | 0.0 |
| | | | | | # | | | | | James2 | | ,, | | |
| 5 | | | | <u> </u> | 士 | | | | | | | | | <u> </u> |
| 6 | | | | | 4 | | | | | | | | | |
| 7 | | | | | 士 | CL/SP | , | | 7 | 7-8' Clay, Green | n Grey/Brown, I | ittle sand | | |
| 8 | M8-C | 7.5- | 8.0' | | + | | - | | | End | wet of Exploration | | | |
| 8 | | | | | 丰 | | | | | | VI 20191 | | | |
| 9 | | | | | 士 | | | | | | | | | |
| 10 | - | | | | + | | | | | | | | | |
| | | | | | # | | | | | | | | | |
| 11 | \vdash | | | | \pm | | _ | | | | | | | <u> </u> |
| 12 | | | | | \mp | | | | | | | | | |
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| 13 | - | - | | | + | | | | | | | | | |
| 14 | | | | | # | | | | | | | | | |
| 15 | | | | | 士 | | | | | | | | | |
| 16 | - | | | | \vdash | | | | | | | | | - |
| DRILLING | RIG TY | PE: | | uck-mounted Geo | nrobe ! | Rio | | L | | SURFAC | E ELEVATIO | · · | | |
| TEMPORA | | | | | No | 45 | | | | START | | 11/15/2007 | , | |
| RISER FRO | | NA | TO: | NA SCREE | |)M: | NA | TO: | NA | END DA | | 11/15/2007 | | |
| NOTES: | | | | | — | | | | | | | - - - - - - - - - - | | |
| PID mea Depths i | asuremen measured applicab | l from gr | | in 6" intervals surface | | | | | | | | | | |

| | | | | В | ORING | LOG | } | | | BORING NU | | : 51-M9 |
|-----------------|----------------------------------|------------|------------|--------------------------|----------|------|----------------|--------|----------------------------------|--------------|---------------------|------------|
| | | | | IENTAL & | & PROJE | CT: | US Army BRAC | 200 | 5 Site Investigation | JOB NUMBER: | 1: | 24976 |
| 11 | NFRA | STR | RUC | TURE | LOCAT | ION: | Main Post, FTM | M, N | J | CLIENT: US | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Fra | nk Accors Gerdes | 1 |
| | | | | SAMPLER | CASING | | ORE BARREL | Т | DEPTH O | F GROUNDWATE | CIR | |
| | ГҮРЕ | | | robe MacroCore | | | | DΑ | TE 11/15/07' | | | |
| | ZE (ID) ER WEIC | GHT | | 2" NA | | | | Gn | oundwater Depth (feet): | 5.5* | | - |
| | MER FAI | LL | | NA | | | | 丄 | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | USC Syr | nbol | | DE | ESCRIPTION OF MATERIA | ALS | • | PID ppm |
| 0 | | | | 100% | SM/G | P | | 0-2 | Sand and Silt, Dark Brown, l | ittle gravel | | |
| 1 | M9-A | 0-0 | .5' | | | | | | | | | 0.0 |
| 2 | м9-В | 1.5-2 | 2.0' | | sw | | | | .5' Sand, Light brown, little gr | | | 0.0 |
| 3 | ļ | | | | ML | | | 2.5 | -4' Silt, Dark Grey/Brown, tra | ce sand | + | |
| | | | | | | | | | | | Ī | |
| 4 | | | | 100% | CL | | | 4. | 7' Clay, Dark Grey/Green Gre | y, wet | | 0.0 |
| 5 | | | | | | | | | | | ŀ | |
| | м9-С | 5-5 | .5' | | | | | | | | | |
| 6 | | | | | - | | | | | | ŀ | |
| 7 | | | | | SP | | 7- | 8' San | nd, Dark Grey/Light Brown, tr | ace clay,wet | İ | |
| 8 | - | | | - | | | | | End of Exploration | | ŀ | <u> </u> |
| 8 | | | | | | | | | • | | | |
| 9 | | | | - | | | | | | | ŀ | |
| 10 | | | | • | | | | | | | ŀ | |
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| 13 | | | | | - | | | | | | ŀ | |
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| 15 | | | | | | | | | | | ł | - |
| 16 | | | | | | | | | | | - | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe Rig | | · | | SURFACE ELEVATION: | | · · | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START DATE: | 11/15/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREEN | I FROM: | NA | TO: N | 4 | END DATE: 1 | 1/15/2007 | | |
| NOTES: | | | | | • | | | | ····- | | | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BO | RING I | COG | } | | | BORIN | G NUMBE | R: P51-N1 |
|-------------------------------|----------------|---------|------|--------------------------|------|---------|------|-----------------|------------------|--------------------|----------------|--------------|--------------|
| | | | | IENTAL | & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JÒB NUM | | 124976 |
| IV | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | Frank Acce | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | + | | | | DATE 11/15 | 707 <u>'</u> | | | |
| HAMMI | ER WEIG | | | NA NA | 1 | | | | Groundwater I | Depth (feet): | | 3.5' | |
| HAMIN | AEK FA | | IPLE | NA . | | | | | | 1 | | ļ | 1 |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DESCRIPTION | ON OF MATERI | ALS | | PID ppm |
| 0 | N1-A | 0-0 | 51 | 100% | | SM | | | 0-2' Sand an | d Silt, Brown/Lig | ht Brown | | 0.0 |
| 1 | IVI-A | 0-0. | ر. | | | | | | | | | | 0.0 |
| 2 | NI-B | 1.5-2 | 2.0' | | | ML | | | 2-4' Silt, Li | ight brown, little | sand | | 0.0 |
| 3 | NI-C | 3-3 | 5' | - | = | | | | | wet | | | |
| 4 | NI-C | 3-3 | | | | | | — · · · | End | of Exploration | | | |
| 4 | | | | | | | | ı | | | | | 0.0 |
| 5 | | | | | | | | | | | | | ļ |
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| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Ge | opro | be Rig | | | SURFA | CE ELEVATION | ſ <u>.</u> | | |
| TEMPORAL | | | | | No | | | | START | | 11/15/2007 | | |
| RISER FRO | | NA | TO: | NA SCRE | | | NA | TO: NA | END DA | | 11/15/2007 | | |
| NOTES: | - | | | | _ | | | | 1 | | | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | LOG | | _ | | BORING | NUMBE | R: P51-N2 |
|-----------------|----------------------------------|---------|----------|--------------------------|--------------|----------|--------------|--|---|---------------------------|---------------|--------------|
| | | | | IENTAL & | PROJEC | | US Army BRAC | | 5 Site Investigation | JOB NUMI CLIENT: DRILLER: | BER: USACE | 124976 |
| | | | | | CONTR | ACT0 | R: TVS | | | | P: K. Gerdes | .51 |
| | | - | | SAMPLER | CASING | С | ORE BARREL | I | | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | - | | DA | TE 11/15/07' | _ | | |
| HAMM | ER WEI | | | NA | | | | Gre | oundwater Depth (feet): | | 7.0' | |
| HAM | MER FAI | | IPLE | NA | | <u> </u> | | ــــــــــــــــــــــــــــــــــــــ | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | abol | | DE | SCRIPTION OF MATERI | ALS | | PID ppm |
| 0 | N2-A | 0.0 | <u> </u> | 90% | SP | | | 0 | -4' Sand, Brown, little silt, tra | ce gravel | | 0.0 |
| 1 | NZ-A | 0-0 | | | | \equiv | | | | | | |
| 2 | N2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | ļ |
| 4 | | | | 90% | SW | | | 4- | 5.5' Sand, Light Brown, trace | gravel | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | ML SP | | | 6-8' | 5.5-6' Silt, Light Brown/Gr Sand, Light Brown, trace gra | | | |
| 7 | N2-C | 6.5- | 7.0' | | | | | | wet | | | |
| 8 | | | | | | | | | End of Exploration | | | |
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| 16 | | | | _ | | | | | | | • | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geopr | obe Rig | | | | SURFACE ELEVATION | : | | |
| TEMPORA | RY WEL | L INST | ALLE | D: N | lo | | | | START DATE: | 11/15/2007 | | |
| RISER FRO | DM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | ١. | END DATE: | 1/15/2007 | | |
| NOTES: | | | | | - | _ | | ! | | | | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING I | LOC | } | | | | BORING | G NUMBE | R: P51-N3 |
|-----------------|----------------------------------|-----------|---------|--------------------------|----------|------|-----------------|---------|--------------|-------------------------------------|----------------|--------------|--------------|
| SHAW | EN | VIRO |) NN | IENTAL & | PROJE | CT: | US Army BRAC | 2005 S | Site Investi | gation | JOB NUM | BER: | 124976 |
| IN | NFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMM | ı, NJ | | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | Frank Acco | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DAT | E 11/15/ | <u>07</u> ' | | | |
| HAMM! | ER WEI | | | NA NA | | | | Grou | ndwater De | epth (feet): | | 6.0' | |
| | | SAM | IPLE | | | ···· | | - | | - | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ibol | | DES | | N OF MATE | RIALS | | PID ppm |
| 0 | N3-A | 0-0. | 5' | 75% | GW SW | | | በ 5_21 | | 0-0.5' Gravel wn, little silt, t | race oravel | | 0.0 |
| 1 | 113-71 | 0-0. | | • | 5,, | | | 0.5-2 | Sand, Dio | wii, iittie siit, t | race graver | | 0.0 |
| 2 | N3-B | 1.5-2 | 2.0' | | SW | | 2 | !-4' Sa | nd, Dark G | irey, little silt, | trace gravel | | 0.0 |
| 3 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 4 | | | | 100% | SW | | 4 | -6.5' S | and, Dark | Grey, little silt | , trace gravel | | 0.0 |
| 5 | | | | | | | | | | | | | |
| | 1 | | (0) | | | | , | | | | | | |
| 6 | N3-C | 5.5-6 | 5.0 | | SM | | 6 | .5-8' S | Silt and Sar | ıd, Grey/Light | Brown, wet | | |
| 7 | | | | | | | | | | wet | | | |
| 8 | | | | | | | | | End o | of Exploration | | | |
| 8 | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| 16 | <u> </u> | L | | | | | | | | | | | |
| DRILLING | | | | uck-mounted Geor | | | | | | E ELEVATIO | | | |
| TEMPORA | | | | | No | | mo - | | START | | 11/15/2007 | | |
| RISER FRO |)M: | NA _ | TO: | NA SCREE | N FROM: | NA | TO: NA | | END DA | TE: | 11/15/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths i | asuremen measured applicat | l from gr | | n 6" intervals urface | | | | | | | | | |

BORING NUMBER: **BORING LOG** P51-N4 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: INFRASTRUCTURE USACE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: K. Gerdes DEPTH OF GROUNDWATER SAMPLER CASING CORE BARREL DATE 11/15/07' Geoprobe MacroCore TYPE SIZE (ID) 7.5' HAMMER WEIGHT NA Groundwater Depth (feet): HAMMER FALL NA SAMPLE No. DEPTH REC **USC Symbol** DESCRIPTION OF MATERIALS PID (feet) 0-1' Sand, Brown/Dark Brown, trace gravel 0 75% SW 0-0.5' 0.0 N4-A 1-2' incinerator slag/ash 2 N4-B 1.5-2.0 ML 2-4' Silt, Dark Grey/Brown, trace gravel, sand 0.0 100% SM 4-5' Sand and Silt, Light Brown 0.0 SM 5-6' Sand and Silt, Brown 6 SM 6-7' Sand and Silt, Light Grey/Brown 7 ML 7-8' Silt, Grey Orange Brown, mottled N4-C 7-7.5' 8 End of Exploration 9 10 11 12 12 13 14 15 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: TEMPORARY WELL INSTALLED: START DATE: 11/15/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 11/15/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | H | BOR | RING I | LOG | ; | | _ | | BORIN | G NUMBE | R: P51-N5 | |
|---|---|------------|------|---------------------------|-------------|---------|------|-----------------|------|-------------------|-----------------------|--------------------------|--------------|--------------|--|
| SHAW | ENV | VIRC | | ENTAL O | & | PROJEC | CT; | US Army BRAC | 200 | 5 Site Investi | igation | JOB NUM | | 124976 | |
| | | | | TURE | | LOCAT | ION: | Main Post, FTMN | ΙN | 11 | | CLIENT: | USACE | | |
| | | | | | | | | 17.11.11.1 | -, - | •• | | DRILLER | : Frank Acco | rei | |
| | | | | | | CONTR | ACTO | R: TVS | | | | 1 | | 151 | |
| | | - | | | | | | | _ | | | FIELD RE | P: K. Gerdes | | |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CA | ASING | C | ORE BARREL | D/ | ATE 11/15/ | | OF GROUND | WATER | 1 | |
| SI | ZE (ID) | | Goop | 2" | | | | | | | | | | - | |
| | ER WEIG MER FA | | | NA NA | | | | | Gr | oundwater D | epth (feet): | | 7.5' | - | |
| DEPTH | No. | SAM DEP | IPLE | REC | | USC Sym | hol | 1 | nı | FSCRIPTIO | N OF MATER | TATE | | PID | |
| (feet) | 1,0. | DE | *** | | _ | | | | | | | | | ppm | |
| 0 | N5-A | 0-0. | .5' | 80% | | SM | | | | | and Silt, Bro | own | | 0.0 | |
| 1 | | | | | | SP | | | | 1-2 | 2' Sand, Tan | | | | |
| 2 | N5-B | 1.5-2 | 2.0' | | | SM | | 2 | -3' | Silt and Sand | l, Dark Brown, t | race gravel | | 0.0 | |
| 3 | | | | | | SP | | | | 3-4' Sand, L | ight Brown, tra | ce silt | | | |
| 4 . | | | | | | | | | | | | | | | |
| 4 | 4 75% SP 4-5' Sand, Light Brown, trace silt | | | | | | | | | | | | | | |
| 4 75% SP 4-5' Sand, Light Brown, trace silt 5 SP 5-6' Sand, Brown, little silt | | | | | | | | | | | | | | | |
| 6 | 5 SP 5-6' Sand, Brown, little silt | | | | | | | | | | | | | | |
| 7 | 6 GW 6-7' Gravel 7 CL 7-8' Silty Clay, Dark Brown/Grey, trace sand | | | | | | | | | | | | | | |
| 8 | N5-C | 7-7 | .5' | | | | | | | End | wet of Exploration | | | | |
| - 8 | ļ | | | | 1 | | | | | | | | | | |
| 9 | | | | | # | - | | | | | | | | | |
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| 16 | L | l DE. | т. | - ale | | n:- | | | | OVER CO. | TE EL ELLA TIO | | | [| |
| DRILLING | | | | ck-mounted Geo | | Rig | | | | İ | CE ELEVATIO | | | | |
| TEMPORA RISER FRO | | NA NA | TO: |): NA SCRÉE | No N FRO | OM: | NA | TO: NA | | START I END DA | | 11/15/2007 11/15/2007 | | | |
| NOTES: | | | | | | | | | | <u> </u> | | | | · · · · · | |
| Depths | asuremen measured applicab | l from gr | | o 6" intervals urface | | | | | _ | | | | | | |

| | | | | F | OR | ING I | COG | | | | BORIN | G NUMB | ER: P51-N6 |
|-------------------------------|----------------|---------|-------|--------------------------|--------------|-----------------|------|--|------------------|-------------------|---------------------|--------------|---------------|
| | | | | IENTAL & | & | PROJEC LOCAT | | US Army BRAC | | stigation | JOB NUM | | 124976 |
| | | | | | | CONTR | ACTO | OR: TVS | | | DRILLEI FIELD RI | R: Frank Acc | |
| | | | | SAMPLER | CA | SING | С | ORE BARREL | | | OF GROUN | DWATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 11/1. | 5/07' | | | |
| HAMMI | ER WEI | | | NA | | | | | Groundwater: | Depth (feet): | | 7.0' | |
| HAMN | MER FAI | | IPLE | NA | | | | | l <u>.</u> | <u> </u> | L | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DESCRIPTION | ON OF MATE | RIALS | | PID ppm |
| 0 | N6-A | 0-0. | 51 | 100% | | SM | | | 0-1' Sand a | nd Silt, Brown, t | race gravel | | 0.0 |
| 1 | 140-M | . 0-0. | | | \pm | GW | | | | 1-1.5' Gravel | | | 0.0 |
| 2 | N6-B | 1.5-2 | 2.0' | , | | GM | _ | | 1.5-4' Silt and | I Sand and Grave | el, Brown | | 0.0 |
| 3 | | | | | \downarrow | - | | | | | | | |
| 4 | | | | | + | | - | | | | | | |
| 4 | | | | 100% | 1 | ML | | | 4-7' Silt, Brov | vn/Grey Brown, | little sand | | 0.0 |
| 5 | | | | | + | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | N6-C | 6.5- | 7.0' | | + | SM | | 7-8' | Sand and Silt. (| Grey Brown/Ora | nge Brown, we | t | |
| | | | | | 1 | | | | | | , | | |
| 8 | | | | | | | | | Enc | d of Exploration | | | |
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| 15 | | | | | \downarrow | | | | | | | | |
| 16 | | | | | \pm | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geoj | orobe l | Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | | START | DATE: | 11/15/200 | 7 | |
| RISER FRO | M: | NA | TO: | , NA SCREE | N FRC | OM: | NA | TO: NA | END D | ATE: | 11/15/2007 | | |
| OTES: | | - | | | | | | <u>. </u> | <u> </u> | | | | |
| PID mea Depths r NA=not | neasured | from gr | | a 6" intervals orface | | | | | | | | | |

| | | | | В | ORING I | LOG | } | | | BORING | G NUMBE | R: P51-N7 |
|-----------------|----------------------------------|----------|---------|--------------------------|-----------|----------|-----------------|-----------------|---------------------------------------|-------------------|--------------|--------------|
| | | | | | PROJEC | CT: | US Army BRAC | 2005 Site Inves | tigation | JOB NUMI | BER: | 124976 |
| | | | | ENTAL & | & | | , | | | | | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMN | 1, NJ | | CLIENT: | USACE | |
| | | | | | į | | | | | DRILLER: | Frank Acco | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | P: K. Gerdes | |
| | | | | | | | | | | FIELD RE | r: K. Gerdes | |
| | TIPE. | | | SAMPLER | CASING | <u> </u> | ORE BARREL | D. 4777 11/2 | | OF GROUND | WATER | ·· |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/1 | 5/07 | | | |
| HAMMI | ER WEIG | | | NA NA | | | | Groundwater | Depth (feet): | | 7.0' | |
| TIAMIN | ALK I A | | IPLE | | | | | L | · · · · · · · · · · · · · · · · · · · | | ! | |
| DEPTH (feet) | No. | DEP | ТН | REC | USC Syn | nbol | | DESCRIPTION | ON OF MATER | IALS | | PID ppm |
| 0 |) IZ 4 | 0-0 | <i></i> | 100% | SM | | | 0-1.5' Silt an | d Sand, Brown, t | race gravel | | |
| 1 | N7-A | 0-0 | .5" | | GW | | | | 1-2' Gravel | • | | 0.0 |
| 2 | N7-B | 1.5-2 | 2.0' | | ML | | | 2-4' Silt. Brow | vn, little sand, tra | ce gravel | | 0.0 |
| | | | | | | | | , | ·,, · | g | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | 100% | ML | | | 4-5' Silt Brow | vn, little sand, tra | ce gravel | | 0.0 |
| | | | | 10070 | | | | | | _ | | 0.0 |
| 5 | | | | | SP | | | 5-6' Sand, | Light Brown, litt | le silt | | |
| 6 | | | | | SM | | | 6-7' Sand an | d Silt, Light Gree | n Grey | | |
| 7 | N7-C | 6.5- | 7.0' | | SM | | 7-8' San | l, Light Green | Grey/Orange Bro | wn, trace silt, w | retet | |
| 8 | | | | | | | | En | d of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
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| 14 | <u> </u> | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | | | | | No | | | | DATE: | 11/15/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END D | ATE: | 11/15/2007 | | ! |
| NOTES: | | | | | | | . <u>-</u> | | | | | |
| PID mea | asuremen measured applicat | from g | | n 6" intervals urface | | | | | | | | |

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|-----------------|------------------------------------|----------|-------|----------------|------------|----------|----------|--------------|--------------------------|---------------|-------------|---------------|------------------|
| SHAV | V ENV | | | | | PROJEC | | US Army BRAC | 2005 Site Investigation | 1 | JOB NUMI | BER: USACE | P51-N8 124976 |
| | | | | | | ľ | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLE | | CASING | C | ORE BARREL | | рертн о | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Mac 2" | roCore | | | | DATE 11/15/07' | | | | |
| HAMM | ER WEI | | | NA | | | | | Groundwater Depth (| feet): | | 3.5' | |
| HAM | MER FA | | IPLE | NA | | | | | | | | | + - |
| DEPTH (feet) | No. | DEP | | R | EC | USC Sym | bol | | DESCRIPTION OF | MATERIA | LS | | PID ppm |
| 0 | 210.4 | 0.0 | | . 7 | 5% | ML/GI | , | | 0-3' Silt, Brown, | little gravel | ,sand | | |
| 1 | N8-A | 0-0 | .5. | | | | | | | | | | 0.0 |
| 2 | N8-B | 1.5-: | 2.0' | - | | | _ | | | | | | 0.0 |
| | | | | | | | | | | | | | |
| 3 | N8-C | 3-3 | .5' | | - | SW | | | 3-4' Sand, Light G we | | avei | | |
| 4 | | | | | | l | \dashv | | End of Exp | oloration | | | 0.0 |
| | | | | | | <u> </u> | | | | | | | |
| 5 | <u> </u> | | _ | | | | | | | | | | |
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| 15 | | | | | | - | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-moun | ted Geopre | obe Rig | | | SURFACE EL | EVATION: | | | |
| TEMPORA | RY WEI | L INST | ALLEI |); | N | o | | | START DATE | : | 11/15/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | END DATE: | 1: | 1/15/2007 | | |
| NOTES: | | | | | | - | | | | | | _ | |
| Depths | asuremen measured t applicab | from gr | | | rals | | | | | | | | |

| | | . — | | В | ORING | LOG | } | | BORING NUMBI | ER: P51-N9 |
|-------------|--------------------|----------|---------|------------------|----------------|-------|-----------------|---|----------------------|---------------|
| CTTAXX | אואים ז | ДĎĆ | NATA. | ORNITAT (| PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | IENTAL & TURE | κ | | | | CLIENT: USACE | |
| IL. | VI IVA | OIN | ioc | IUKE | LOCAT | TION: | Main Post, FTMN | I, NJ | | |
| | | | | | CONT | | on mia | | DRILLER: Frank Ac | corsi |
| | | | | | CONTI | CACIC | OR: TVS | | FIELD REP: K. Gerdes | : |
| | | | Γ-; | SAMPLER | CASING | 1 | CORE BARREL | DEPTE | I OF GROUNDWATER | |
| | TYPE | | | robe MacroCore | | | | DATE 11/16/07' | | |
| | ZE (ID) ER WEI(| GHT | | 2" NA | | | | Groundwater Depth (feet): | 8.0' | |
| HAMI | MER FA | | | NA | | L | | | | |
| DEPTH | No. | DEP | TH | REC | USC Syr | nbol | | DESCRIPTION OF MATE | RIALS | PID |
| (feet) | <u> </u> | | | 95% | ML/G | P | | 0-3' Silt with sand, Brown, | ittle gravel | ppm |
| | N9-A | 0-0 | .5' | | | | | | Ū | 0.0 |
| 1 | | | | | | | 1 | | | |
| 2 | N9-B | 1.5-2 | 2.0' | | | | | | | 0.0 |
| 3 | | | | | ML | |] | 3-4' Clayey Silt, Brow | n. | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | CL | | | 4-8' Clay, Orange/Grey, | wet | 0.0 |
| 5 | | | | | | | } | | | |
| 6 | - | | | | | | <u> </u> | | | |
| | | | | | | | | | | |
| 7 | | | | | l l | | 1 | | | |
| 8 | N9-C | 7.5- | 8.0' | - | | | | End of Exploration | | |
| | | | | | | | | • | | |
| 9 | | | | | | | ļ | | | |
| 10 | | | | | | | 1 | | | |
| 11 | | | | | | | 1 | | | |
| 12 | | | | | _ | | | | | |
| 12 | | | | | | | | · - · · · · · · · · · · · · · · · · · · | * | |
| 13 | | | | | | | | | | |
| 14 | | | | | | | | | | |
| | | | | | | | | | | |
| 15 | | | | | | | 1 | | | |
| 16 | | _ | | | | • | l | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFACE ELEVATION | N: | |
| TEMPORA | RY WEI | L INST | ALLE | D: | Yes | | | START DATE: | 11/16/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 7' | TO: 12' | END DATE: | 11/16/2007 | |
| NOTES: | | | | | | | | | | _ |
| PID me | asuremen | its were | taken i | n 6" intervals | *** | | | | | |
| Depths: | measured | from gr | | | | | | | | |
| NĄ≕noi | t applicab | oig | | | | | | | | |
| | | | | | | | | | 1 | |

| | | | | В | ORING 1 | LOG | ļ | | | | | BORIN | G NUMI | BER: P51-01 |
|-----------------|----------------------------------|---------|------|--------------------------|-------------|----------|----------------|-------|--------------|------------|------------|-------------|--------------|----------------|
| SHAW | EN | /IRC | NN | IENTAL & | PROJEC | CT: | US Army BRAC | 2005 | Site Inves | tigation | | JOB NUM | BER: | 124976 |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTM | M, NJ | | | | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER | : Frank A | Accorsi |
| | | | | | CONTR | ACIC | ж: 175 | | | | | FIELD RI | EP: K. Gerd | les |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | | DEPTH | OF GROUNI | DWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | • | | DA' | TE 11/16 | 5/07' | I | | - | - |
| HAMM | ER WEI | | | NA | | | | Gro | undwater I | Depth (fe | et): | | 11.5' | |
| HAMI | MER FAI | | IPLE | NA' | | _ | | Т. | | l | | | | _ |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | | | DE | SCRIPTIO | | | | | PID ppm |
| 0 | O1-A | 0-0 | 5' | 95%_ | ML/G | <u>P</u> | | | 0-2' Silt, I | Brown, li | ttle grav | el, sand | | 0.0 |
| 1 | 97.12 | | | * | | | | | | | | | | , |
| 2 | O1-B | 1.5-2 | 2.0' | | SP | _ | | 2-4' | Sand, Ligh | nt Brown | , little g | ravel,clay | | 0.0 |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | _ | _ | | | | | | | | |
| 4 | | | | 100% | SP | | | | 4-8' Sand, | - | own, litt | le silt | | 0.0 |
| 5 | | | | | | | | | | ! | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | * | | | |
| 7 | | | | | | | | | | | | | | , |
| 8 | | | | | | | | | | | | | | |
| 8 | | | | 100% | SP | | | | 8-9' Sand, | Light Br | own, litt | le silt | | 0.0 |
| 9 | | | | | SP | - | | | 9-1 | l' Sand, (| Orange | | | |
| 10 | | | | 1 | | | | | | | | | | |
| 11 | | | | | ML | | | | 11-11.5' \$ | Silt Bros | un/Grev | wet | | |
| | 01-C | 11-1 | 1.5' | | SP | | | | 11.5-1 | 2' Sand, | Tan, we | | | |
| 12 | | | | - | | | | | Enc | of Expl | oration | | - | - |
| 13 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | | SURFA | CE ELE | VATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START | DATE: | | 11/16/200 | 7 | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | . | END D | ATE: | | 11/16/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths i | nsuremen measured applicab | from gr | | n 6" intervals urface | | | | | • | | | | | |

| | | | | | В | ORI | NG I | LOG | , , , | | | | BORI | NG NUM | BER: P51-O2 |
|-------------------------------|--------------------|--------|-------|---------------|-----------|----------------|----------------|----------|------------|--------|------------------|-----------------|-------------------|-------------|----------------|
| SHAW | EN | /IRC | ONN | 1ENI | ΓAL & | _z P | ROJEC | T: | US Army F | BRAC 2 | 005 Site Invest | igation | JOB NUI | MBER: | 124976 |
| | IFRA | | | | | - [| OCAT | ION: | Main Post, | FTMM | , NJ | | CLIENT | : USACE | : |
| | | | | | | | ONTR | A CTO | R: TVS | | | | DRILLE | R: Frank | Accorsi |
| | | | | | | | ONIA | ACTO. | K. 173 | | | | FIELD R | EP: J.C | |
| | | | | SAMPL | | CAS | ING | C | ORE BARRE | | | | OF GROUN | DWATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE 11/19 | 707 | | | - |
| HAMM | ER WEIG MER FAI | | _ | NA NA | | | | | | | Groundwater I | Depth (feet): | | 6.0' | |
| IIAMI | MLKIA | | 1PLE | - 11/1 | | | | Т | | | | 1 | L | | |
| DEPTH (feet) | No. | DEP | тн | | REC | US | SC Sym | bol | ·· – | | | ON OF MATE | | | PID ppm |
| 0 | O2-A | 0-0 | .5' | | 90% | + | SP | _ | | 0-1.5 | Sand, Light Bi | rown/Brown, li | tle silt, trace g | ravel | 0.0 |
| 1 | | | | | | - | 347 | | | | 15 4 61 61 | ** 1 · * | | | |
| 2 | О2-В | 1.5- | 2.0' | | | - | ML | \equiv | | | 1.5-4' Clay Sitt | , Light Brown, | trace sand | | 0.0 |
| 3 | | | | | • | | | | | | | | | | |
| 4 | | | | | | - | | \dashv | | | | | | | - |
| _4 | | | | 1 | 00% | | ML | _ | | | 4-5' Clay Silt, | Light Brown, | race sand | | 0.0 |
| 5 | | | | | | | SP | | | | 5-5.5' Sand, 1 | Brown, trace gr | avel, silt | | |
| 6 | O2-C | 5.5 | 6' | | | - | SM | | | | 5.5-6.5' Sand a | nd Silt, Grey B | rown, wet | | |
| | 02-0 | J.J | -0 | | | | SW | | | | 6.5-8' Sand, | Light Brown/G | rey, wet | | |
| 7 | | | | | | - | | 1 | | | | | | | - |
| 8 | | | | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
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| 14 | | | | | | - | | | | | | | | | |
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| 15 | ļi | | | | | + | | | | | | | | | |
| 16 | | | | | | | | | | | <u> </u> | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe Ri | ig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | 1 | No | | | | | START | DATE: | 11/19/200 |)7 | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FRON | и: | NA | TO: | NA | END DA | ATE: | 11/19/2007 | | |
| NOTES: | | | | | | | | | | | | • | | | |
| PID mea Depths i NA=not | neasured | from g | | | vals | | | | | | | | | | |

| <u>. </u> | | | | | В | ORING | LOC | | | | | BORIN | G NUMB | ER: P51-O3 |
|--|--|---------|----------|----------|---------------|----------|----------|-------------|----------|------------------|------------------|--------------------|----------|---------------|
| SHAW | | | | | | PROJ | ECT: | US Army I | BRAC 2 | 2005 Site Invest | igation | JOB NUM | | 124976 |
| 11. | VFRA | STR | RUC | TUR | Œ | LOCA | ATION: | Main Post, | FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | | CONT | RACTO | OR: TVS | | | | DRILLER | Frank Ac | corsi |
| | | | | | | | | | | | | FIELD RE | P: J.C | |
| | ГҮРЕ | | | SAMPL | ER croCore | CASING | <u> </u> | ORE BARRI | EL | DATE 11/19 | | OF GROUND | WATER | |
| | ZE (ID) | | Geog | 2" | crocore | | | | | DATE 11/19 | 1 | | | |
| HAMM | ER WEI | | | NA NA | | | | | | Groundwater I | Depth (feet): | | 8.5' | |
| TAIVI | VIEK FA | | IPLE | NA | | | | | | | L | ! | 1 | - |
| DEPTH (feet) | No. | DEP | | | REC | USC S | ymbol | | | | ON OF MATER | | | PID ppm |
| 0 | - | | | 1 | 80% | _ | | | | 0-1' / | Asphalt over gra | vel | | 0.0 |
| I | | | | | | | | | | 1-2' | incinerator slag | | | 0.0 |
| 2 | O3-A O3-B | 1-1 | | | | S | P | | | 2-3 | .5' Sand, Grey | | | 0.0 |
| | | | | | | | | | | | | | | |
| 3 | | | | | | Sì | <u></u> | | | 3.5-4' Sand | and Silt, Light | Brown | | |
| 4 | | | | | 0004 | | | | 4. | | ey/Orange Brow | | | |
| 4 | | | | | 90% | M | L | | 4-0 | 5 Sut, Light On | ey/Orange Brow | n, trace sand | | 0.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | S | Ρ | 6-8' S | Sand, Li | ght Grey Brown | n/Orange Brown | n, trace gravel, s | ilt, wet | |
| 7 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 8 | O3-C | 8-8 | .5' | | | - | | | | End | of Exploration | | | + |
| 9 | | | | | | | | | | | | | | |
| 9 | | | | - | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | _ | | | | | | | | | | |
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| 12 | | | | | | | | | | | | | | 1 |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| | | | | •. | | | | | | | | | | |
| 15 | | | <u> </u> | | | | | | | | | | | <u> </u> |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mou | nted Geop | robe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | | No | | | | START | DATE: | 11/19/2007 | | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | I FROM: | NA | TO: | NA | END DA | ATE: | 11/19/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| PID mes Depths t NA=not | neasured | from gr | | | vals | | | | | | | | | |

| | | | | F | BORING 1 | LOG | } | <u>-</u> | | BORING | NUMBE | R: P51-O7 | | |
|-----------------|-----------------|---------------|------|--------------------------|-----------|----------------|--------------|-----------------|--------------------|--------------|-----------|--------------|--|--|
| | | | | IENTAL O | & PROJEC | | US Army BRAC | | igation | JOB NUME | BER: | 124976 | | |
| | | | | | CONTR | A CTC | an. The | | | DRILLER: | Frank Acc | orsi | | |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD RE | P: J.C | | | |
| | | | | SAMPLER | CASING | _ (| ORE BARREL | i | | OF GROUND | WATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | — | | DATE 11/19 | /07 | | | + | | |
| HAMMI | ER WEI | | | NA NA | | | | Groundwater D | Pepth (feet): | | 8.5' | <u> </u> | | |
| нами | MER FA | | IPLE | NA | L | | | | | Į | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | | ON OF MATERI | | | PID ppm | | |
| 0 | | ļ | | 80% | | | | 0-1' A | Asphalt over grave | el | | 0.0 | | |
| 1 | 07. | | | | | | | 1-2' i | incinerator slag | | | | | |
| 2 | 07-A 07-B | 1-1. 1.5-2 | | | SW | | | 2-3.5' S | and, Grey Brown | | | 0.0 | | |
| 3 | | | | and Silt, Brown | Grey | | | | | | | | | |
| | 07-C | 4-4 | .5' | 100% | SP | | 4 | 8' Sand, Grey/C | Orange Brown, litt | le silt, wet | | 145.0 | | |
| 5 | | 6.0 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | 5 | | | | | | | | | | | | | |
| 8 | 07-D | 8-8. | .5' | | | | | End | of Exploration | | | | | |
| 8 | | | | | | | | | | | | - | | |
| 9 | | | • | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | - | | | - | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATION | : | | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No | | | START | DATE: | 11/19/2007 | | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | END DA | ATE: | 1/19/2007 | | | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths 1 | | d from gr | | n 6" intervals urface | | | | | | | | | | |

(

| | | | | В | ORING | LOC | 3 | _ | | BORING NUMB | ER: P51-O8 |
|-----------------|------------------------------------|--------------|-------|--------------------------|-------------|-------|-----------------|-------------------------|--------------------|---|---------------|
| | | | | IENTAL & | PROJE LOCAT | TION: | Main Post, FTMN | 2005 Site Investigation | on | JOB NUMBER: CLIENT: USACE DRILLER: Frank Ac | 124976 |
| | | | | | | | | | | FIELD REP: J.C | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH (| OF GROUNDWATER | - , |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | | <u>-</u> | DATE 11/19/07' | | | - |
| HAMM | IER WEI | | | NA | | | | Groundwater Depth | ı (feet): | 7.5' | |
| HAM | MER FA | | IPLE | NA | | ! | | <u> </u> | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DESCRIPTION O | F MATERI | ALS | PID ppm |
| 0 | | | | 75% | | | | 0-1' Aspha | alt over grav | el | |
| I | | | | | | | | 1-2' incin | erator slag | | 0.0 |
| 2 | O8-A O8-B | 1-1 1.5-2 | | | SM | | 2 | -4' Sand and Silt, Gr | een Brown/I | ight Grey | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | + | | | | | | | | | | |
| 4 | | | | 100% | SP | | 4-6 | .5' Sand, Grey Green | /Orange Bro | wn, little silt | 145.0 |
| 5 | | | | | | | | | | | 6.0 |
| 6 | | | | | 037 | | | (500 LD | | *** | |
| 7 | | | | | SW | | | 6.5-8' Sand, Brov | wn Grey, trac | ce siit | 0.0 |
| 8 | O8-C | 7-7 | .5' | | | | | | vet exploration | | - |
| 8 | ļ | | | | | | | Elia of El | Aprorution | | |
| 9 | | | | | | | | | | | |
| 10 | - | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | <u> </u> | | | | | | | • | | | |
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| 15 | | | | | | | | | | | |
| 16 | | | - | | _ | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | SURFACE E | LEVATION | i: | |
| TEMPORA | RY WEI | L INST | ALLEI |): | No | | | START DAT | E: | 11/19/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END DATE: | | 11/19/2007 | |
| NOTES: | | | | | | | | | | | |
| Depths | asuremer measured t applicat | from gr | | n 6" intervals urface | | | • | | | | |

| | - | | | E | OF | RING I | OG | | | | | BORIN | G NUMBE | R: P51-09 |
|---------------------|----------------------------------|--------------|------------|--------------------------|--------------|----------|------|-----------------|----------|--------------|---------------------------------|-----------------|----------|--------------|
| SHAW | ENV | лрс | NIN (| TENTAL & | 2- | PROJEC | T: | US Army BRAC | 2005 S | Site Investi | gation | JOB NUM | | 124976 |
| | | | | TURE | × | | ·0. | 14 t n . mm | | | | CLIENT: | USACE | |
| | | | _ | | | LOCAT | ion: | Main Post, FTMM | a, NJ | | | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER | | orsi |
| | | | _ | | | | | | | | | FIELD RE | P: J.C | |
| | | | | SAMPLER | C | ASING | С | ORE BARREL | D:= | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | | DATI | E 11/19/ | '07' | | | |
| HAMM | ER WEI | | | NA | | | | - | Grou | ndwater D | epth (feet): | | 7.0' | |
| HAM | MER FA | | | NA | | | | | <u> </u> | | | | J | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | Τ | USC Syn | bol | | DESC | CRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 80% | Ť | CL | | | - | | Silty Clay, Bro | wn | | |
| 1 | O9-A | 0-0 | .5' | | + | GW SM | - | | | | 5-1' Gravel d and Silt, Brov | m | | 0.0 |
| | | | | | 1 | | | | | | | | | |
| 2 | O9-B | 1.5-2 | 2.0' | | + | SM | - | | 2-3' | Sand and | Silt, Dark Grey | /Brown | | 0.0 |
| 3 | | | | | | GW | | | | | ck and Gravel, | | | |
| 4 | | | | | - - | SM | | 3.5-4' Sa | nd and | d Silt, Ver | y Dark Grey, or | ganics, odor, w | ood | |
| 4 | | | | 60% | | SM | | 4-6.5" Sand | and Si | ilt, Very D | ark Grey, organ | nics, odor, woo | d, glass | 0.0 |
| 5 | - | | | | - - | | | | | | | | | |
| | | | | | _ | | | | | | | | | |
| 6 | <u> </u> | | | | _ _ | CL | | 6.5 | 7' 8:16 | bu Class I i | ght Green/Grey | /I ight Drown | | |
| 7 | 09-C | 6.5- | 7.0' | | _ | SP | | 6.5-7' Sa | nd, Lig | ght Green/ | Grey/Light Bro | wn, trace clay, | wet | |
| 8 | <u> </u> | | | | - - | | | | | End | of Exploration | | | |
| 8 | | | | | \perp | | | | | End | or exploration | | | |
| 9 | - | - | | | + | | | | | | | | | |
| | | - | | | | | | | | | | | | |
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| 13 | \vdash | | | | + | | - | | | | | | | |
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| 14 | - | | | | + | - | | | | | | | | <u> </u> |
| 15 | <u> </u> | | | | 1 | | | | | | | | | |
| 16 | | | | | + | | | | | | | | | |
| DRILLING | RIG TY | PE: | Τr | uck-mounted Geo | probe | Rig | | | | SURFAC | CE ELEVATIO | N: | | - |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | | START | DATE: | 11/19/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | | END DA | TE: | 11/19/2007 | | |
| NOTES: | | | _ | | _ | | | | | - | | T | | |
| PID mea Depths a | asuremen measured applicat | l from g | | n 6" intervals urface | | | | | | | | | | |

| | | | | ВС | DRING I | LOG | G BORING N | | | | | UMBER: P51-P3 | | | |
|-----------------|-----------------|-----------|-----------|--------------------------|----------|----------|--|-----------------|-------------------|----------------------------------|---------------------------------------|------------------|--|--|--|
| | | | | IENTAL & TURE | PROJEC | | US Army BRAC | | CLIENT: | JOB NUMBER: 124976 CLIENT: USACE | | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: | DRILLER: Frank Accorsi FIELD REP: J.C | | | | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DATE 11/19 | /07' | | | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater I | Depth (feet): | | 10.0' | | | | |
| HAM | MER FA | | IDI E | NA | | <u> </u> | | | | | | | | | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Syn | ıbol | | DESCRIPTIO | | | PID ppm | | | | |
| 0 | | | | 75% | | | 0-0.5' Asphalt over gravel 0.5-1.5' incinerator ash/slag | | | | | | | | |
| 1 | P3-A | 0.5-1 | .0' | | SP | | | 1.5-2 | 2' Sand, Brown | | | <u> </u> | | | |
| 2 | P3-B | 1.5-2 | 2.0' | | GW | | 2- | 2.5' Sand and G | ravel, Grey Bro | wn, little silt | | 0.0 | | | |
| 3 | | | | | ML | | | 2.3- | 4' Silt, Brown | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | 60% | SM | | 4-4.5' Silt, Brown 0.0 | | | | | | | | |
| 5 | | | | | GP ML | | 4.5-5' Sand and Gravel, Dark Grey/Brown, cinders 5-5.5' Silt, Dark Brown | | | | | | | | |
| | | | | | GW | | 5.5-6.5' Sand and Gravel, Orange Brown | | | | | | | | |
| 6 | - | | | | SP | | | | | | | | | | |
| 7 | ļ | | | - | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | |
| 8 | - | | | 100% | sw | | | 8-11' Sand, Ta | n/Light Grey, lit | tle gravel | | 0.0 | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | Р3-С | 9.5-1 | 0.0 | | <u> </u> | | | | wet | | | | | | |
| 11 | | | | • | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 12 12 | | | | | | | | End | of Exploration | | | + | | | |
| | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | - | - | | | | | | <u> </u> | | | |
| 16 | | | | | <u> </u> | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geopre | obe Rig | | | SURFA | CE ELEVATIO | N: | | } | | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: N | lo | | | START | DATE: | 11/19/2007 | | | | | |
| RISER FRO | | NA | то: | NA SCREEN | FROM: | NA | TO: NA | END DA | ATE: | 11/19/2007 | | | | | |
| NOTES: | | | | | | | | | - | Т | | | | | |
| | measure | l from gr | | n 6" intervals urface | | | | | | | | | | | |

| | | | | F | BORING | LOC | , | | | BORING | G NUMBE | R: P51-P4 | | | |
|-----------------|----------------------------------|-------------|------------|--------------------------|--------------|----------------|--|-------------------|--------------------|------------|------------|--------------|--|--|--|
| SHAW | ENV | /IRC |) NM | ENTAL (| & PRO | ECT: | US Army BRAC | 2005 Site Investi | igation | JOB NUM | | 124976 | | | |
| IN | IFRA | STR | UC | TURE | Loc | ATION: | Main Post, FTMM | i, NJ | | CLIENT: | USACE | | | | |
| | | | | | | | | | | DRILLER: | Frank Acco | rsi | | | |
| | | | | | CON | TRACTO | OR: TVS | | | FIELD RE | P: J.C | | | | |
| - | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUND | WATER | | | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | DATE 11/19/07' | | | | | | | | | |
| HAMMI | | GHT | | NA NA | | - | | Groundwater D | epth (feet): | | 7.0' | | | | |
| HAMN | MER FA | | | NA | | | | Ĺ | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | USCS | iymbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm | | | |
| 0 | | | | 75% | | • • • • | İ | | | | | | | | |
| 1 | P4-A | 0.5- | 1.0' | | | | | 0.5-2.5' i | ncinerator ash/si | ag | | 0.0 | | | |
| 2 | P4-B | 1.5-2 | 2.0' | | | <u></u> | 0.1 2.5-3' Sand and Silt, Light Brown | | | | | | | | |
| 3 | | | | | | IL IL | j | | ey Silt, Light Br | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | 100% | M | ſL. | | 4-5.5' Clay | yey Silt, Light B | rown | | 0.0 | | | |
| | | | | | _ | |] | | | | | | | | |
| 5 | - | | | | s | w | 5.5-6' Sand, Light Brown, trace gravel | | | | | | | | |
| 6 | | | | | | w | ! | | Grey Brown, trac | | | | | | |
| 7 | P4-C | 6.5- | 7.0' | | s | w | | 7-8' San | d, Grey, little gr | ey | | | | | |
| 8 | | | | | - | | | End | of Exploration | | | ļ | | | |
| 8 | | | | | | | | | • | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | 1 | | | | | | 1 | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | 1 | | | | | | | | | | | ļi | | | |
| 12 | | | | | | | 1 | | | | | | | | |
| 13 | - | | | | + | | -[| | | | | - | | | |
| | | | | | | | 1 | | | | | | | | |
| 14 | <u> </u> | 1 | | | | | -[| | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | - | | | | | - | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | · · · · · · · · · · · · · · · · · · · | SURFAC | CE ELEVATIO | N: | | - | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No | | | START | DATE: | 11/19/2007 | | | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N. | A TO: NA | END DA | ATE: | 11/19/2007 | | | | | |
| NOTES: | _ | | | | | | | L | | 1 | | | | | |
| Depths | asuremen measured applicat | l from g | | n 6" intervals urface | | | | | | | | | | | |

| | | | | | В | ORIN | G LO | | | BORIN | BORING NUMBER: P51-P5 | | | | |
|-----------------|--|--------------------------------|----------|---------|--------------|---------|--------|-------------|------------------|-------------------------------------|-----------------------|--------------------|------------|--|--|
| SHAW | | VIRC | | | | z | JECT: | | 2005 Site Invest | igation | CLIENT: | JOB NUMBER: 124976 | | | |
| | | | | | | CON | TRACT | OR: TVS | | | DRILLER | Frank Acc | corsi | | |
| | | | | | | Con | IRACI | OR: IVS | | | FIELD RE | P: J.C | | | |
| | | | | SAMPL | | CASING | ; (| CORE BARREL | D 4 PPD 41/10 | | OF GROUND | _ | | | |
| | TYPE ZE (ID) | | Geop | robe Ma | acroCore | | - | | DATE 11/19 | /07' | | | | | |
| HAMM | ER WEI | | | NA | | , | | | Groundwater D | epth (feet): | | 7.5' | | | |
| HAM | MER FA | | IPLE | NA | | | | T | | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | | | REC | USC | Symbol | | DESCRIPTIO | | | | PID ppm | | |
| 0 | | | \dashv | | 90% | - | | 1 | | Asphalt over gr ncinerator ash/s | | | 0.0 | | |
| 1 _ | P5-A | 0.5-1 | .0' | | | | |] | 0.5-2.5 1 | nomenator asil/s | | | 0.0 | | |
| 2 | P5-B | 1.5-2 | 2.0' | | - | + | | - | | | | | 0.0 | | |
| | | | | | | | SP | | 2.5-3' Sand, Da | | | | | | |
| 3 | | | | | | | SM | | 3-4' Sand v | vith silt, Dark B | rown | | | | |
| 4 | | | | | 2024 | ļ | | | 1550 | 10 10 | | | | | |
| 4 | \vdash | | | | 90% | + | iW | • | 4-7.5' Sand an | d Gravel, Orang | ge Brown | | 0.0 | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | 1 | | | | | | | |
| 7 | | | | | | | | | | | | | | | |
| | P5-C | 7-7. | .5' | | | , | SP |] | | d, Light Brown, | , wet | | | | |
| 8 | - | | | | | | | | End | of Exploration | | | + | | |
| | | | | | | | | | | | | | | | |
| 9 | | | | | | | | - | | | | | ļ | | |
| 10 | | | | | | | | 1 | | | | | | | |
| 11 | | | | | | + | - | 1 | | | | | | | |
| 12 | | | | | | | |] | | | | | | | |
| 12 | | | | | | | | | | | | | <u> </u> | | |
| 13 | | | - | | | | | 1 | | | | | <u> </u> | | |
| | | L | | | | | | | | | | | | | |
| 14 | 1 | | | | | | | 1 | | | | | | | |
| 15 | | | | | | 1 | | | | | | | | | |
| 16 | | | | | | | | <u> </u> | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mou | inted Geopi | obe Rig | | | SURFAC | E ELEVATIO | N: | | | | |
| TEMPORA | | | | | - | 4o | | | START | | 11/19/2007 | | | | |
| RISER FRO | | NA | TO: | | SCREEN | | N/ | A TO: NA | | | 11/19/2007 | | | | |
| NOTES: | | | | | . | | | | | | 1 | | | | |
| PID mea | measured | ats were t I from gr ble | | | rvals | | | | | | | | | | |

| | | - | | | В | ORI | NG I | LOG | | | | | | BORING | G NUMBE | CR: P51-P6 | |
|-------------------------------|---------------------------------|--------------|------|-------------------|-----------|----------|--------|----------|------------|--------|-----------|-----------------|---------------|-------------|---------|---------------|--|
| SHAW | EN | /TRC |)NIV | ENT | TAT. & | , P | ROJEC | CT: | US Army I | BRAC 2 | 2005 | Site Investigat | ion | JOB NUM | BER: | 124976 | |
| | | | | TUR | | - 1 | 00.0 | ·OV | Main Book | FT 4) | ,, | | | CLIENT: | USACE | | |
| | | | | | | ľ | OCAT | ION: | Main Post, | FIMM | l, NJ | | | | | | |
| | | | | | | d | ONTR | ACTO: | R: TVS | | | | | DRILLER | | orsi | |
| | | | | _ | | | | | | | | | | FIELD RE | P: J.C | | |
| 7 | YPE | | | SAMPLI robe Ma | | CAS | ING | C | ORE BARRI | EL | DAT | TE 11/19/07' | | OF GROUND | WATER | | |
| SIZ | Œ (ID) | | Сеор | 2" | crocore | | | | | | DA. | 1E 11/19/07 | | | | | |
| | HAMMER WEIGHT NA HAMMER FALL NA | | | | | | | | | | Gro | undwater Dept | h (feet): | | 3.5' | | |
| | | SAN | 1PLE | | | | | | | | | | | ` | L | 1 - | |
| (feet) | No. | DEP | ТН | | REC | U | SC Sym | bol | | | DES | SCRIPTION (| | | | PID ppm | |
| 0 | | | I | 00% | + | | - | | _ | | 0-1' Aspl | nalt over gra | vel | | 0.0 | | |
| 1 | | | | | | | | | | | | 1-2' incine | rator ash/sla | g | | 0.0 | |
| 2 | P6-A P6-B | 1-1 1.5-2 | | | | _ | SW | | | 2-4 | l' Sar | nd, Light Grey | Brown, trace | gravel, wet | | 0.0 | |
| 3 | | | | | | ┼ | | | - | | | | | | | | |
| 4 | P6-C | 3-3 | .5' | | | | | | | | | End of I | Exploration | | | | |
| 4 | | | _ | | • | 丁 | | | | | | Elia or i | 3xpicration | | | | |
| 5 | | | | | | + | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
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| 10 | | <u> </u> | | | | - | - | | | | | | | | | | |
| 11 | | | | | | 1 | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| 12 | | | | | | +- | | \dashv | | | | | | | | | |
| 13 | | | | | | \perp | | 二 | | | | | | | | | |
| 14 | | | | | | 士 | | | | | | | | | | | |
| 15 | _ | | | | | + | | \dashv | | | | | | | | | |
| 16 | | | | | | 1 | | | | | | | | | | | |
| DRILLING | RIG TV | bë. | Tn | rck-men | nted Geop | rohe P | io | | | | | SURFACE | FI EVATIO | V- | | | |
| TEMPORA | | | | | | No No | | | | | | START DA | | 11/19/2007 | | | |
| RISER FRO | | NA NA | TO: | | SCREEN | | M: | NA | TO: | NA | | END DATE | | 11/19/2007 | | | |
| NOTES: | | | | | | | - | | | | | | - | | | - | |
| PID mea Depths i NA=not | neasured | l from gr | | | vals | | | | | | | | | | | ; | |

| | | | | | В | ORI | NG L | OG | } | | | | | BORING NUMBER: P51-P7 | | | |
|------------------|--|----------|-------|------------------|-----------|---------|----------------|---------------------------|-----------------------------|-----|--------------|----------------|------------------|---|------|---------------|--|
| SHAW | ENV NFRA | | | | | t L | ROJEC OCATI | , | | | | | CLIEN | JOB NUMBER: 124976 CLIENT: USACE DRILLER: Frank Accorsi | | | |
| | | | | | | | | | | _ | | | FIELD | REP: | J.C | | |
| | TYPE | | | AMPLI robe Ma | | CAS | ING | <u>C</u> | ORE BARREL | IDA | TE 11/19/ | | OF GRO | UNDW | ATER | - | |
| | ZE (ID) | | Ссор | 2" | ciocore | | | | | | | | | | | | |
| | ER WEIG | | | NA NA | | | | Groundwater Depth (feet): | | | | | | | 4.5' | + | |
| HAM | WEK PA | | IPLE | INA | | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | F | EC | US | SC Syml | bol | | DE | SCRIPTIO | N OF MATE | RIALS | | | PID ppm | |
| 0 | | | | 1 | 00% | | | | | | 0-1' A | sphalt over gr | avel | | | | |
| 1 | | - | | | | | _ | | | | 1-2 5' in | cinerator ash/ | ilag | | | 0.0 | |
| | P7-A | 1-1 | | | | | | | 1-2.5' incinerator ash/slag | | | | | | | | |
| 2 | Р7-В | 1.5-2 | 2.0' | | | | SP | _ | | 2 | 5-3' Sand Li | ightBrown, lit | tle oravel | | | 0.0 | |
| 3 | | | | | | | SP | | | | | Brown/Grey, t | | t | | | |
| 4 | P7-C | 4-4 | .5' | | _ | + | | _ | | | End | of Exploration | ı | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | - | - | | | | + | | - | | | | | | | | | |
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| 9 | \vdash | | | | - | + | | | | | | | | | | | |
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| 14 | - | | | | | + | | | | | | | | | | | |
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| 15 | \vdash | | | | _ | + | | | | | | | | | | | |
| 16 | | | | | | | | | | - | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mou | nted Geop | robe Ri | ig | | | | SURFAC | CE ELEVATIO | ON: | | | | |
| TEMPORA | RY WEI | LL INST | ALLEI | D: | | No | | | | | START I | DATE: | 11/19/ | 2007 | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | I FROM | /1 : | NA | TO: NA | | END DA | TE: | 11/19/200 | 07 | | | |
| NOTES: | | | | | | | | | | ! | | | - - | | | | |
| PID me Depths | easuremer measured t applicat | i from g | | | vals | | | | | | | | | | | | |

| | | - | | F | BORING | LOG | · | | BORING | BORING NUMBER: P51-P9 | | | | | |
|-----------------|---|----------|--------------|--------------------------|----------------|----------------|---|-------------------|-------------------|-----------------------|--------------|--------------|--|--|--|
| CHAW | ו וייים | /IDC | NTA/ | TENTE AT | PROJE | CT: | US Army BRAC | 2005 Site Investi | igation | JOB NUMBER: 124976 | | | | | |
| | | | | IENTAL (TURE | × | | | | | CLIENT: | USACE | | | | |
| 11. | TIL | MIC | · | IUKE | LOCAT | ION: | Main Post, FTMN | I, NJ | | 1 | | - | | | |
| | | | | | CONTEN | · · · · · · | ND. 77170 | | | DRILLER: | Frank Acco | orsi | | | |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD RE | P: K. Gerdes | | | | |
| | | | , | SAMPLER | CASING | | ORE BARREL | <u> </u> | DEPTH | OF CROTIND | | | | | |
| | ГҮРЕ | | | robe MacroCore | CASING | DATE 11/16/07' | | | | | | | | | |
| HAMM | ZE (ID) ER WEIG | ЭНТ | | 2" NA | | 1 | | Groundwater D | epth (feet): | | 5.5' | | | | |
| HAM | MER FAI | | (D) D | NA | | <u> </u> | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm_ | | | |
| 0 | | | | 95% | ML/G | P | 0-2' Silt, Brown, little gravel, sand, clay | | | | | | | | |
| 1 | P9-A | 0-0. | .5' | | | | | | | | | | | | |
| 2 | P9-B | 1.5-2 | 2.0' | | SM | | | 2-3' S | ilt, Dark Brown | | | 0.0 | | | |
| 3 | | | | | ML | | | 3-4' Claye | y Silt, Orange/C | irey | | | | | |
| 4 | | | | | | | | · | | - | | | | | |
| 4 | | | | 100% | ML | | | 4-6' Claye | 0.0 | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | P9-C | 5-5 | .5' | | ML | | | 6-8' Silt Oran | ge/Grey, little c | lav wet | | | | | |
| | ļ | | | | IVIL | | | | | | | | | | |
| 7 | ļ | | | | | | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | | | | |
| | | | | | | | | | | | | | | | |
| 9 | \vdash | | | | | | | | | | | | | | |
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| 15 | 1 | | | | | | ļ | | | | | \vdash | | | |
| 16 | | | | | - | | | | | | | | | | |
| DRILLING | PIG TV | DE+ | т~ | uck-mounted Geo | nrohe Dia | | 1 | SUBEAC | CE ELEVATIO | N. | | ,L | | | |
| TEMPORA | | | | | | | | START | | n: 11/16/2007 | | | | | |
| RISER FRO | | NA NA | ALLEI TO: | NA SCREE | Yes N FROM: | 5' | TO: 10' | END DA | | 11/16/2007 | | | | | |
| NOTES: | | | | | | | | | | | | | | | |
| PID mea | asuremen measured applicab | from g | | n 6" intervals urface | | | | | | | | | | | |

| | | | | В | ORING | LOG | 1 | BORING NUMBE | ER: P51-Q3 | | | | | | | |
|-----------------|----------------------------------|---------|------|--------------------------|-----------------|------|---------------------------------------|---------------|---|------------------|-------------|--|--|--|--|--|
| | | | | IENTAL & | PROJEC LOCAT | ION: | US Army BRAC Main Post, FTM OR: TVS | | JOB NUMBER: CLIENT: USACE DRILLER: Frank Account FIELD REP: M.Magnes: | 124976 orsi | | | | | | |
| | | | , | SAMPLER | CASING | С | ORE BARREL | | DEPTH | OF GROUNDWATER | | | | | | |
| | TYPE | | Geop | robe MacroCore | | | <u>. =</u> | DATE 11/1 | 7/07' | | | | | | | |
| | ZE (ID) ER WEIG | GHT | | 2" NA | | | | Groundwater I | Depth (feet): | 11.5' | | | | | | |
| HAM | MER FA | | | NA | | Ц, | | <u> </u> | <u> </u> | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | abol | DESCRIPTION OF MATERIALS | | | | | | | | | |
| 0 | | | | 100% | ML | | 0-1' Silt with sand, Dark Brown | | | | | | | | | |
| 1 | Q3-A | 0-0. | .5' | | ML | | | 1-2' | Silt, Med.Brown | | 0.0 | | | | | |
| 2 | Q3-B | 1.5-2 | 2.0' | | SM | | | | and with silt, Bro | | 0.0 | | | | | |
| 3 | | | | | ML | | | 2.5-4' (| Clayey Silt, Brov | Vn | | | | | | |
| 4 | | | | | | |] | | | | | | | | | |
| 4 | | | | 90% | SM | | | 4-6' Sand | with silt, Brown, | moist | 0.0 | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | SP | | | | | | | | | | | |
| 7 | - | | | | SP | | | | | | | | | | | |
| 8 | | | | 100% | SP | | | 8-0' San | d, Light Brown/0 | Grev | 0.0 | | | | | |
| | | | | 10076 | | | | | - | • | 0.0 | | | | | |
| 9 | | | | | sw | | | 9-12' Sar | ıd, Grey/Med.Br | own | | | | | | |
| 10 | - | | | | | | | | | | | | | | | |
| 11 | Q3-C | 11-1 | 1.5' | | - | | | | wet | | | | | | | |
| 12 | Q3-C | 11-1 | 1.5 | | | | • | Enc | of Exploration | · - . | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | <u> </u> | | | | | | | | | | | |
| 16 | | | | | | | | | | | .] | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | SURFA | CE ELEVATIO | N: | | | | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | START | DATE: | 11/17/2007 | ļ | | | | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END D | ATE: | 11/17/2007 | 1 | | | | | |
| NOTES: | | | | | | | | | | | | | | | | |
| Depths r | asuremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | | | | |

| | | | | ВС | ORING I | LOG | · | BORING NUMBER: P51-Q4 | | | | | | |
|-----------------|------------------|--------------|------------|--------------------------|---------|------|------------------------------------|--------------------------|--------------------------------|-----------------------------------|-------------|--|--|--|
| | | | | IENTAL & TURE | PROJEC | | US Army BRAC | | 5 Site Investigation | JOB NUMBER: 124976 CLIENT: USACE | | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank A | | | | |
| | | | | | | | | | | FIELD REP: M.Magr | iess | | | |
| | m. m. | | | SAMPLER | CASING | C | ORE BARREL | Ļ | | OF GROUNDWATER | | | | |
| | TYPE IZE (ID) | | Geop | robe MacroCore | _ | | | - 10/ | ATE 11/17/07' | | | | | |
| | IER WEI | 3HT | | NA | _ | | | Gr | roundwater Depth (feet): | 13.5' | | | | |
| HAM | MER FAI | | | NA | | Щ, | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sym | bol | | D | ESCRIPTION OF MATER | RIALS | PID ppm | | | |
| 0 | | | | 100% | ML | | | | 0-0.5' Silt with sand, Dark | Brown | | | | |
| | Q4-A | 0-0. | .5' | | SM | | | | 0.5-1.0' Sand with silt, Med | with silt, Med.Brown 0. | | | | |
| 1 | | | | | SP | | | 1-3. | 5' Sand with gravel, Med. Bi | , Med. Brown, moist | | | | |
| 2 | Q4-B | 1.5-2 | 2.0' | | | | | | | | | | | |
| 3 | | | | | SM | | 3.5-4' Sand with silt, Light Brown | | | | | | | |
| 4 | + | | | 100% | SP | | • | | 4-5.5' Sand, Dark Brov | vn | 0.0 | | | |
| | | | | | | | | | • | | | | | |
| 5 | + | - | | | sw | | 5.5-8' Sand with silt | | | | | | | |
| 6 | | | | | 377 | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7 | + | <u> </u> | | | + | | | | | | | | | |
| 8 | + | | \dashv | | 1 | | | | | | - | | | |
| 8 | | | | 90% | SW | | | 8 | 3-10' Sand with silt, Light Br | own/Red | 0.0 | | | |
| 9 | + | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 10 | | | | | SP | | | | 10-10.5' Sand, Red Bro | | | | | |
| 11 | - | <u> </u> | | | SW | | | | 10.5-12' Sand, Light Brow | n/ked | | | | |
| | | | | | | | | | | | | | | |
| 12 12 | | | | 100% | SP | | | | 12-13' Sand, Light Brown | /Grey | 0.0 | | | |
| 13 | | | | | SP | | 1 | 12 | -16' Sand with gravel/Light I | Brown wat | <u> </u> | | | |
| 13 | Q4-C | 13-1 | 3.5' | - | Sr. | | | 13- | -10 band with grave/Light I | orown, wet | ļ | | | |
| 14 | 1 | | | | | | | | | | | | | |
| 15 | - | | | | | | | | | | <u> </u> | | | |
| | | | | | | | | | | | L | | | |
| 16 | | | | | | | | | End of Exploration | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geopr | obe Rig | | | | SURFACE ELEVATIO | N: | | | | |
| TEMPORA | ARY WEL | LL INST | ALLEI | D: N | lo | | | | START DATE: | 11/17/2007 | | | | |
| RISER FR | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | Α. | END DATE: | 11/17/2007 | | | | |
| OTES: | | | | | | | . | | <u> </u> | | | | | |
| Depths | measured | l from gr | | n 6" intervals urface | | | | | | | | | | |
| NA=no | ot applicab | oi6 | | | | | | | | | | | | |
| | | | | | | | | | | <u> </u> | | | | |

| | | | | | BO | RING I | LOG | G BORING NUMBER: | | | | | | | | |
|-----------------|---|--------|----------|---------------------------|-----------|----------|----------|-------------------------------------|-----|---------------------------|------------------------------|------------|--|--|--|--|
| | | | | IENTAL TURE | & | PROJEC | | US Army BR | | 5 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 | | | | |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER: Frank Accorsi | | | | | |
| | _ | | | | | <u> </u> | | | | | FIELD REP: M.Magr | iess | | | | |
| | TYPE | | | SAMPLER robe MacroCore | | ASING | С | ORE BARREL | | DEPTH O | F GROUNDWATER | | | | | |
| SI | ZE (ID) | | Осор | 2" | | | | | | | | | | | | |
| | ER WEIO MER FAI | | | NA NA | ╁ | | | | G: | oundwater Depth (feet): | 4.5' | _ | | | | |
| | | SAN | IPLE | | | | | | - 1 | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | ibol | | D | ESCRIPTION OF MATERIA | | PID ppm | | | | |
| 0 | Q5-A | 0-0 | <u>.</u> | 75% | | SM | | | | 0-1' Silty Sand, Dark Bro | wn | 0.0 | | | | |
| 1 | Q5-A | 0-0 | .3 | | | SP | | 1-4' Sand, Dark-Med,/Brown | | | | | | | | |
| 2 | Q5-B | 1.5-2 | 2.0' | | \dashv | | - | | | | | 0.0 | | | | |
| 3 | | | | | 二 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 4 | Q5-C | 4-4 | .5' | 75% | \dashv | SM | \dashv | 4-6' Sand and Silt, Med. Brown, wet | | | | | | | | |
| 5 | | | | | _ | | | | | | | | | | | |
| | | _ | | | | | | | | | | | | | | |
| 6 | | | | | | SW | \dashv | | | 6-8' Sand, Brown | | <u> </u> | | | | |
| 7 | | | | | _ | | | | | • | | | | | | |
| 8 | | | | | | | | | | End of Exploration | | | | | | |
| 8 | 1 | | | | \dashv | | | | | | | | | | | |
| 9 | | | | | _ | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | - | | | | \dashv | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | \exists | | | | | | | | | | | |
| | | | | | \dashv | | | | | | | | | | | |
| 15 | | | | • | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | - |] | | | End of Exploration | | | | | | |
| DRILLING | | | | uck-mounted Ge | oprob | e Rig | | | | SURFACE ELEVATION: | | | | | | |
| TEMPORA | RY WEL | L INST | ALLE | D; | No | | | | | START DATE: | 11/17/2007 | | | | | |
| RISER FRO | OM: | NA | TO: | NA SCRE | EN FI | ROM: | NA | TO: | NA | END DATE: | 1/17/2007 | | | | | |
| OTES: | | | | | | | | | | | | | | | | |
| Depths | PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable | | | | | | | | | | | | | | | |

| | | | | | ORING | LOG | } | | | BORIN | G NUMBI | ER: P51-Q6 |
|-----------------|------------------------------------|------------|---------|---------------------------|--------------------|-----------|-----------------|----------------|--------------------|-----------------|------------|---------------|
| SHAW | ENV | VIRC |) NM | ENTAL & | & PROJE | CT: | US Army BRAC 2 | 005 Site Inve | stigation | JOB NUM | BER: | 124976 |
| | | | | TURE | LOCAT | ION: | Main Post, FTMM | , NJ | | CLIENT: | USACE | |
| | | | | | | | , | , | | DRILLER | Frank Acc | corsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | P: M.Magne | |
| | | | | | | | | | | FIELD RE | . w.wagne | 33 |
| 7 | YPE | | | SAMPLER robe MacroCore | CASING | (| ORE BARREL | DATE 11/1 | | OF GROUND | WATER | |
| SIZ | ZE (ID) | | Осор | 2" | | | | | | | | |
| HAMMI | ER WEIG | | | NA NA | | ├ | | Groundwater | Depth (feet): | | 5.0' | |
| TAM | AEK FA | | IPLE | NA_ | | 1 | | | | | 1 | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | | ION OF MATE | | | PID ppm |
| 0 | Q6-A | 0-0 | 5' | 80% | ML/G | P | 0-1 | Silt with grav | el, Dark Brown, | asphalt fragmen | ts | 0.0 |
| 1 | | | | | SM/G | P | | 1-3' Sand wi | th silt,gravel, Me | d. Brown | | |
| 2 | Q6-B | 1.5-2 | 2.0' | | | | 0.0 | | | | | |
| 3 | | | | | SM | | | 3-4' San | d with silt, Med B | rown | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 75% | Sand, Med. Brow | 'n | | 0,0 | | | | |
| 5 | Q6-C | 4.5-: | 5.0' | | th gravel, Light B | rown, wet | | | | | | |
| | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | _ |
| 7 | | | | | - | | | | | | | |
| 8 | | | | | | | | Er | nd of Exploration | | | |
| 8 | | | | | | | | | | | | |
| 9 | ļ | | | · | | | ļ | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | <u>.</u> | | | | | | 1 | | | | | |
| 12 | | - | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | |] | | | | | |
| 14 | | - | | | | | - | | • | | | <u> </u> |
| | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | <u>.</u> | | | | | L | 1 | nd of Exploration | | | |
| DRILLING | | | | uck-mounted Geo | probe Rig | | | | ACE ELEVATIO | | | |
| TEMPORA | RY WE | LL INST | ALLE | | No | | | | T DATE: | 11/17/2003 | * | |
| RISER FRO | OM: | NA _ | TO: | NA SCREE | N FROM: | N/ | A TO: NA | END I | DATE: | 11/17/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths | asuremei measurei t applical | d from g | | n 6" intervals surface | | | | | | | | |

| | | | | В | ORING | LOG | , | | | BORING NUMB | ER: P51-Q7 |
|-----------------|----------------------------------|---------|------|--------------------------|----------|-------------|----------------|----------|-----------------------------|--------------------|---------------|
| SHAW | EN | VIRC | NM | IENTAL & | PROJE | CT: | US Army BRAC | C 2005 S | ite Investigation | JOB NUMBER: | 124976 |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTM | IM, NJ | | CLIENT: USACE | |
| | | | | | CONTR | · · · · · · | n. 7370 | | | DRILLER: Frank Ac | corsi |
| | | | | | CONTR | ACIO | R: TVS | | | FIELD REP: M.Magne | ess |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE | E 11/17/07' | - | |
| HAMM | ER WÉI | | | NA NA | _ | ļ | | Grour | dwater Depth (feet): | 8.0' | |
| HAMI | MER FA | | PLE | NA | | | | ! | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | | CRIPTION OF MATER | | PID ppm |
| 0 | Q7-A | 0-0. | 5' | 75% | SM | | | | 0-1' Sand with silt, Dark I | Brown | 0.0 |
| 1 | | | | | SM | | | 1-4' | Sand with silt, Med Brow | n/Red | |
| 2 | Q7-B | 1.5-2 | 2.0' | | - | | | | | | 0.0 |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 4 | - | | | 100% | SW | | | 4-6' | Sand, Med. Brown/Light | Brown | 0.0 |
| . 5 | | | | | | | | | | | |
| 6 | | | | | SM | | | 6-8' | Sand with silt, Light Brov | n, wet | |
| 7 | ļ | | | | | | | | | | |
| 8 | Q7-C | 7.5-8 | 3.0' | | | | | | End of Exploration | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | - | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 12 | | | | | - | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | · · | | 二 | | | | | |
| 15 | | | | | | | | | | | |
| 16 | +- | | | | | | | | End of Exploration | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geor | robe Rig | | - | | SURFACE ELEVATION | : : | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START DATE: | 11/17/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREET | N FROM: | NA | TO: NA | A | END DATE: | 11/17/2007 | Ì |
| NOTES: | - | | | | | - | | | | T | |
| Depths r | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | |

| | | | | F | ORING I | LOG | } | | | BORING NUMBE | |
|-------------|------------------------|--------|--------|----------------------|--|------|-----------------|-------------|--------------------------|----------------------|------------------|
| | | | | | PROJEC | r. | US Army BRAC | 2005 Site | Investigation | JOB NUMBER: | P51-Q8 124976 |
| SHAW | EN | /IRC | NN. | TENTAL & | & FROJE | .1: | US Allily BRAC | 2005 5116 | mvestigation | JOB NUMBER: | 124970 |
| IN | IFRA | STR | UC | TURE | LOCAT | TON. | Main Bass ETMS | / NII | | CLIENT: USACE | |
| | | | | | LOCAT | ION: | Main Post, FTMN | 1, 143 | | | |
| | | | | | CONTR | ACTO | an. Tue | | | DRILLER: Frank Acc | orsi |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD REP: M.Magne | ss |
| | | | | | | | | _ | | <u> </u> | |
| - | EL/DE | | | SAMPLER | CASING | C | ORE BARREL | DATE | 11/17/07' | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE | 11/1//0/ | | + |
| HAMM | | | | NA | | | | Groundw | vater Depth (feet): | 5.5' | |
| HAM | MER FAI | | IPLE | NA · | | | | <u> </u> | | | |
| DEPTH | No. | DEP | | REC | USC Syn | bol | | DESCR | IPTION OF MATERI | ALS | PID |
| (feet) | <u> </u> | | | 75% | SP | | | | 0-0.5' Sand, Dark Brov | vn | ppm |
| | Q8-A | 0-0 | .5' | | SP | | | 0.5-1.5 | Sand with gravel, Med. | | 0.0 |
| 1 | | | | - | SM | | 1 5.3 5' 9: | nd with ei | ilt and clay, Med. Brow | n, clay lenses, Grev | |
| 2 | Q8-B | 1.5-2 | 2.0' | | - DIVI | | 1,5-5,5 | 31 | | .,,, 0101 | 0.0 |
| 3 | | | | | | | | | | | |
| | | | | | ML | | | 3. | 5-4' Silt with sand, Gre | у | |
| 4 4 | | | | 100% | ML/SI |) | 4. | 7' Silt and | l Clay with sand, Med E | Brown/Grev | 0.0 |
| | | | | 10070 | - WILTON | | · | 7 On uno | City Will Salid, 1900 1 | nomia Groy | |
| 5 | 00.0 | | £! | | _ | | | | | | |
| 6 | Q8-C | 5-5 | .5. | | | | | | | | |
| | | | | | - CD | | | 7.0 | Ol Cand Mad Bassan as | | |
| | - | | | | SP | | | 7-7 | 8' Sand, Med. Brown, w | ret | |
| 8 | | | | | | | | | End of Exploration | | |
| 8 | - | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | i |
| | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 12 | + | | | | - | | ł | | | | |
| 13 | | | | | | | 1 | | | | |
| 14 | | | | | | | 1 | | | | |
| - | | | | | | | 1 | | | | |
| 15 | | | | - | | | | | | | |
| 16 | | | | | <u> </u> | | İ | | End of Exploration | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | st | URFACE ELEVATION | I: | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | S | TART DATE: | 11/17/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | N/ | A TO: NA | ļ | | 11/17/2007 | |
| NOTES: | | | | | | | | | | | |
| | | | | | | | | | | | |
| | asuremer measured | | | n 6" intervals | | | | | | | |
| | measured t applicat | | Junu S | ,,,, 1000 | | | | | | | |
| | | | | | | | | | | | |

| | | | | В | ORING | LOG | | | | | BORING | G NUMBI | ER: P51-Q9 |
|-----------------|----------------------------------|---------|------------|--------------------------|-----------------|----------|--------------|-----|--------------|------------------|---------------------|-----------|---------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | | | igation | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | CONTR | ACTO | or: TVS | | | | DRILLER FIELD RE | Frank Acc | |
| | | | , | SAMPLER | CASING | С | ORE BARREL | Т | | DEPTI | OF GROUND | WATER | |
| | ГҮРЕ | | Geop | robe MacroCore | | | | DA | TE 11/17 | /07' | T | | |
| | ZE (ID) ER WEIC | GHT | | 2" NA | | | | Gr | oundwater D | epth (feet): | | 5.5' | |
| HAM | MER FAI | | | NA | | | | Ц | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DI | SCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | | - | | 75% | SP | | | | 0-1' Sand | with gravel, D | ark grey | | |
| 1 | Q9-A | 0-0. | .5' | _ | SW | | | | 1-2 | ?' Sand, Grey | | | 0.0 |
| 2 | Q9-B | 1.5-2 | 2.0' | | SP | | | 2 | -4' Sand, Gr | ey/Green, brow | n lenses | | 0.0 |
| 3 | | | _ | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | - | | | 100% | ML | \dashv | | | 4-5' Sand w | ith silt and cla | y, grey | | 0.0 |
| 5 | Q9-C | 5-5. | 5' | | SW | | | | 5-6' Sand, G | rey/Brown, cla | y lenses | | |
| 6 | Q9-C | | .J | | SP | | | 6-8 | ' Sand, Med | Brown, Grey l | enses, wet | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | <u> </u> | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | | | | |
| 9 | ļ | | | | - | | | | | | | | |
| 10 | | | | _ | - | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | \vdash | | | | - | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | End | of Exploration | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START | DATE: | 11/17/2007 | • | ļ |
| RISER FRO | OM: | NA | TO: | NA SCREEN | I FROM: | NA | TO: N | A. | END DA | ATE: | 11/17/2007 | | |
| NOTES: | | _ | | | | | | | | - | | | |
| Depths : | asuremen measured applicab | from gr | | 1 6" intervals urface | | | | | | | | | |

| | | | | I | 3O) | RING I | OG | } | | | | BO | ORING | NUMBE | R: P51-R3 |
|-----------------|--------------------------------------|----------|------|---------------------------|-----------|---------|-------------|-----------------|----------|---------------|-------------------|----------|----------|-------------|--------------|
| SHAW | EN | /IRC | NN | TENTAL (| <u></u> | PROJEC | T: | US Army BRAC | 2005 | Site Investi | igation | JO | B NUMB | ER: | 124976 |
| l II | NFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTMN | 4, NJ | ı | | CL | JENT: | USACE | |
| | | | | | | | | | | | | DR | ILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACT(| OR: TVS | | | | FII | ELD REP | : K. Gerdes | |
| | | | , | SAMPLER | C | ASING | (| ORE BARREL | <u> </u> | | DEPTH | OF G | ROUND | VATER | |
| | TYPE IZE (ID) | | Geor | robe MacroCore 2" | | | | | DA' | TE 11/16 | /07' | , — — · | | | |
| HAMM | IER WEI | | | NA | | | | | Gro | undwater D | epth (feet): | | | 14.5' | |
| HAM | MER FAI | _ | PLE | NA | l | | | |] | | | | ļ | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | DE | SCRIPTIO | N OF MATER | UALS | | | PID ppm |
| 0 | R3-A | 0-0 | 51 | 75% | - | ML | | | 0-1' \$ | Silt with sar | nd, Dark Brown | , pieces | of tile | | 0.0 |
| 1 | κ.σ-Λ | 0-0 | | | 1 | ML | | | | 1-3' Silt wi | th sand, Dark B | Brown | | | |
| 2 | R3-B | 1.5-2 | 2.0' | | | | | | | | | | | | 0.0 |
| 3 | + | | | | | ML | | | | 3-4' Silt. Bi | rown, little sand | d.clav | | | |
| | | | | | # | | | | | 5 . ong 2. | iown, muo sun | .,0.0, | | | |
| 4 | + | | | 100% | + | SW | | | 4 | I-5' Sand wi | th gravel, Light | Brown | <u> </u> | - | 0.0 |
| | | | | | | | _ | | | | - | | | | |
| 5 | - | | | | | SM | | | | 3-7 Claye | y Sand, Light b | iowii | | | |
| 6 | - | | | | _ | | | | | | | | | | <u> </u> |
| 7 | | | | | | SW | | | | 7-8' Sa | nd, Light Brow | 'n | | | |
| 8 | | | | | - | | | | | | | | | | <u> </u> |
| 8 | | | | 100% | _ | SW | | | 8- | -12' Sand w | ith gravel, Ligh | t Brown | n | | 0.0 |
| 9 | | | | | | | | | | | | | | | |
| 10 | | <u> </u> | | - | \dashv | | | | | | | | | | |
| | | | | | ⇉ | | | | | | | | | | |
| 11 | | - | | | \dashv | | | | | | | | | | |
| 12 | | | | 1000/ | | - ani | | | -10 | 1410-1- | 7-1 1 ¥ 7 1 | | | | |
| 12 | | | | 100% | \dashv | SW | | | 12 | 2-16 Sand W | vith gravel, Ligi | nt Rtow | /I) | | 0.0 |
| 13 | | | | | _ | | | | | | | | | | |
| 14 | | | | | | | _ | | | | | | | | |
| 15 | R3-C | 14-1 | 4.5' | | \dashv | | | | | | wet | | | | |
| | 1 | | | | \exists | | | | | | | | | | |
| 16 | | ! | | | | | | I | | | of Exploration | | | - | <u> </u> |
| DRILLING | | | | uck-mounted Geo | prob | e Rig | | | | | CE ELEVATIO | | | | |
| TEMPORA | ARY WEI | LL INST | ALLE | D: | Yes | | | | | START | DATE: | | /16/2007 | | |
| RISER FR | ОМ: | NA | TO: | NA SCREE | N FR | ROM: | 15 | ' TO: 20' | | END DA | ATE: | 11/16 | /2007 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths | easuremen measured ot applicab | l from g | | n 6" intervals surface | | | | | | | | | | | |

BORING NUMBER: **BORING LOG** P51-R4 PROJECT: JOB NUMBER: US Army BRAC 2005 Site Investigation 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: M.Magness SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER TYPE Geoprobe MacroCore DATE 11/17/07¹ SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 12.0' HAMMER FALL SAMPLE DESCRIPTION OF MATERIALS REC USC Symbol PID DEPTH No. DEPTH (feet) ppm 0-1' Silt with sand, Dark Brown 100% ML 0 R4-A 0-0.5' 0.0 SM 1-3' Sand with silt, Med. Brown 1 0.0 2 R4-B 1.5-2.0' 3 SP 3-4' Sand with gravel, Med. Brown 4 4-6' Sand with gravel, Brown 4 100% SP 0.0 5 6-8' Sand with clay, Brown SM 6 7 8-9' Sand, Med. Brown 0.0 100% SP 8 SP 9 9-10.5' Sand, Red Brown 10 SM 10.5-12' Sand with silt, Med.Brown, wet 11 R4-C 11.5-12.0' 12 End of Exploration 12 13 14 15 16 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig TEMPORARY WELL INSTALLED: START DATE: 11/17/2007 END DATE: 11/17/2007 RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | E | ORING | LOC | 3 | | | BORIN | G NUMBE | R: P51-R5 | |
|--|----------------------|----------|------------|----------------------|-----------|--------------|---------------------------------------|------------------|-------------------------------------|------------|--------------|--------------|--|
| | | | | IENTAL | & PROJE | CT: | US Army BRAC 2 | 2005 Site Invest | igation | JOB NUM | | 124976 | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | | |
| | | | | | | | | | | DRILLER | : Frank Acc | orsi | |
| | | | | | CONT | RACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | | |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUNI | WATER | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/16 | /07' | | | | |
| HAMM | ER WÉI | | | NA | | | | Groundwater D | epth (feet): | | 11.5' | | |
| HAMI | MER FA | | PLE | NA | - | <u> </u> | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syı | nbol | | DESCRIPTIO | ON OF MATER | IIALS | | PID ppm | |
| 0 , | R5-A | 0-0. | <i>c</i> 1 | 75% | SM | | | | and with silt, Br | own | | | |
| 1 | NJ-A | 0-0. | <i>5</i> | | SW | | | | al fragments rown, little grav | el,clay | | 0.0 | |
| 2 | R5-B | 1.5-2 | .0' | | | | | | | | | 0.0 | |
| 3 | <u> </u> | | | | sw | | | 3-3.5' S | and, Light Brov | vn | | | |
| 4 | | | | | SM | | | | layey Sand, Bro | | | | |
| 4 | | | | 100% | SM | | | 4-6' Silty | Sand, Light Bro | own | | 0.0 | |
| 4 100% SM 4-6' Silty Sand, Light Brown 5 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | SP | | | 6-7.5' Sand, I | Light Brown, tra | ice clay | | | |
| 7 | | | | | ML | | | 7500 | lit Poins/Orne | | | | |
| 8 | | | | | | | | | Silt, Beige/Orang | | | | |
| 88 | - | | | 100% | SP | | | 8-9' Sand | d, Brown, little o | elay | | 0.0 | |
| 9 | | | | | GP | | | | Sand and Grave | | | | |
| 10 | | | | _ | SP SW | | | | nd, Brown, little , White/Orange | | | | |
| 11 | - | | | | | • | | | | | | | |
| | R5-C | 11-1 | 1.5' | | | | | | wet | | | | |
| 12 | - | | | | | | | End | of Exploration | | | 0.0 | |
| | ļ . | | | | | | | | | | | | |
| 13 | | | | | _ | | | | | | | | |
| 14 | <u> </u> | | | | _ | | | | | | | | |
| 15 | | | | | | | į | | | | | | |
| 16 | 上 | \vdash | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFAC | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | Yes | | , | START | DATE: | 11/16/2007 | 7 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 11 | ' TO: 16' | END DA | ATE: | 11/16/2007 | | | |
| NOTES: | | | | | | | | | | | | <u> </u> | |
| | | | | n 6" intervals | | | | | | | | | |
| | measured applicat | | ound s | иггасе | | | | | | | | | |
| | | | | | _ | | · · · · · · · · · · · · · · · · · · · | | | | | | |

| | - | | | В | ORING I | LOG | | | BORING NUME | BER: P51-R6 |
|------------------|--|---------|-------|--------------------------|---------------|------|-----------------|--------------------------|---|----------------|
| | | | | IENTAL & | PROJECT LOCAT | ION: | Main Post, FTMN | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE DRILLER: Frank A FIELD REP: M.Magn | 124976 |
| | | | | SAMPLER | CASING | | ORE BARREL | | PTH OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/17/07' | | |
| HAMM | ER WEI | | | NA | _ | | | Groundwater Depth (feet) | : 5.5' | |
| HAM | MER FA | | IPLE | NA | | Ĺ | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | bol | | DESCRIPTION OF MA | | PID ppm |
| 0 | R6-A | 0-0 | 5' | 100% | SM_ | | | 0-1' Sand with silt, I | Dark Brown | 0.0 |
| 1 | NO-M | 0-0 | ., | | SP | | | 1-1.5' Sand with g | | 0.0 |
| 2 | R6-B | 1.5-2 | ים כ | - | CL_ | | | 1.5-4' Silty Clay, Bro | wn, moist | 0.0 |
| | 10-10 | 1.55 | | | | | | | | 0.0 |
| 3 | | | | | _ | - | | | | - |
| 4 | | | | | | | | | | |
| 4 | | | _ | 75% | SP | | | 4-5' Sand, Bro | wn | 0.0 |
| 5 | | | | | SW | | | 5-6' Sand, Brown, | , moist | |
| 6 | R6-C | 5-5 | .5' | | SP | | | 6-8' Sand, Brown/G | rey, wet | |
| 7 | | | | | | | | • | | |
| 8 | | | | | | | | End of Explora | tion | |
| 8 | | - | | | | | | Elia of Explora | | |
| 9 | | | | | | | | | | |
| | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 12 | | | | | 1 | | | | | |
| 13 | - | | | | + | | | | | |
| 14 | \bot | | | | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | • • • | | <u> </u> | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFACE ELEVA | TION: | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | START DATE: | 11/17/2007 | |
| RISER FRO | | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | 1 | 11/17/2007 | |
| OTES: | | | | | | | • • • | <u> </u> | | |
| PID me Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | |

| | | | | F | ORI | NG I | | Š | | | BORING | G NUMBE | R: P51-R7 |
|-----------------|------------------------------------|-----------|------|--------------------------|----------|--------|------|-----------------|------------------|-------------------|-------------|--------------|--------------|
| SHAW | EN | VIRC | NN | TENTAL 6 | & P | ROJE | CT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUM | BER: | 124976 |
| | | | | TURE | | OCAT | ION: | Main Post, FTMN | 1, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | : Frank Acco | orsi |
| | | | | | | ONTR | ACTO | OR: TVS | | | FIELD RE | P: K. Gerdes | |
| | | | | SAMPLER | CAS | ING | (| ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | - | | | | DATE 11/16 | 5/07 ' | | - | |
| HAMM | ER WEI | | | NA | | | | | Groundwater I | Depth (feet): | | 10.0' | |
| HAM | MER FA | _ | IPLE | NA _ | | | | | L | | <u> </u> | 1 | + |
| DEPTH (feet) | No. | DEP | ТН | REC | U | SC Sym | lodi | | DESCRIPTION | ON OF MATER | IALS | | PID ppm |
| 0 | R7-A | 0-0. | 51 | 50% | | SW | | | 0-2' Sar | nd with gravel, B | rown | | 0.0 |
| 1 | | 0-0. | | | | | | | | | | | |
| 2 | R7-B | 1.5-2 | 2.0' | | | sw | | | 2-3.5 | 5' Sand, Orange | | | 0.0 |
| 3 | \perp | | | | \pm | ML | | | 3,5 | -4' Silt, Beige | | | <u> </u> |
| 4 | | | | | - - | | | | | | | | |
| 4 | ! | | | 100% | | ML | | | 4-6.5' Silt, I | Beige/Orange,litt | le clay | | 0.0 |
| 5 | | | | | \perp | | | | | | | | |
| 6 | \vdash | | | | + | | | | | | | | |
| 7 | 1 | | | | | SP | | | 6.5-7.5' \$ | Sand, Beige/Ora | nge | | |
| | | | | | | sw | | | 7.5- | 8' Sand, Beige | | | |
| 8 | | | | 60% | 1- | sw | | | 8-1 | 0' Sand, Beige | | - | 0.0 |
| 9 | | <u> </u> | | | - | | _ | | | | | | - |
| 10 | R7-C | 9.5-1 | 0.0' | | | GP | | | 10 11 61 | Sand and Gravel | t | | |
| | K/-C | 9.5-1 | 0.0 | | | - Gr | | | 10-11.5 | Sand and Graver, | WEL | | |
| 11 | | | | | \dashv | MĹ | | | 11.5-12' Si | It with sand, Gre | y,wet | | |
| 12 12 | | | | | | | | | End | of Exploration | | | 0.0 |
| | | | | | | - | | | | | | | 3.0 |
| 13 | | | | | _ | | | | | | | | 1 |
| 14 | | | | | | | | | | | | | |
| 15 | 1 | | | | \perp | | | | | | | | |
| 16 | | | | | 士 | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe R | ig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | | | Yes | | | | START | DATE: | 11/16/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROI | M: | 10 | ' TO: 15' | END DA | ATE: | 11/16/2007 | | • |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | - | |

| | | | | В | ORING I | LOG | ; | | | | BOR | NG NUMB | ER: P51-R8 |
|-----------------|----------------------------------|---------|-----------|--------------------------|----------|------|--------------|-----|-------------|------------------|------------|--------------------|---------------|
| | | | | IENTAL & | PROJEC | | US Army BRAC | | | igation | JOB NI | JMBER: T: USACE | 124976 |
| | | | | | | | | • | | | DRILL | ER: Frank Ac | corsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | FIELD | REP: M.Magne | ess |
| | | | | SAMPLER | CASING | | ORE BARREL | Т | | DEPTE | OF GROU | NDWATER | |
| | TYPE | | | robe MacroCore | | | | DΑ | TE 11/17 | | | | |
| HAMM | ZE (ID) ER WEIC | | | 2" NA | | | | Gro | oundwater I | Depth (feet): | | 10.0' | |
| HAM | MER FA | | | NA | | _ | | L | | · | | | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Syn | nbol | | DE | SCRIPTIO | ON OF MATE | RIALS | | PID ppm |
| 0 | R8-A | 0-0. | 51 | 80% | SW | | | | 0-2' Sa | nd, Dark Brown | /Grey | | 0.0 |
| 1 | Ko-A | 0-0. | د. | - | | | • | | | | | | 0.0 |
| 2 | R8-B | 1.5-2 | 2.0' | | SM | | | | 2-4' Sar | d with silt, Bro | wn | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | 000/ | an an | | | | | ' Sand, Brown | | | |
| 4 | | | | 90% | SP | | | | | | | | 0.0 |
| 5 | - | | | | SP | | ' | | 5-8' S | and, Light Brov | /n | | |
| 6 | ļ | | | | | | | | | | | | |
| 7 | <u> </u> | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 8 | ļ. — | | | 80% | SP/MI | L | | 8 | -10' Sand w | ith clay and sil | t, Brown | | 0.0 |
| 9 | | | | | | | | | | | | | |
| 10 | R8-C | 9.5-1 | 0.0' | | SP | | | | 10-12' Sar | nd, Light Brown | ı, wet | | |
| 11 | | | | | - | | | | | | | | |
| 12 | | | , | | | - | | | End | of Exploration | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | - | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: 1 | No | | | | START | DATE: | 11/17/2 | 007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | . | END DA | ATE: | 11/17/2007 | 7 | 1 |
| NOTES: | | | | | | | | | | | | _ | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| <u> </u> | | | | B | ORING | LOC | - | | | BORIN | G NUMBE | R: P51-R9 | | |
|-----------------|------------------------------------|-----------|-------|---------------------------|-----------|-------|-----------------|------------------|-------------------|------------|--------------|--------------|--|--|
| SHAW | ENV | VIRC | NN | ENTAL & | PROJI | ECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 | | |
| | | | | TURE | | TION: | Main Dan ETLA | CNI | | CLIENT: | USACE | | | |
| | | | | | LOCA | HON: | Main Post, FTMM | I, 14J | | DRILLER | : Frank Acc | orri | | |
| | | | | | CONT | RACTO | OR: TVS | | | 1 | | OISI | | |
| | | | | | | | | | | FIELD RE | P: K. Gerdes | | | |
| - | TYPE | | | SAMPLER robe MacroCore | CASING | (| ORE BARREL | DATE 11/16 | | OF GROUNI | WATER | 1 | | |
| | ZE (ID) | | Сеор | 2" | | | | DATE 11/16 | 707 | | | | | |
| | ER WEI | | | NA NA | | | | Groundwater D | epth (feet): | | 12.0' | | | |
| HAMI | MER FA | | IPLE | NA | | 1 | | | _ | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm | | |
| 0 | DO A | 0.0 | 5' | 75% | SF |) | | 0-2' San | d, Brown, little | gravel | | 0.0 | | |
| 1 | R9-A | 0-0. | ر. | | | | | | | | | 0.0 | | |
| 2 | R9-B | 1.5-2 | 2.0' | | SM | 1 | | 2-3.5' San | ıd with clay, Bro | own | | 0.0 | | |
| | | | | | | | | _ 5.5 54. | | · · •• | | ,,,, | | |
| 3 | | | | | MI | | | 3.5-4' Silt w | ith sand, Brown | /Beige | | | | |
| 4 | | | | 85% | er er | | | | | | | 0.0 | | |
| | | | | | | | 0.0 | | | | | | | |
| 5 | 5 ML 5.5' Sand and Gravel 5 | | | | | | | | | | | | | |
| 6 | \vdash | | | | MI | |] | | y Silt, Beige/Or | ange | | | | |
| 7 | \perp | | | | | | | | | | | | | |
| 8 | | | | | | | ł | | | | | | | |
| 8 | | | | 60% | MI | | | 8-10' Clay | ey Silt, Beige/O | range | | 0.0 | | |
| 9 | $\perp =$ | | | | | | } | | | | | | | |
| 10 | - | | | | M | | | 10-11' 9 | ilt, Orange/Bro | wn | | | | |
| | | | | | | | 1 | | | | | | | |
| 11 | + | | | | MI | ما | | 11-12 | Silt, Black, we | t | | | | |
| 12 12 | R9-C | 11.5- | 12.0' | | | | | End | of Exploration | | | · | | |
| - | | | | | | | | | | | | | | |
| 13 | | | | | | | 1 | | | | | | | |
| 14 | | | | • | | |] | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | — | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | | |
| TEMPORA | | | ALLE | D: | Yes | | | START | | 11/16/2001 | , | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 13 | ' TO: 16' | END DA | ATE: | 11/16/2007 | | • | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | | В | ORING I | LOG | } | | | BORIN | G NUMB) | ER: P57-A1 |
|-----------------|----------------------------------|---------|------------|--------------------------|---------------|------|--|-------------------|------------------|----------------------------------|---------|-----------------|
| | | | | IENTAL & | PROJECT LOCAT | ION: | US Army BRAC Main Post, FTMN OR: TVS | | igation | JOB NUM CLIENT: DRILLER FIELD RE | USACE | 124976 corsi |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH (| OF GROUND | WATER | |
| | TYPE | | Geop | robe MacroCore | | | | DATE 12/11 | /07' | | | |
| | ZE (ID) ER WEI | GHT | | 2" NA | | | | Groundwater D | Depth (feet): | | 8.0' | |
| HAMI | MER FA | | | NA | | Ц, | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Sym | ibol | | DESCRIPTIO | ON OF MATERI | ALS | | PID ppm |
| 0 | | | | 100% | | | | | -0.5' asphalt | | | |
| . <u>1</u> | Al-A | 0.5-1 | 1.0' | | SP/GP | | | 0.5-1.5' Sa | nd and Gravel, B | lack | | 0.0 |
| | <u> </u> | | | | sw | | | .5-4' Sand, Yel | low/Olive Brown | , little silt | | 2.0 |
| 2 | A1-B | 1.5-2 | 2.0" | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 100% | SM | | 4-8' | Silt with sand, (| Orange Brown/Li | ght Grey, wet | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | <u> </u> |
| 8 | A1-C | 7.5-8.0 | | | | | | End | of Exploration | | | |
| | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | _ | | | | | | | | |
| 11 | | - | | | | | | | | | | ļ |
| 12 | | | | | | | | | | | | |
| 12 | | | | | 1 | | | | | | | |
| 13 | | - | | | | | 1 | | | | | <u> </u> |
| | | | | | 1 | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | <u></u> | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | robe Rig | | | SURFAC | CE ELEVATION | l: | | |
| TEMPORA | RY WEI | L INST | ALLEI | D: | Yes | | | START | DATE: | 12/11/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREET | N FROM: | 7' | TO: 12' | END DA | ATE: 12 | 2/11/2007 | | |
| OTES: | | | | | | | | | | T | | |
| PID mea | nsuremen neasured applicab | from gr | | a 6" intervals urface | | | | | | | | |

| | | | | | ORING | LOG | | | | BORIN | G NUMBI | |
|-----------|-----------------|--------------|------------|---------------------------------------|--------------|------|-----------------|-------------------|--|-----------|--------------|----------|
| | | _ | | · · · · · · · · · · · · · · · · · · · | | | | 2005 01: 1 | | IOD NUM | DED. | P57-A2 |
| SHAW | EN | /IRC | NM | ENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BEK: | 124976 |
| I | VFRA | STR | UC | TURE | | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Main Post, FTMN | 1, NJ | | | | |
| | | | | | | | | | | DRILLER | : Frank Acc | corsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R.McCorr | nick |
| | | | | | | | | | | 1122210 | 11 141110001 | |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/08 | 1/07' | | | |
| HAMM | ER WEIG | | | NA | | | | Groundwater I | Depth (feet): | | 6.0' | |
| HAM | MER FAI | | | NA | | L | | <u> </u> | | | | + |
| DEPTH | No. | DEP | IPLE TH | REC | USC Syn | rbol | | DESCRIPTIO | ON OF MATERI | ALS | | PID |
| (feet) | | | | 1000/ | | | | 0.0 51 53 | t, Brown, little sa | | | ppm |
| 0 | A2-A | 0-0 | .5' | 100% | SM SW | | | | t, Brown, nuie sa 1, Yellow Olive F | | | 0.0 |
| 1 | | | | | | | | | | | | |
| 2 | A2-B | 1.5-2 | 2.0' | | + | | | | | | | 0.0 |
| | | | | | | | | | 3' asphalt, slag | | | |
| 3 | | | | | SW | | | 3-4' Sand, | Yellow Olive Br | own | | |
| 4 | | | | | | | | | | | | |
| 4 | - | | | 100% | SW | | | 4-5' Sand, | Yellow Olive Br | own | | 0.0 |
| 5 | | | - | | SM | | | 5-8' Clay with sa | and, Light Grey/C | reen, wet | | |
| 6 | A2-C | 5.5- | 4 OI | | | | | | | | | |
| | AZ-C | 3.3- | 0.0 | | | | | | | | | |
| 7 | | | | | | | | | | | | <u> </u> |
| 8 | | | | _ | | | | End | of Exploration | | | |
| 8 | 1 | | | | | | | | | | | |
| 9 | 1 | | | | - | | | | | | | |
| | ļ | | | | | | | | | | | |
| 10 | | | | · | - | | İ | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | ┼ | | | | | | | | | | | |
| _12 | | | | | | | | | | | | ļ |
| 13 | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | |
| 14 | | <u> </u> | | | | | 1 | | | | | |
| 15 | | | | - | | |] | | | | | |
| 16 | | | | | | | 1 | | | | | |
| DRILLING | RIG TV | PE: | Т- | uck-mounted Geo | nrohe Rio | | | SURFA | CE ELEVATION | I: | | |
| | | | | | | | | - 1 | | 12/8/2007 | | |
| TEMPORA | | | | | No | | | START | | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | A TO: NA | END D | ATE: | 2/8/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID me | asuremen | ts were | taken i | n 6" intervals | | | | | | | | |
| Depths | measured | from gr | | | | | | | | 1 | | |
| NA=no | t applicab | ie | | | | | | | | | | |
| | | | | | | | | | | | | |

| | - | | | B | ORING | LOC | } | | | BORIN | G NUMBI | ER: P57-A3 |
|-----------------|------------------------------------|---------|------------|--------------------------|---------|--------------|-------------------------------|---------------|------------------|-------------|---------------|---------------|
| | | | | ENTAL & | PROJE | | US Army BRAC Main Post, FTMN | | igation | JOB NUM | BER: USACE | 124976 |
| | | | | | | | | | | DRILLER | : Frank Ac | corsi |
| | | | | | CONTI | RACTO | OR: TVS | | | FIELD RE | P: R.McCor | mick |
| 7 | | | | SAMPLER | CASING | (| CORE BARREL | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/11/ | /07' | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 4.5' | |
| HAM | MER FAI | | | NA | | <u> </u> | | | | | <u> </u> | - |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | - | | 100% | SD/C | n . | | | 0.5' asphalt | | | |
| 1 | A3-A | 0.5-1 | .0' | | SP/G | г | | 0.5-1.5 San | id and Gravel, E | orown | | 0.0 |
| 2 | A3-B | 1.5-2 | 2.0' | | CL | | | 1.5-2.5' Silt | and Clay, Dark | Green | | 0.0 |
| 3 | | | | • | sw | | | 2.5-4' San | d, Yellow/Tan, | wet | | |
| | | | | | | | | | | | | |
| 4 | A3-C | 4-4. | .5' | | | | | End | of Exploration | | | |
| 5 | | | | | | | | | | | | |
| 6 | ļ | | | | | | | | | | | |
| | ļ | | | | | | | | | | | |
| 7 | - | | | | | | | | | | | |
| 8 | - | | | • | - | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 12 | - | | | | - | | - | • | | | | |
| 13 | | | | | | | | | | | | |
| 14 | - | - | | | | | | | | | | |
| | | | | | | | | | | | | |
| 15 | | | | | | - | | | | | | |
| 16 | | | | | : | | | | | | | |
| DRILLING | | | | ick-mounted Geor | | | | | CE ELEVATIO | | _ | |
| TEMPORA | | | | | Yes | ,, | TO: 0' | START | | 12/11/2007 | • | |
| RISER FRO | JM: | NA | TO: | NA SCREE | N FRUM: | 4' | TO: 9' | END DA | IIE: | 12/11/2007 | | |
| Depths | asuremen measured t applicab | from gr | | i 6" intervals irface | | | | | | | | |

| _ | | - | | | ВС | DRING I | LOG | · | | | BORIN | G NUMBI | ER: P57-A4 |
|-----------------|------------------------------------|---------|-------|----------------|-------------|--------------|----------|----------------|--------|--|-----------------|------------|---------------|
| SHAW | FNY | ЛΩС | NM | IFNT | 'AT & | PROJE | CT: | US Army BRAC | 200 | 95 Site Investigation | JOB NUM | BER: | 124976 |
| | VFRA | | | | | | | | | | CLIENT: | USACE | |
| - | | | | | _ | LOCAT | ION: | Main Post, FTM | M, N | 1J | | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER | Frank Ac | corsi |
| | | | | | | | | | | | FIELD RE | P: R,McCon | mick |
| | | | | SAMPLI | | CASING _ | C | ORE BARREL | Ţ | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Mad 2" | roCore | | | | _D, | ATE 12/10/07' | | | |
| HAMM | ER WÉIC MER FAI | | | NA NA | | | | | Gı | roundwater Depth (feet): | | 7.0' | |
| nAwi | VIER FAI | | IPLE | NA | | | <u> </u> | | | . ! | | ! | |
| DEPTH (feet) | No. | DEP | ТН | | EC | USC Syn | ıbol | | Di | ESCRIPTION OF MATER | IALS | | PID ppm |
| 0 | ļ | | | 1 | 00% | sw | | | | 0-0.5' asphalt 0.5-1.5' Sand with gravel, B | rown | | 0.0 |
| 1 | A4-A | 0.5- | 1.0' | | | | | | | | | | |
| 2 | A4-B | 1.5-2 | 2.0' | | | SM | | 1. | 5-4' 1 | Silt with sand, Dark Green, co | oal fragments | | 0.0 |
| 3 | | | | | | | _ | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | | 00% | SP | | | 4 | -6.5' Sand, Dark Green, little | silt, wet | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | ļ | | | | | SP | | | : = 0 | ' Sand, Yellow Orange/Tan, l | istle eilt wat | | |
| 7 | A4-C | 6.5- | 7.0' | | | Sr | | ' |).J-0 | Sand, Tenow Orange/Tan, I | ittie siit, wei | | |
| 8 | | | | | | | | | | End of Exploration | | | |
| 8 | ļ | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | |
| 11 | | | _ | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | | | | | | - | | | | | | _ | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | 1 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-moui | ited Geopre | obe Rig | | | | SURFACE ELEVATION | v : | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | N | lo | | | | START DATE: | 12/10/2007 | • | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | | END DATE: | 2/10/2007 | | |
| NOTES: | | | | | | | | | | <u> </u> | | | - |
| Depths 1 | asuremen measured t applicab | from gr | | | vals | | | | | | | | |

| | | | | В | ORING I | LOG | 3 | | | BORING | S NUMBI | |
|-----------------|------------------------------------|------------|------------|-----------------------|----------|------|----------------|-----------------------------|------------|------------|-------------|------------|
| . — | | | | | | | | | | | P57-A5 | |
| | | | | ENTAL & | PROJEC | CT: | US Army BRAC | 2005 Site Investigation | | JOB NUMI | | 124976 |
| II | NFRA | ASTR | UC' | FURE | LOCAT | ION: | Main Post, FTM | a, nj | | CLIENT: | USACE | |
| | | | | | | | | | | DRILLER: | Frank Acc | corsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R.McCorr | nick |
| | | | | AMPLER | CASING | (| ORE BARREL | | ЕРТН О | F GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 12/11/07' | | - | | |
| | ER WEI | GHT | | NA | | | | Groundwater Depth (fee | et): | | 8.0' | |
| HAM | MER FA | | | NA | | ŀ, | | | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | USC Syn | ibol | | DESCRIPTION OF M | IATERIA | LS | | PID ppm |
| 0 | | | | 100% | | | | 0-0.5' asph | | | | |
| 1 | A5-A | 0.5-1 | .0' | | SP/GI | | | 0.5-1.5' Sand and Gr | ravel, Bro | wn | | 0.0 |
| | | | | | GM | | 1. | 5-2.0' Silt with gravel wit | | ark Green | | |
| 2 | A5-B | 1.5-2 | 2.0' | | | | | 2' concre 2-4' coa | | | | 0.0 |
| 3 | ļ | | | - | | | | 2-4 002 | | | | |
| 4 | + | | | | | | | | | | | |
| 4 | | | | | | | | 4-5' coa | 1. | | | 0,0 |
| 5 | | | | | SM | | | 5-8' Sand with silt, Dark | Olive Gre | en, wet | | |
| 6 | | | | | | | , | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | A5-C | 7.5-8 | 3.0' | | | | | End of Explo | ration | | | |
| 8 | | | | | | 4. | | 200 01 20010 | | - | | |
| 9 | ļ | | | | | | | | | | | |
| 10 | | | | | _ | | | | | | | |
| 11 | | | _ | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 12 | 1 | | —-[| | 1 | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | • | | | | |
| 15 | | | | | 1 | | | | | | | |
| 16 | 1 | | | | <u> </u> | | | | | | | |
| DRILLING | RIG TY | PE: | Tru | ck-mounted Geop | robe Rig | | | SURFACE ELEV | /ATION: | | | |
| TEMPORA | RY WEI | L INST | ALLED | : ' | Yes | | | START DATE: | | 12/11/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREEN | FROM: | 4' | TO: 14' | END DATE: | 12/ | 11/2007 | | |
| Depths | asuremen measured t applicab | from gr | | 6" intervals rface | | | - | | | | | |

| | | | | B | OR | ING I | COG | , | | | BORING NUMBE | R: P57-A6 |
|-------------------------------|--------------------|------------|------------|--------------------------|---------|---------|------|-----------------|------------------|-------------------|---------------------|--------------|
| SHAW | ENV | /IRC | NN | ENTAL & | ر پ | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation ' | JOB NUMBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Main Post, FTMN | 1, NJ | | CLIENT: USACE | |
| | | | | | | | | | | | DRILLER: Frank Acc | orsi |
| | | | | | ľ | CONTR | ACTO | R: TVS | | | FIELD REP: R.McCorn | nick |
| | | | | SAMPLER | CAS | SING | | ORE BARREL | 1 | ревен | OF GROUNDWATER | |
| | YPE | | Geop | robe MacroCore | | | | | DATE 12/10 | | OF GROUND WATER | |
| SIZ HAMMI | ZE (ID) ER WEIG | ЭНТ | | 2" NA | | | | | Groundwater D | enth (feet): | 7.5' | |
| | MER FAI | | | NA | | - | | | Orotana water E | Jepin (reet). | 7.5 | |
| | No. | SAN DEP | OPLE TH | REC | Ţ | JSC Sym | bol | | DESCRIPTIO | ON OF MATER | UALS | PID |
| (feet) | | | | 100% | + | | | | 0. | -0.5' asphalt | | ppm |
| | | | | | | sw | | | | d, Brown, little | gravel | 0.0 |
| 1 | A6-A | 0.5-1 | 1.0' | | - | SM | | | 1 5.3 51 881+ | and Sand, Olive | - Grev | - |
| 2 | A6-B | 1.5-2 | 2.0' | | | J141 | | | 1.5-5.5 Bill | and Duild, Office | . 5.03 | 0.0 |
| 3 | | | | | | | | | | | | İ |
| 4 | | | | | | SM | | | 3.5-4' Sand wi | th silt, Olive Gr | ey Green | - |
| 4 | | | | 100% | | SM | | - | 4-5' Sand with | h silt, Olive Gre | y Green | 0.0 |
| 5 | | | | | | CĻ | | | 5-8' Silty Clay, | , Green, trace gr | avel, wet | |
| 6 | | | | | - | | | | | | | · |
| | | | | | | | | | | | | |
| 7 | 14.0 | - 7.7 | - | | _ | | | | | | | |
| 8 | A6-C | 7-7. | .5 | | + | | | | End | of Exploration | | |
| 8 | | | | | | | | | | - | | |
| 9 | | | | | \pm | | | | | | | |
| 10 | | | | | + | | | | | | | |
| 10 | | | | | | | | | | | | <u> </u> |
| _11_ | | | | | 4 | | | | | | | |
| 12 | | <u> </u> | | | + | | | | | | | |
| 12 | | | | | \perp | _ | | | | | | ļ |
| 13 | | - | | | + | | | | | | | |
| | | | | | | _ | | | | | | |
| . 14 | - | | | <u> </u> | + | _ | | | | | | |
| 15 | | | | | 丰 | | | | | | | |
| 16 | | - | | | + | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | robe F | Rig | | | SURFAC | CE ELEVATIO | N: | |
| TEMPORA | | | | | No | - | | | START | | 12/10/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | M: | NA | TO: NA | END DA | | 12/10/2007 | |
| NOTES: | | | | | | | | | | | | |
| PID mez Depths r NA≕not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | <u>В</u> | OR) | ING I | LOG | <u> </u> | | | BORIN | G NUMBE | R: P57-A7 |
|-----------------|--------------------------------------|---------------|---------------|-----------------|-------------|--------------|----------|---------------|--------------|--------------------------------------|--|---------------------|--------------|--------------|
| SHAW | V ENV NFRA | | | | | ۱ | PROJEC | | US Army BRAC | 2005 Site Invest | igation | JOB NUM CLIENT: | | 124976 |
| | | | | | | ŀ | CONTR | ACTO | OR: TVS | | | DRILLER FIELD RE | : Frank Acco | |
| | | | | SAMPLI | | CAS | SING | С | ORE BARREL | DATE 12/11 | | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | orobe Mad 2" | crocore | | | | | | | | | <u> </u> |
| HAMM | IER WEIC MER FAL | | 匚 | NA NA | | | | \sqsubseteq | | Groundwater D | Depth (feet): | | 6.5' | |
| nawi | MEKTAL | | IPLE | NA. | | | | $\overline{}$ | | 1 | | | | |
| DEPTH (feet) | No. | DEP | | P | REC | U | JSC Sym | ıbol | | DESCRIPTIO | N OF MATER | UALS | | PID ppm |
| 0 | A7-A | 0-0. | 5' | 11 | 00% | + | SM | - | | 0-3.5' Silt w | ith sand, Olive | Brown | | 0.0 |
| 1 | A/-A | <u> </u> | | | | 上 | | | | | | | | 0.0 |
| 2 | A7-B | 1.5-2 | 2 0' | | | + | | \rightarrow | | | | | | 0.0 |
| | | | | | | # | | | | | | | | |
| 3 | + | <u> </u> | - | | | + | SP | | | 3.5-4' Sand, \ | Yellow Brown, l | little silt | | ļ |
| 4 | \perp | | | | | # | | | | | | | | |
| 4 | + | \vdash | \rightarrow | | | + | SP SW | | 4-4 | 4.5' Sand, Yellow 4.5-7' Sand, Ol | Brown, little si live Green, little | | | 0.0 |
| 5 | | <u> </u> | \Box | | | \downarrow | | | | • | • | · | | |
| 6 | + | <u> </u> | _ | | | + | | | | | | | | <u> </u> |
| 7 | A7-C | 6-6. | .5' | | | # | | | | 7. | 7.5' concrete | | | |
| | | <u> </u> | | | | \pm | | | | • | 7.5-8' coal | | | |
| 8 | | — | | | | + | | | ······ | End | of Exploration | | | |
| | | | | | | 士 | | | | | | | | |
| 9 | +-+ | | \dashv | | | + | | | | | | | | ļ |
| 10 | | | | | | # | | | | | | | | |
| 11 | | | | | | + | | | | | | | | |
| | | $\overline{}$ | | | | 7 | | | | | | | | |
| 12 12 | | | \exists | | | 士 | | \exists | | | | | | † |
| 13 | | <u> </u> | | | | 7 | | | | | | | | |
| | | | | | | 士 | | | | | | | | |
| 14 | + | | \dashv | \vdash | | + | | | | | | | | ļ |
| 15 | | L | | | | 丰 | | | | | | | | |
| 16 | + | | \rightarrow | | | + | | | | | | | | <u> </u> |
| DRILLING | RIG TYI | PE: | Tn | uck-moui | nted Geopi | robe R | tig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | , | Yes | | | | START | DATE: | 12/11/2007 | , | |
| RISER FRO | OM: | NA | то: | NA | SCREEN | I FRO | M: | 4' | TO: 14' | END DA | ATE: | 12/11/2007 | | , |
| NOTES: | | | | | | | | _ | | | | | | |
| Depths i | asurement measured t applicabl | from gre | | | vals | | | | | | , | | | |

| | | | |] | BOR | UNG I | LOG | ļ | | | BORIN | G NUMBE | |
|-----------------|--------------------------------------|----------|------|--------------------------|-----------------|----------|-------|-------------------|------------------|--|-------------|-------------|------------------|
| | | | | | | PROJEC | т. | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BED. | P57-A8 124976 |
| SHAV | VEN | VIRC | NN | IENTAL | & | ROJEN | .1. | - | 2005 She ilivesi | igation | JOB NUM | DEK. | 124970 |
| | NFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTMM | f NI | | CLIENT: | USACE | |
| | | | | | | LOCAL | 1011. | Main Fost, 1 Time | 1, 143 | | | | |
| | | | | | | CONTR | ACT(| R: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | | CONTA | no re | | | | FIELD RE | P: R.McCom | nick |
| | | | | SAMPLER | | ASING | 0 | ORE BARREL | - | | OF GROUNI | WATER | |
| | TYPE_ | | Geor | robe MacroCore 2" | | | | | DATE 12/10 | /07' | | | |
| | IZE (ID) IER WEI | GHT | | NA | | | | | Groundwater D | l Depth (feet): | | 6.5' | |
| | MER FA | LL | | NA | | | | | | <u> </u> | | | |
| DEDTY | ls. | | IPLE | n r c | | TICO O. | | | prochamic | an óm ag ammr | Y 4 Y C | | 777 |
| DEPTH (feet) | No. | DEP | IH | REC | | USC Syn | ibol | | DESCRIPTIO | N OF MATER | UALS | | PID ppm |
| 0 | | | | 100% | _ | 05 | | | | -0.5' asphalt | | | |
| 1 | A8-A | 0.5- | 0.1 | | + | SP SM | | | | d, Black, little g Silt, Olive Gree | | | 0.0 |
| | 1 | | | | | | | | | | | | |
| 2 | A8-B | 1.5- | 2.0' | | - | | | | | | | | 0.0 |
| 3 | | | | | $\equiv \vdash$ | | | | | | | | |
| | | | | - | \perp | | | | | | | | |
| 4 | | | | 100% | + | SP | | | 4-7' Sand, Yel | llow Olive/Tan, | little silt | | 0.0 |
| | | | | | | | | | | , | | | |
| 5 | | | | | | | | | | | | | |
| 6 | T | - | | | | | | | | | | | |
| | A8-C | 6-6 | .5' | | | | | | | | | | |
| 7 | | | | | | CL | | | 7-8' Clay | y, Dark Green, v | vet | | |
| 88 | 1 | | | | | | | _ | End | of Exploration | | | |
| 8 | | | | | | | | | | | | | |
| 9 | <u> </u> | | | | | | | | | | | | |
| 10 | | | | | _ | | | i | | | | | |
| 10 | | | | | | | - | | | | | | - |
| 11 | | | | | | | | | | | | | |
| 12 | + | - | | | \dashv | | | | | | | | - |
| 12 | | | | | | | | | | | | | |
| 13 | - | - | | | | | | | | | | | 1 |
| 13 | | | | - | _ | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | - | | | | - | | | | | | | | |
| | | | | | | | | | | | | | |
| 16 | | 1 | | | | | | | | | | | |
| DRILLING | G RIG TY | PE: | Tr | uck-mounted Ge | probe | Rig | | • | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | ARY WEI | LL INST | ALLE | D: | No | | | | START | DATE: | 12/10/2001 | 7 | |
| RISER FR | OM: | NA | то: | NA SCREI | en fr | OM: | NA | TO: NA | END DA | ATE: | 12/10/2007 | | |
| NOTES: | | | | | _ | | _ | | ' | | | | |
| Depths | easuremer measured ot applicat | l from g | | n 6" intervals urface | | | | | | | | | |
| L | | | | | | | | | | | | | |

| | | | | | В | ORING | LOC | 3 | | | | BORIN | G NUMBI | ER: P57-A9 |
|-----------------|----------------------------------|------------|------|-----------------------|-----------|----------|----------|--------------|---------|-----------------|------------------|------------|-------------|---------------|
| SHAW | ENV | ЛRO | NV | ÆNT | 'AL & | PROJ | ECT: | US Army B | RAC 20 | 05 Site Investi | igation | JOB NUM | BER: | 124976 |
| | | | | TUR | | | ATION: | Main Post, l | FTMM, 1 | NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | | DRILLER | : Frank Ac | orsi |
| | | | | | | CON | TRACT | OR: TVS | | | | FIELD RI | EP: R.McCon | nick |
| | | | | SAMPLE | ER | CASING | | CORE BARRE | | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe Mad 2" | roCore | | - | Y | D | ATE 12/11 | /07' | | | |
| HAMM | | GHT | | NA | | | - | | G | roundwater D | epth (feet): | | 8.0' | |
| HAM | MER FA | | | NA | | | | | | | | |] | |
| DEPTH (feet) | No. | SAN DEP | TH | R | EC | USC S | ymbol | - | D | ESCRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | | | | 10 | 00% | S | vI | <u> </u> | | 0-2.5' Sil | t with sand, Bro | own | | |
| 1 | A9-A | 0-0 | .5' | | | | | | | | | | | 0.0 |
| 2 | A9-B | 1.5- | 2.0' | | | S | м | | | 2 5-4' Silt w | ith sand, Dark | Green | | 0.0 |
| 3 | | | | | • | 1 | | | | 210 1 0111 1 | m, ound, 2 um | | | |
| 4 | | | | | | ļ., | | 1 | | | | | | |
| 4 | <u> </u> | | | | | M | <u>.</u> | - | | 4-6' Silt and | Organics, Dar | k Grey | | 0.0 |
| 5 | | | = | | | | | 1 | | | | | | |
| 6 | | | | | | S | M | 1 | | 6-7' Sand and | Silt, Olive Da | k Green | | |
| 7 | | | | | | S | М | 1 | | 7-8' Silt with | ı sand, Dark Gr | ey, wet | | |
| 8 | A9-C | 7.5- | 8.0' | | | | - | | | End | of Exploration | | | |
| 9 | | | | | - | | |] | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | - | | | | | | |
| 12 | <u> </u> | | | | | | | _ | | | | | | |
| 12 | | <u> </u> | | | | 1 | | 4 | | | | | | <u> </u> |
| _13 | | | | | | | |] | | | | | | |
| 14 | <u> </u> | | | | | | | 1 | | | | | | |
| 15 | | | | | | | | 1 | | | | | | |
| 16 | | | | | - | - | | - | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mour | nted Geop | robe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | _ | Yes | | | • | START | | 12/11/200 | 7 | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | 8 | то: | 18' | END DA | TE: | 12/11/2007 | | |
| NOTES: | | | _ | | | | | _ | | 1 | | 1 | | |
| Depths 1 | asuremen measured applicab | from gr | | ı 6" interv urface | vals | | | | | | | | | |

| | | | |] | 30 | RING I | 00 | ; | | | BORIN | G NUMBE | R: P57-B3 |
|-----------------|-----------------|------------|------------|--------------------------|----------|-----------------|------|--------------|------------------|------------------|---------------|--------------|--------------|
| | | | | IENTAL . TURE | & | PROJEC LOCAT | | US Army BRAC | | igation | JOB NUM | | 124976 |
| | | | | | | CONTR | | ND MIC | | | DRILLER | : Frank Acco | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | P: R.McCorm | ick |
| | | | | SAMPLER | | CASING | (| ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | ╁ | | | | DATE 12/08 | /07' | | | |
| HAMM | | GHT | | NA NA | | | - | | Groundwater I | Depth (feet): | | 7.5' | |
| HAM | MER FA | | | NA | | | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | IPLE TH | REC | - | USC Syn | boł | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | | | | | 0 | -0.5' asphalt | | | Pp |
| | D2 . | | | | 7 | SP | | | 0.5-3.5' Sand, Y | ellow Olive Gre | en Brown | | 0.0 |
| 1 | B3-A | 0.5- | .0. | | \dashv | | | | | | | | |
| 2 | В3-В | 1.5-2 | 2.0' | | \dashv | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| | | | | | _ | SM | | 3.5-4' | Clay and Sand, | Light Grey Yel | low Brown/Tar | 1 | |
| 4 | | | | 100% | | CL | | | 4-7' Cla | y, Light Grey, w | et | | 0.0 |
| | | | | | | | | | | ,, <u>-</u> ,, | | | |
| . 5 | | | | | _ | | | | | | | | <u> </u> |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | \dashv | SP | | | 7 St Cand V | ellow/Light Gre | u wat | | |
| | вз-с | 7-7 | .5' | | _ | - 31 | | | 7-0 Sand, I | enow/Light Ore | y, wei | | |
| 8 | | | | | \Box | | | | End | of Exploration | | | |
| 8 | | | - | | - | | | | | | | | - |
| 9 | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | |
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| 11 | | | | | _ | | | | | | | | |
| 12 | - | | | | \dashv | | | | | | | | |
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| 13 | - | | | | \dashv | | | | | | | | - |
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| 14 | | | | | _ | | | | | | | | |
| 15 | | | | | \dashv | | | | | | | | |
| | | | | | _ | | | | | | | | |
| 16 | | | | | _ | | | <u> </u> | | an na na | | | <u> </u> |
| DRILLING | | | | uck-mounted Geo | | | | | | CE ELEVATIO | | | |
| TEMPORA | | | | | No | | | | START | | 12/8/2007 | | |
| RISER FRO | M: | NA | то: | NA SCREE | N F | ком: | N/ | TO: NA | END DA | ATE: | 12/8/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| | neasured | l from gr | | n 6" intervals urface | • | | | | | | | | |

| | | | | В | ORING | LOG | | - | BORING NUMB | BER: P57-B4 |
|-----------------|--------------------------------------|---------|-------|--------------------------|----------|-------|--------------|---|---------------------------|----------------|
| | | | | IENTAL & | PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTI | RACTO | OR: TVS | | DRILLER: Frank A | |
| | | | | SAMPLER | CASING | | ORE BARREL | | OF GROUNDWATER | |
| s | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/08/07' | | _ |
| HAMN | IER WEI | | | NA | | | | Groundwater Depth (feet): | 7.0 | |
| HAM | IMER FA | | IPLE | NA | | 1 | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DESCRIPTION OF MATER | IIALS | PID ppm |
| 0 | | | | 100% | SP/G | P | | 0-0.5' asphalt 0.5-1.5' Sand and Gravel, B | Brown | 0.0 |
| 1 | B4-A | 0.5- | 1.0' | | SM | | 1.5-2 | 5' Sand and Silt, Yellow Olive O | Green, trace clay | - |
| , 2 | B4-B | 1.5-2 | 2.0' | | SP | | | 2.5-4' Sand, Yellow Olive Brow | | 0.0 |
| 3 | | | | | | | | | | |
| 4 | | | | 100% | sw | | | 4-6' Sand, Orange/Olive G | ireen | 0.0 |
| 5 | | | | | | | | , 5 | | |
| 6 | - | | | | SM | | | 6-6.5' Clay with sand, Ligh | t Grev wet | |
| | | | | | SW | | | 6.5-8' Sand, Light Grey Gree | | |
| 7 | В4-С | 6.5-1 | 7.0' | | | | | | | |
| 8 | + | | | | | | | End of Exploration | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
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| 12 12 | | | | | | | | | | |
| 13 | | | | | | | | | | |
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| 15 | <u> </u> | | | | | | | | | |
| 16 | + | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geop | robe Rig | | | SURFACE ELEVATION | N: | |
| TEMPORA | ARY WEL | L INST | ALLEI |) : | No | | | START DATE: | 12/8/2007 | |
| RISER FR | OM: | NA | TO: | NA SCREEN | N FROM: | NA | TO: NA | END DATE: | 12/8/2007 | |
| NOTES: | | | - | | | | <u> </u> | | | |
| Depths | easuremen measured ot applicab | from gr | | a 6" intervals urface | | | | | | |

| - | | | | F | ORI | NG L | ωG | | | | | | |] | BORIN | G NUM | | : 57-B5 |
|--|----------------------------------|---------|-----------|--------------------------|----------|--------|-----------|------------|----------|-----------|----------|----------|-----------------------|---------|------------|---------|----------|------------|
| SHAW ENVIRONMENTAL & INFRASTRUCTURE PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBE CLIENT: DRILLER: | | | | | | | | | | | | | | | BER: | 1: | 24976 | |
| | | | | | | 00.00 | ON | Maria Bara | TTD 43.4 | | | | | ŀ | CLIENT: | USAC | Œ | : |
| | | | | | ľ | OCATI | ON: | Main Post, | FIMM | , NJ | | | | | | | | |
| | | | | | d | CONTRA | ACTO | R: TVS | | | | | | - 1 | | | k Accors | |
| | | | | _ | | | | | | | | | | 1 | FIELD RE | P: R.Mc | Cormic | k |
| | 01 FDF | | | SAMPLER | CAS | ING | C | ORE BARRI | EL | D. A. TET | 10/1 | 0.70.71 | DEPTI | H OF | GROUND | WATER | 1 | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | DATE | 12/10 | 3/07 | | | | | | |
| HAMMI | | | | NA | | | | | | Groun | dwater l | Depth (| feet): | | | 7.0' | | |
| HAMN | MER FAI | | [IPLE | NA . | | | | | | | | | | ٠. | | L | | |
| DEPTH (feet) | No. | DEP | | REC | U | SC Sym | bol | | | DESC | RIPTI | ON OF | MATE | RIAI | LS | | | PID ppm |
| 0 | | | | 100% | | | | | • | | |)-0.5' a | | | _ | | | |
| 1 | B5-A | 0.5- | .0' | | | SM/GP | | | | 0.5-2' | Silt and | Sand, | Green, li | ittle g | ravel | | | 0.0 |
| 2 | B5-B | 1.5-2 | 2.0' | | | CL/SP | | | | 2511 | | | al fragme | | cand | | | 0.0 |
| 3 | | | | | | CL/SF | | | | 2.5-4 | Silly Ci | ay, Dai | k Giccii, | , uacc | Sanu | | | |
| 4 | | - | | | | | \dashv | | | | | | | | | | ŀ | |
| 4 | | | | 100% | | SM | | | 4-7' C | lay wi | th sand, | Dark (| Green/ O | range | Light Grey | , | | 0.0 |
| 5 | | | | | | | | | | | | | | | | | Ī | |
| 6 | | | | | | - | | | | | | | | | | | ļ | |
| 7 | В5-С | 6.5- | 7.0' | | = | SW | | | | | | | range/Gr | | | | - | |
| 88 | | | | | | SW | \exists | | 7.5 | 9-8. Sat | | | nge/1an. ploration | | silt, wet | | } | |
| 8 | | | | - | \dashv | - | \dashv | | | | | | | | | | ŀ | |
| 9 | | | | ** | - | | | | | | | | | | | | | |
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| 11 | | | | | - | | _ | | | | | | | | | | | |
| 12 | | | | | _ | | | | | | | | | | | | | |
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| 15 | - | | | | | | - | | | | | | | | | | | |
| 16 | 1 | | | | | | | | | | | | | | | - | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe R | lig | | | | | SURFA | CE EI | EVATIO | ON: | | | | |
| TEMPORA | RY WEI | L INST | ALLEI | | No | | | | | | START | | 3: | | 12/10/2007 | , | | |
| RISER FRO |)M: | NA | TO: | NA SCREE | N FRO | M: | NA | TO: | NA | | END D | ATE: | | 12/1 | 0/2007 | | | |
| NOTES: | | | | | | | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | | | | | |

| | | | | | В | OR | ING I | LOG | ; | | | | | BORIN | G NUM | | /-C3 |
|-----------|----------------------------------|------------|------------|----------|-----------|--------------|-----------------|----------|--------------|--------------|---------|-------------------------------|----------|---------------------|---------------|--------------------|------|
| SHAW | ENV | | | | | & | PROJEC LOCAT | | US Army BRAC | | nvesti | igation | 1 | JOB NUM | BER: USACE | 124 | 976 |
| | | | | | | | CONTR | ACTO | PR: TVS | | | | l | DRILLER FIELD RE | | Accorsi Cormick | |
| | | | | SAMPL | FR | | ASING | | ORE BARREL | | | DEPT | H OF | GROUNE | WATER | | |
| | ГҮРЕ | | | robe Ma | croCore | | IDZING | | | DATE | 12/08/ | | | GROCIAL | - TOTAL DAK | | |
| | ZE (ID) ER WEI | THT | | 2" NA | | | | | | Groundwa | ater D | epth (feet): | + | | 7.0' | | |
| | MER FA | | | NA | | | | | | Groundwi | | cpui (icci). | | | | | |
| DEPTH | No. | SAN DEP | IPLE TH | | REC | -1- | USC Sym | hol | | DESCRI | PTIO | N OF MATE | ERTAI | i.s | | | PID |
| (feet) | 110. | DEI | *** | | | 1 | USC Syn | | | DESCIO | | | | | <u> </u> | | ppm |
| . 0 | | | | 1 | 100% | + | SW | | 0.5-2' Sar | d. Yellow | | 0.5' asphalt Brown, little | grave | I. brick, con | crete | ⊢ | 0.0 |
| 1 | C3-A | 0.5-1 | .0' | | | \downarrow | | | 0.0 B 041 | , | | | G | -,, • | | | |
| 2 | С3-В | 1.5-2 | 2.0' | | | + | SM | | 2-4' | Silt, Yellov | v Oliv | e Green, little | e sand | l, trace clay | | E | 0.0 |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | - - | | | | | | | | | | - | |
| 4 | | | | | 100% | 1 | SM/GI | , | | -6' Silt and | Sand | , Olive Brown | n, littl | e gravel | | | 0.0 |
| 5 | - | | | | | - - | | | | | | | | | | - | - |
| | | | | | | | | | | | | | | | | | |
| 6 | | | - | | | + | SP | - | | 6 | 5-8' Sa | and, Yellow T | an | | | ⊢ | |
| 7 | C3-C | 6.5-7 | 7.0' | _ | | 1 | | | | | | | | | | | |
| 8 | | | | | | + | | \dashv | | | End | of Exploration | n | | | F | |
| 8 | | | | | | | | | | | | - | | | | - | |
| 9 | l | | | | | - - | | | | | | | | | | F | |
| 10 | | | | | | _ | | | | | | | | | | | |
| 11 | <u> </u> | | | | | + | | | | | | | | | | <u> </u> | |
| | | | | | | 1 | | | | | | | | | | | _ |
| 12 | ├ | | | | | + | | - | | | | | | | | | |
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| 13 | | | | | | \perp | | | | | | | | | | \vdash | |
| 14 | ļ | | | | | - | | | | | | | | | | | _ |
| 15 | | | | | | # | | | | | | | | | | | |
| 16 | | | | | | + | | | | | | | | | | - | |
| DRILLING | RIG TV | PE: | Tn | ıck-mou | nted Geop | robe | Rig | | | SH | RFAC | E ELEVATI | ON: | | | | |
| TEMPORA | | | | | | No | | | | | | DATE: | | 12/8/2007 | | | |
| RISER FRO | | NA | TO: | | SCREEN | | OM: | NA | TO: NA | | D DA | | 12/8 | 3/2007 | | | |
| NOTES: | | | _ | | | | | | | | - | | \neg | | | | |
| PID mea | asuremen measured applicab | from gr | | | rvals | | | | | | | | | | | | |

| | | | | I | 3O ! | RING I | LOG | <u> </u> | | | - | I | BORIN | G NUN | | k: 257-C4 |
|-----------------|-----------------|-----------|-----------|--------------------------|--------------|---------|--------------|----------------|----------|--------------|-------------------------------|----------|-------------|----------|---------|--------------|
| SHAW | ENV | VIRC | NN | ENTAL (| <u>&</u> | PROJEC | CT: | US Army BRAC | 2005 | Site Investi | igation | J | IOB NUM | BER: | | 24976 |
| | | | | TURE | - | LOCAT | ION: | Main Post, FTM | и, N | J | | ď | CLIENT: | USA | CE | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | Ī | DRILLER | : Fran | k Accor | si |
| | | | | | | | | | | | | F | FIELD RE | P: R.M | cCormic | k |
| | nime. | | | SAMPLER | C | CASING | C | ORE BARREL | | TE 10/10 | | н оғ | GROUNI | WATE | R | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | ┝ | | | | UA DA | TE 12/10 | 07 | 1 | | | | |
| HAMMI | | | | NA | | | | | Gro | oundwater D | epth (feet): | | | 7.0' | | |
| HAMN | MER FA | | l IPLE | NA | <u> </u> | | | | | | | | | <u> </u> | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ibol | | DE | | N OF MATE | RIAL | ıs . | | | PID ppm |
| 0 | | | | 100% | _ | SM/GI | - | | 5 21 | | 0.5' asphalt d, Olive Gree | n li++1c | a graval | | | 0.0 |
| 1 | C4-A | 0.5- | 1.0' | | _ | | | | .5-5 | One and San | a, Olive Gree | ., m. | c graver | | | |
| 2 | C4-B | 1.5-2 | 2.0' | | | | | | | | | | | | | 0.0 |
| 3 | | | | | 1 | | | | | | 5' slag, asphalt | | | | | _ |
| 4 | ļ | | | | \perp | SM | | | 3.5 | -4' Sand and | Silt, Olive Gr | een/O | range | | | |
| 4 | | | | 100% | | SP | | | | 4-5' Sand, O | live Green/Lig | ght Gre | ey | | | 0.0 |
| 5 | | | | | | sw | | 5- | 6' Sa | nd, Yellow (| Orange/Grey (| Green, | little silt | | | |
| 6 | | | | | 1 | sw | | | | 6-7' | Sand, Orange | | | | | |
| 7 | C4-C | 6.5- | 7.0' | | \exists | SW | | | 7-8' S | Sand, Yellow | Orange/Tan, | little s | silt, wet | | | |
| 8 | | | | | + | | | | | End | of Exploration | n | | | | |
| 8 | | | | | 4 | - | | | | | | _ | | | | |
| 9 | | | | | \exists | | | | | | | | | | | |
| 10 | | | | | - | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | | | |
| 16 DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | prob | e Rig | | | | SURFAC | CE ELEVATION | ON: | | | | |
| TEMPORA: | | | | | No | Ū | | | | START | DATE: | | 12/10/2007 | 7 | | |
| RISER FRO | | NA | TO: | NA SCREE | N FI | ROM: | NA | TO: NA | | END DA | TE: | 12/10 | 0/2007 | | | |
| NOTES: | | | | - | | | | | | · · · | | Т | | | | - |
| PID mea | measured | l from gr | | n 6" intervals urface | | | | | | | | | | | | |

| | | | | В | ORING | LOG | <u> </u> | • | BORIN | G NUMBE | R: P57-C5 | | |
|------------------|------------------------------------|----------|------------|--------------------------|-----------------|------|--------------|---|-------------------------|-------------|---------------|--|--|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC | 2005 Site Investigation | JOB NUM CLIENT: DRILLER | USACE | 124976 | | |
| | | | | | CONTR | ACTO | OR: TVS | • | | P: R.McCorn | | | |
| | | | | SAMPLER | CASING | | ORE BARREL | | OF GROUNE | WATER | | | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/10/07' | | | - | | |
| | ER WEI | ЭНТ | | NA | | | | Groundwater Depth (feet): | | 7.5' | | | |
| HAM! | MER FAI | | | NA | | | | 3 | | _ | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | DESCRIPTION OF MATERI | ALS | | PID ppm | | |
| 0 | | | | 100% | | | | 0-0.5' asphalt | | | | | |
| 1 | C5-A | 0.5-1 | LO' | | SP SP | | | 0.5-1' Sand, Brown, little gr 1-2' Sand, Olive Green/Orange, | | | | | |
| | | | | - | | | | - | | | | | |
| 2 | C5-B | 1.5-2 | 2.0' | | SM | | | 2-4' Sand with silt, Yellow orang | e/Brown | | 0.0 | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | - | | | | | | - | | |
| 4 | | | | 100% | SW | | | 4-6' Sand, Yellow Orang | е | | 0.0 | | |
| 5 | ļ | | | | | | | | | | - | | |
| | | | | | | | | _ | | | | | |
| 6 | | | | | SP | | | low | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | C5-C | 7-7 | .5' | | sw | | | 7.5-8' Sand, Light Orange, v End of Exploration | veet | | _ | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 12 | + | | | | - | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | - | | | | | | | | | | | | |
| 15 | - | | | | | | | | | | | | |
| | | | | | | | 1 | | | | | | |
| 16 DRILLING | RIG TY | L PE: | Tn | uck-mounted Geor | orobe Rig | | l | SURFACE ELEVATION | I: | | | | |
| TEMPORA | | | | - | No | | | START DATE: | 12/10/2007 | 7 | | | |
| RISER FRO | | NA NA | TO: | na screei | | N/ | A TO: NA | | 2/10/2007 | • | | | |
| NOTES: | | | | | | | | | 1 | | | | |
| PID me Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | |

BORING NUMBER: **BORING LOG** PROJECT: JOB NUMBER: US Army BRAC 2005 Site Investigation 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: J.C SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER DATE 11/20/07' TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT Groundwater Depth (feet): 7.5' NA HAMMER FALL NA SAMPLE REC USC Symbol DESCRIPTION OF MATERIALS PID DEPTH DEPTH (feet) ppm 0-0.5' asphalt over gravel 90% 0 0.0 0.5-1' Sand, Dark Grey SP 0.5-1.0' 1-3' Sand, Brown, little gravel sw 1-A 0.0 2 1-B 1.5-2.0 SM 3-3.5' Clayey Sand, Brown 3 3.5-4' Sand with gravel, Brown SW 4 4-7.5' Sand, Brown/Grey, trace gravel 0.0 SP 90% 4 5 6 7 1-C 7-7.5' ML 7.5-8' Clayey Silt, Tan/Grey, wet 8 End of Exploration 8 9 10 11 12 12 13 14 15 SURFACE ELEVATION: DRILLING RIG TYPE: Truck-mounted Geoprobe Rig START DATE: 11/20/2007 TEMPORARY WELL INSTALLED: Yes NA TO: NA SCREEN FROM: END DATE: 11/20/2007 7' TO: 12' RISER FROM: NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | В | ORING | LOG | } | | | BORING N | | R: 269-SB-2 |
|-----------------|-------------------------------------|------------|------------|--------------------------|----------------------------|----------|--------------|-----------------------|-------------------|-------------|-----------------|----------------|
| | | | | ENTAL & | PROJE LOCAT | | US Army BRAC | | igation | | : ISACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: F | rank Acco .C | orsi |
| | | | | SAMPLER | CASING | (| ORE BARREL |] | | OF GROUNDWA | TER | _ |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | <u> </u> | | DATE 11/20 | /07' | | | |
| | ER WEI | GHT | | NA NA | | , | | Groundwater D | Depth (feet): | 7 | .5' | |
| HAM | MER FA | | | NA | | | | | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | REC | USC Syr | nbol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | Ţ | | | 70% | | | | | asphalt over gra | | | |
| Ī | 2-A | 0.5- | 1.0' | | SP | | | 0.5-3.5' San | d, Brown, trace | gravel | | 0.0 |
| | | | | | | | - | | | | | |
| 2 | 2-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | ļ | <u> </u> | | | SW | | | 3.5-4' San | d with gravel, Br | own | | |
| 4 | | | | 100% | SW | | | 4-6' Sand wi | th gravel, Light | Brown | | 0.0 |
| 5 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 6 | - | | | | . SP 6-7' Sand, Grey Brown | | | | | le silt | | |
| 7 | | | | | CL | | | ty Clay, Tan/Gre | y | | | |
| 8 | 2-C | 7-7 | .5' | | | | | wet of Exploration | | | | |
| 8 | | | | | | | | Liiu | Of Exploration | | • | |
| 9 | - | | | | | | | | | | | 1 |
| | | | | | | | | | | | | |
| 10 | 1 | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | + | | | | + | | | | | | | |
| 12 | 1 | | | | | | | | | | | |
| 13 | + | | | | - | | | • | | | | |
| | | | | | 1 | | | | | | | |
| 14 | - | | | | - | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | ļ | | | | | | | | | | |
| | יום ביום | DE. | | iok mounted C | rohe Die | | | CLIDEA | CE ELEVATION | v. | | |
| DRILLING | | | | ick-mounted Geor | _ | | | | | | | |
| TEMPORA | | | | | No | | | START | | 11/20/2007 | | |
| RISER FRO | OM: | NA . | то: | NA SCREEN | I FROM: | NA | TO: NA | END DA | ATE; | 11/20/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths | easuremen measured t applical | i from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | В | ORING | LOG | | | | | BORIN | G NUMBI | ER: P69-SB-3 |
|-----------------|--|----------|--------|----------------------|-----------|------------|-------|----------------|--------|---------------|-----------------|------------------|-------------|-----------------|
| SHAW | ENV | VIR(| ONM | ENT | AL & | PROJ | ECT: | US Army BRAC | 200 | 5 Site Invest | igation | JOB NUM | IBER: | 124976 |
| IN | VFR.A | STF | RUC | TUR | E | LOCA | TION: | Main Post, FTM | M, N | IJ | | CLIENT: | USACE | İ |
| | | | | | | - | | | | | | DRILLER | : Frank Acc | corsi |
| | | | | | | CONT | RACTO | OR: TVS | | | | FIELD RI | EP: J.C | |
| | | | | SAMPLE | ER | CASING | T (| ORE BARREL | Т | | | OF GROUN | DWATER | |
| | ΓΥΡΕ ZE (ID) | | Geop | robe Mad 2" | гоСоге | | 1- | | D/ | ATE 11/20 | /07' | 1 | | |
| HAMM | ER WEI | | | NA | | | | | Gr | oundwater D | epth (feet): | | 4.0' | |
| HAM | MER FA | | APLE | NA | | | Т. | | | | | <u>!</u> | ļ | |
| DEPTH (feet) | No. | DEP | | R | EC | USC Sy | mbol | | DI | ESCRIPTIO | ON OF MATE | RIALS | | PID ppm |
| 0 | | | | 7 | 5% | | 7 | | . 41.0 | | asphalt over gr | | | 0.0 |
| 1 | 3-A | 0.5- | 1.0 | | _ | sv | · | U. |)-4° 5 | and, Grey B | rown/Brown, li | tile gravei, wet | | 0.0 |
| 2 | 3-B | 1.5- | 2.0' | | | ļ . | | | | | | | | 0.0 |
| 3 | | - | | | | | | | | | | | | |
| 4 | 3-C | 3.5- | 4.0' | | | | | | | End | of Exploration | | | |
| | | | | | | | | | | | | | | |
| 5 | | | | | | ļ <u>-</u> | | | | | | | | |
| 6 | | | | | | 1 | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | - | | | | | - | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | 1 | | | | | | | | |
| | 1 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | + | | | | | | | | _ |
| | 1 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | - | | | | - | | | | | | | | |
| 15 | | | | _ | | 1- | | | | | | | | |
| 16 | | - | - | | | + | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-moui | nted Geop | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | LL INST | [ALLE] | D: | 1 | No | | | | START | DATE: | 11/20/200 | 7 | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | N/ | TO: N | 4 | END DA | ATE: | 11/20/2007 | | |
| NOTES: | | | | - | | | - | | | | | | | |
| Depths | asuremer measured t applical | l from g | | n 6" inter urface | vals | | | | | | | | | |

| | | | | В | ORING | LOC | <u> </u> | | | _ | BORIN | G NUMBI | | |
|-----------------|----------------|-----------|------|--------------------------|-----------|-------|--|-----|-------------|------------------------------------|---------------------|---------------|--------------------|--|
| | | | | ENTAL & | & PROJ | | US Army BRAC | | | gation | JOB NUM | BER: USACE | P69-SB-4 124976 | |
| | | | | | CONT | RACTO | OR: TVS | | | | DRILLER FIELD RE | | corsi | |
| | | - 1 | | SAMPLER | CASING | Τ (| ORE BARREL | Т | | DEPTH | OF GROUNI | WATER | | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA | TE 11/20/ | (07' | 1 | | | |
| HAMM | ER WEI | | | NA | | | | Gro | oundwater D | epth (feet): | | 9.0' | | |
| HAMN | MER FA | | PLE | NA | | | | | | | <u> </u> | <u> </u> | + | |
| DEPTH (feet) | No. | DEP | | REC | USC S | mbol | | DE | SCRIPTIO | N OF MATER | RIALS | | PID ppm | |
| 0 | | |] | 75% | S | | | | | asphalt over gra Grey Brown, tr | | | 0.0 | |
| 1 | 4-A | 0.5-1 | .0' | | | | | • | 5.5-2 Sanu, | Gicy Diown, a | acc 3in | | | |
| 2 | 4-B | 1.5-2 | 2.0' | | S | > | | | 2-4' Sano | i, Brown, little | silt | | 0.0 | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | 100% | S\ | V | 4- | | 0.0 | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | C | L | 7-8' Clay, Grey, Silt, Orange/Brown, mottled | | | | | | | |
| 8 | - | | | 50% | М | L | 8-11' Silt, Grey, wet 0.0 | | | | | | | |
| 9 | 4-C | 8.5-9 | 9.0' | | | | [] | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | - | S | V | | 11. | | gravel, Dark B of Exploration | rown, wet | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | İ | | | | | | 1 | | | | _ | | _[| |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | | SURFAC | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | Yes | | | | START | DATE: | 11/20/200 | 7 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 10 | ' TO: 15 | | END DA | ATE: | 11/20/2007 | | | |
| NOTES: | | | | | | | | | | | | | | |
| | measure | l from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORING I | LOG | } | | | BORING NUMBE | R: P76-A1 |
|-----------|------------------------|------------|------------|-----------------|---------------------------------------|------|-----------------|----------------|--|---------------------|--------------|
| | | | | | PROJEC | CT: | US Army BRAC | 005 Site Inve | estigation | JOB NUMBER: | 124976 |
| | | | | IENTAL & | & I''' | | corning Dialo | .005 5110 1117 | oongunon | | 12.570 |
| II. | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMM | , NJ | | CLIENT: USACE | |
| | | | | | | | • | | | DRILLER: Frank Acco | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank Acco | orsi |
| | | | | | | | | | | FIELD REP: R.McCorm | ick |
| | - | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH | OF GROUNDWATER | |
| | TYPE | | Geop | robe MacroCore | | | | DATE 11/ | | | |
| HAMM | ZE (ID) ER WEIG | GHT - | | 2" NA | | | | Groundwate | Depth (feet): | 12.0 | |
| | MER FAI | LL | | NA | | | * | | | | 1 |
| DEPTH | No. | SAN DEP | IPLE TH | REC | USC Syn | ıbol | | DESCRIPT | ION OF MATE | RIALS | PID |
| (feet) | | | | | | | | | | | ppm |
| 0 | Al-A | 0-0. | .5' | 100% | SM | _ | | U-1' S | Bilt and Sand, Bro | wn | 0.0 |
| 1 | | | | | sw | | | 1-2' Silt and | l Sand, Light Bro | wn/Olive | |
| 2 | A1-B | 1.5-2 | 2.0' | | ML | | 2 | 3.5' Silt with | clay, Olive Brow | n, little sand | 0.0 |
| 3 | | | | | | | | | | | |
| <u> </u> | | | | | sw | | 3. | i-4' Sand, Ye | llow/Light Brown | , trace gravel | |
| 4 | | | | 100% | SW | | 1 | S' Cand Va | llow/Light Brown | tman omisal | 0.0 |
| | | | | 10076 | 3₩ | | - T | J.J Banu, 1e | , trace graver | 0.0 | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | ļ | | | | sw | | | 6.5-8' Sand | , Olive Green, tra | ce gravel | |
| | | | | | | | | | | | |
| 8 | | | | 100% | sw | | | 8-9' Sand. | Olive Green, trac | e gravel | 0,0 |
| | | | | | | | | | | | |
| 9 | | | | | CL | | 9-10' | Silty Clay, O | range/Pale yellow | Grey, trace sand | |
| 10 | | | | | ML | | 10-12 | Silt some cla | iy, Black/Orange, | little sand, moist | |
| _ 11 | | | | | | | | | | | |
| 12 | A1-C | 11.5- | 12 0' | | | | | | | | |
| 12 | A1-0 | 11.5 | 2.0 | | SM | | | 12-15.5' \$ | Sand with silt, Bla | ck, wet | 0.0 |
| 13 | | | | | | | | | | | |
| | | | | | | | | | | | |
| 14 | | | | | | | ł | | | | |
| 15 | | | | | ~ | |] | E E 1 (1 (1) | Class Dr. J. C | | |
| 16 | | | | | CL | | | | Clay, Dark Green and of Exploration | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | SURF | ACE ELEVATION | N: | _ |
| TEMPORA | | | | | Yes | | | | T DATE: | 11/27/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | 11 | ' TO: 16' | | | 11/27/2007 | |
| | | | 10. | IVA SCREE | · · · · · · · · · · · · · · · · · · · | | | LEND | | | - |
| NOTES: | | | | | | | | | | | |
| | asuremen measured | | | n 6" intervals | | | | | • | | |
| | measureo : applicab | | ouna s | un idCC | | | | | | | |
| | | | | | | | | | | | Ï |

| | | | | E | ORING | LOG | · · · | | BORING NUMBE | ER: P76-A2 |
|-----------------|--|--------------|------------|--------------------------|---------|--------------|---------------|-----------------------------------|---------------------------|---------------|
| | | | | TENTAL & | & PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | LACT(| DR: TVS | | DRILLER: Frank Acc | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | OF GROUNDWATER | |
| | TYPE IZE (ID) | | Geor | robe MacroCore 2" | | | | DATE 11/27/07' | r- | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | 7.0' | |
| HAM | MER FA | | | NA | | L | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | I | | | 70% | SM | | | 0-1' Silt and Sand, Brov | vn | |
| 1 | A2-A | 0-0 | .5' | | SM | | : | 1-3.5' Sand with silt, Light I | Brown | 0.0 |
| 2 | A2-B | 1.5-2 | 2.0' | | - | | | | | 0.0 |
| 3 | | | | | SM | | | 3.5-4' Sand with silt, Yellow/Lig | ght Brown | |
| 4 | - | - | | 100% | SM | | | 4-4.5' Sand with silt, Yell | low | 0.0 |
| | | | | 10076 | SM | | 4.5-7' Sand w | th silt, Olive Green/Yellow Broy | | 0.0 |
| 5 | — — | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | A2-C | 6.5- | 7.0' | | SM | | 7-8' | Sand with silt, Olive Green, Yell | ow Brown, wet | |
| 8 | | | | | | | | End of Exploration | | |
| 9 | | | | | | | | | | |
| 10 | | | | - | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 12 | | | | | | | | | | <u> </u> |
| 13 | | | | • | | | | | | |
| 14 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| DRILLING | | | | uck-mounted Geop | | | | SURFACE ELEVATION | | |
| TEMPORA | RY WEL | L INST. | ALLEI |): | No | | | START DATE: | 11/27/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | V FROM: | NA | TO: NA | END DATE: 1 | 1/27/2007 | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | |

| | | | | В | ORING | LOC | Ç | | | BORING NUMBER | R: P76-A3 | | |
|-------------------------------|---------------|----------|------------|--------------------------|-----------|-----------|--|-------------------|--------------------|---------------------|--------------|--|--|
| SHAW | EN | ДРС | NIN/ | ENTAL & | PRO. | IECT: | US Army BRAC | 2005 Site Invest | tigation | | 124976 | | |
| | | | | TURE | ļ | | | | | CLIENT: USACE | | | |
| A 1. | | ~~ I AV | | 10,00 | LOC | ATION: | Main Post, FTMM | I, NJ | | | | | |
| | | | | | CON | TRACT | OR: TVS | | | DRILLER: Frank Acco | rsi | | |
| | | | | | | | | | | FIELD REP: R.McCorm | ick | | |
| | | | | SAMPLER | CASING | | CORE BARREL | | | OF GROUNDWATER | 7- | | |
| | YPE Œ (ID) | | Geop | robe MacroCore 2" | | + | | DATE 11/27 | //07' | | | | |
| HAMME | R WEI | | | NA | | | | Groundwater I | Depth (feet): | 12.0' | | | |
| HAMN | IER FAI | | IDI S | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC | ymbol | | DESCRIPTIO | ON OF MATER | NIALS | PID ppm | | |
| 0 | A 2 A | -0.0 | | 100% | S | М | | 0-1' Sil | t and Sand, Brov | vn | | | |
| 1 | A3-A | 0-0. | .3 | | S | М | 1-3' Sar | nd with silt, Oli | ve Brown/Light | Orange, hematite | 0.0 | | |
| 2 | A3-B | 1.5-2 | 2.0' | | | | ł | | | | 0.0 | | |
| | | 1,2-2 | • | | | | | | | | | | |
| 3 | | | | | _ s | М | 3-4 | Sand with silt | , Orange/Olive (| reen Yellow | | | |
| 4 | | | | 100% | | w | 4-6.5' Sand with silt, Orange/Olive Green Yellow, coal fragments | | | | | | |
| | | - | | 100% | 3 | ** | 4-0.5 Sand | will siil, Orang | GOUVE GREEN 1 | enow, coar nagments | 0.0 | | |
| 5 | | <u> </u> | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | - | : | N | <u>1L</u> | 6.5-8 | Silt, Dark Bro | wn, little sand, t | race clay, moist | | | |
| | | | | | | | 1 | | | | | | |
| 8 | | | | 100% | S | M | | , little clay | 0.0 | | | | |
| 9 | | | | | - | | - | | | <u> </u> | | | |
| | | | | 1 | Ţ., | L |] | 10.11.51.01- | u with all Oli | Grann | | | |
| 10 | | | | | | .L | 1 | 10-11.5 Cla | y with silt, Oliv | GICCII | | | |
| 11 | <u> </u> | <u> </u> | | | | M | 11. | 5-12,0' Silt and | Sand, Black, lit | tle clay, moist | <u> </u> | | |
| 12 | А3-С | 11.5- | 12.0' | | | | | | | | | | |
| 12 | | <u> </u> | | | s | M | · | 12-16' Sift and S | Sand, Black, trac | e ciay, wet | 0.0 | | |
| 13 | | | | | 1 | | - | | | | | | |
| 14 | | | | | | | 1 | | | | | | |
| 15 | | | | | - | | -[| | | | | | |
| 16 | | | _ | | | | | End | of Exploration | | | | |
| DRILLING | RIG TY | L PE: | Tr | uck-mounted Geo | probe Rig | | ı | | CE ELEVATIO | N: | | | |
| TEMPORA | | | | | Yes | | | START | DATE: | 11/27/2007 | | | |
| RISER FRO | | NA | TO: | | N FROM: | 11 | I' TO: 16' | END D | ATE: | 11/27/2007 | | | |
| NOTES: | _ | | | | | | | | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | • | | | | | | |

| | - | | | В | ORI | NG I | LOG | | | - | | | В | ORING | G NUN | | 76-A4 |
|-----------------|------------------------------------|----------|-------|---------------------------|----------|---|----------|-------------|---------|------------|----------|-------------------|---------------|-----------|------------|----------|------------|
| | | | | IENTAL & | & P | ROJEC | CT: | US Anny | BRAC | 2005 Site | Investi | gation | | B NUM | BER: | 1 | 24976 |
| II | NFKA | STR | KUC. | TURE | L | OCAT | ION: | Main Post | t, FTMN | I, NJ | | | | ULLER: | | k Accor | .i |
| | | | | | c | ONTR | АСТО | R; TV | s | | | | | ELD RE | | | |
| | | | | 243407 50 | | TNIC | | ODERIDE | | Ι | | DEPT | T OF G | DOVIND | 337 A (PP) | | |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CAS | ING | - | ORE BARR | ŒL | DATE | 11/27/ | | H OF G | ROUND | WATE | <u> </u> | |
| | ZE (ID) | 71.77 | | 2" | | | | | | C | | | - | | 8.0' | | |
| | ER WEIO MER FAI | | | NA NA | | | | | | Grounaw | vater D | epth (feet): | + | | 8.0 | | |
| | | | 1PLE | | | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | U | SC Syn | bol | | | DESCRI | IPTIO | N OF MATE | RIALS | | | | PID ppm |
| 0 | | | | 100% | | SM | _ | • | | 0- | -1' Silt | and Sand, Bro | own | | | | |
| 1 | A4-A | 0-0 | .5. | | + | SW | \dashv | | 1- | 3' Sand, L | Light B | rown, little sil | t, trace g | gravel | | - 1 | 0.0 |
| | | 1.5 | 201 | | 4 | | | | | | | | | | | | |
| 2 | A4-B | 1.5- | 2.0 | _ | + | | | | | | | | | | | 1 | 0.0 |
| 3 | | | | | | SW | | | 3 | -4' Sand, | Orange | red, little silt, | , trace gi | ravel | |] | |
| 4 | | | | | - | | | | | | | | | | | | |
| 4 | | | | 70% | | SW | | | | 4-7' | Sand, I | Light Brown/Y | Tellow | | | | 0.0 |
| 5 | | _ | | | | | | | | | | | | | | | |
| | ļ | | | | | | | | | | | | | | | | |
| 6 | | | | | + | | | | | | | | | | | | |
| 7 | | | | | | SM 7-8' Sand and Silt, Olive Brown, tra | | | | | | race clay | y, moist | | | | |
| 8 | A4-C | 7.5- | 8.0' | | + | | | | | | | | | | | | |
| 8 | | | | 100% | | CL | | | | 8- | -9' Clay | , Dark Grey, | wet | | | | |
| 9 | | | | | | CL Clay, Green, wet | | | | | | | | | | | |
| | | | | | | | | | | | | • | | | | | |
| 10 | | | | | + | | | | | | | | | | | | |
| 11 | | | | | | CL | | | 11-12' | Silty Clay | y, Oran | ge Brown/Dar | k Grey, | trace san | ıd | | |
| 12 | | | | | | | | | | | End o | of Exploration | 1 | | | | |
| 12 | | | | | | | | | | | | | | | | | |
| _ 13 | | | | | | | | | | | | | | | | | |
| 14 | | | | | - | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 15 | - | | | | - | | | | | | | | | | | | · |
| 16 | | | | | | | | | _ | 1 | | | | | | | |
| DRILLING | RIG TY | PE; | Tr | uck-mounted Geop | orobe Ri | ig | | | | st | JRFAC | E ELEVATIO | ON: | | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | | | ST | TART I | DATE: | 11. | /27/2007 | | | |
| RISER FRO | M: | NA | TO: | NA SCREE | v FRON | 1 : | NA | TO: | NA | EN | ND DA | TE: | 11/27/2 | 2007 | | | |
| NOTES: | | | | | | Ī | | | - | | | | | | | | |
| Depths 1 | asuremen measured : applicab | from gr | | a 6" intervals urface | | | | | | | | | | | | | |

| | | | | В | ORING I | LOG | | | | | | BORING | G NUMB | |
|-----------------|----------------------|--------|-------|--------------------------|-------------|----------|-----------------|--------------|----------|-------------|-------------|----------------|------------|------------|
| | | | _ | | | | | 2005 5140 | Tananti | | | IOP NUM | DED. | P76-A5 |
| SHAW | EN | /IRC | NN | ENTAL & | & PROJEC | JI: | US Army BRAC | 2005 Site | Investi | gation | | JOB NUM | BER: | 124976 |
| \mathbf{I} | VFRA | STR | UC | TURE | | TON: | 14 h . 200 41 | | | | | CLIENT: | USACE | |
| | | | | | LOCAT | ION: | Main Post, FTMN | 1, NJ | | | | ļ | | |
| | | | | | CONTR | ACTO | an- Tue | | | | | DRILLER | Frank Ac | corsi |
| | | | | | CONTR | ACTO | R: TVS | | | | | FIELD RE | P: R.McCor | mick |
| | | | | SAMPLER | CASING | С | ORE BARREL | | | DE | PTH O | F GROUND | WATER | - |
| | ГҮРЕ | | | robe MacroCore | | | | DATE | 11/27/ | | | | | |
| | ZE (ID) ER WEIC | тнг | | 2" NA | | <u> </u> | | Groundy | vater D | epth (feet) | , — — | | 5.5' | |
| | MER FAI | | | NA | | | | Orounav | vater D | cpui (icci) | _ | - | 5.5 | |
| D. WILDOWY | | | PLE | **** | 1 71000 | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ıbol | | DESCR | IPTIO: | N OF MA | TERIA | ALS | | PID ppm |
| 0 | | | 51 | 100% | SM | | | 0 | -1' Silt | and Sand, | Brown | | | |
| 1 | A5-A | 0-0. | 2. | | SW | | | 1-3 | ' Sand v | with grave | l. Orang | <u>ie</u> | | 0.0 |
| | | | | | | | | - • | | - a | , | • | | |
| 2 | A5-B | 1.5-2 | 2.0' | | - | | | | | | | | | 0.0 |
| 3 | | | | | CL | | | 3-4' Silt | y Clay, | , Dark Gre | en, little | e sand | | |
| 4 | | | _ | | - | | | | | | | | | |
| 4 | | | | 100% | CL | | 4 | l-8' Silty (| Clay, D | ark Green | , little s | and, wet | | 0.0 |
| 5 | | | | - | | | | | | | | | _ | |
| | A5-C | 5-5. | .5' | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | <u> </u> | | | | + | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 8 8 | - | | | 100% | CL | - | 8 | -10' Silty | Clav. I | Dark Green | n. little s | sand, wet | | 0.0 |
| | | | | | | | | • | • / | | | • | | |
| 9 | | | | | | | | | | | | | | |
| 10 _ | | | | | ML | | 10-12' Silt, | Light Gre | y Oran | ge/Yellow | Green, | little sand, n | nottled | |
| 11 | | | | | | | | | | | | | | <u> </u> |
| • | | | | | | | | | | | | | | |
| 12 | | | | | - | | | | End | of Explora | tion | | | |
| | | | _ | | | | | | | | | | | |
| 13 | 1 | - | | _ | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | - | | | | _ | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | | | |
| 16 | ı | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | probe Rig | | | st | URFAC | E ELEVA | ATION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | Yes | | | ST | ΓART Ι | DATE: | | 11/27/2007 | , | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 7' | TO: 12' | Eì | ND DA | TE: | 11/ | 27/2007 | | |
| NOTES: | | | | · | | | - | | | | | T | <u>.</u> | |
| | asuremen measured | | | n 6" intervals urface | | | | | | | | | | |
| NA=not | applicab | le | | | | | | | | | | | | |

| | | | | | BO | RING I | COG | , | | | BORIN | G NUMBE | ER: P76-A6 | |
|-----------------|----------------------------------|---------|------------|--------------------------|---------|---------|------|----------------|------------------|---------------------------|--------------|--|--|--|
| SHAW | EN | VIRO | ONN | ŒNTA | L & | PROJEC | CT: | US Army BRAC | 2005 S | ite Investigation | JOB NUM | BER: | 124976 | |
| | | | | TURE | | LOCAT | ION: | Main Post, FTM | M, NJ | | CLIENT: | USACE | | |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER | : Frank Acc | orsi | |
| | | | | | | CONTR | ACIO | . 1V3 | | | FIELD RE | EP: R.McCom | nick | |
| | ГҮРЕ | | | SAMPLER | | ASING | С | ORE BARREL | DAT | | OF GROUNI | OWATER | | |
| | ZE (ID) | | Geog | robe MacroC 2" | ore | | | | | | | <u> </u> | _ | |
| | ER WEIG MER FAI | | | NA NA | | - | | | Grou | ndwater Depth (feet): | | 6.0' | | |
| | | SAN | 1PLE | | | | | - | | | ·! | <u>' </u> | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | bol | | DES | CRIPTION OF MATE | RIALS | | PID ppm | |
| 0 | A6-A | 0-0 | <i>E</i> 1 | 100% | 5 | SM | | | | 0-1' Silt and Sand, Bro | wn | | 0.0 | |
| 1 | A0-A | 0-0 | | | | sw | | | 1-2. | 5' Sand with gravel, Ligh | t Orange | | 0.0 | |
| 2 | A6-B | 1.5- | 2.0' | | | | | | | | | | 0.0 | |
| 3 | | | | | | ML | | | 2.5-4 | Clayey Silt, Dark Green, | trace sand | | | |
| | | | | | | | | | | | | | | |
| 4 | | | | 100% | | CL | | | 4-7.5' (| Clay, Dark Green/Yellow | , trace sand | | 0.0 | |
| 5 | | | | | | | | | | | • | | | |
| | | | | - | | | | | | | | | | |
| 6 | A6-C | 5.5- | 6.0' | | | wet | | | | | | | | |
| 7 | | | | | | CL | | 760 | | | | | | |
| 8 | <u> </u> | | | | | CL | | 1.3-0 | n, trace sand, w | eı | | | | |
| 8 | | | | | -+ | | | | | | | | - | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | - | |
| | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | - | | - | | | | | | <u> </u> | |
| 14 | ļ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 15 | | | | | + | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted | Geoprob | e Rig | | | | SURFACE ELEVATIO | N: | | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | | START DATE: | 11/26/2007 | 7 | | |
| RISER FRO | OM: | NA | TO: | NA SC | REEN FF | ROM: | NA | TO: NA | | END DATE: | 11/26/2007 | | | |
| NOTES: | | | | | | | | ' | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | E | ORING | LOG | ; | | - | | BORIN | G NUMBE | CR: P76-A7 |
|-----------------|--|----------|------------|--------------------------|-----------|--|---------------|------------|------------------|---------------------|----------------|-------------|---------------|
| SHAW | ENV | /IRC | NN | ENTAL & | & PROJE | CT: | US Army BR | AC 20 | 05 Site Investi | gation | JOB NUM | BER: | 124976 |
| | | | | TURE | LOCAT | ION: | Main Post, Fi | 'MM, 1 | NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | | FIELD RE | P: R.McCorr | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | T | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | | ATE 11/27/ | | | | |
| HAMM | ZE (ID) ER WEIG | GHT | | NA | | | | G | roundwater D | epth (feet): | | 8.0' | |
| HAM | MER FAI | | | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syn | nbol | | D | ESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | | | | 0-1' Silt | and Sand, Brov | /n | | |
| 1 | A7-A | 0-0. | .5' | | SW | | | | 1-2' Sand, | Orange, little gr | avel | | 0.0 |
| 2 | А7-В | 1.5-2 | 2.0' | | ML | | | | 2-3.5' Silt, O | live/Brown, litt | e sand | | 0.0 |
| 3 | | | | | CL | | | 3. | .5-4' Silty Clav | y, Dark Green, l | ittle sand | | |
| 4 | | | | | | | | | | | | | |
| 4 | | | | 100% | CL | | | | 4-7' Clay w | rith silt, Green, 1 | noist | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| | | | | | 0)4 | | | 7 0 | 10.1 | | a | | |
| 7 | | | | | SM | | | 7-8 | Sift and Sand | , Yellow/Dark | arey, moist | | |
| 8 | A7-C | 7.5-8 | 3.0' | 1009/ | SP | | | 0 17 | O Cond Volto | w/Dark Grey, li | ula aile mae | | 00 |
| 8 | | | | 100% | SP | | | 8-12 | Z Sand, Yello | w/Dark Grey, ii | itie siit, wet | | 0.0 |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | End | of Exploration | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | - | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 14 | | <u> </u> | | | _ | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | - | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | orobe Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST. | ALLEI | D: | Yes | | | | START | DATE: | 11/27/2007 | | |
| RISER FRO | M; | NA | TO: | NA SCREE | N FROM: | 7' | TO: 1 | 2' | END DA | TE: | 1/27/2007 | | |
| NOTES: | • | | | | | | | | <u>.</u> | | | | |
| Depths 1 | asuremen neasured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | В | OR | UNG I | LOG | | | | | | Ī | BORIN | G I | NUME | | -A8 |
|-----------------|----------------------------------|----------|------------|---------------|-----------|----------------|-----------------|-----------|----------|---------|----------------|--------|---------------|--------|--------------------|-----|-------------------|----------|------------|
| SHAW | ENV | | | | | È | PROJEC LOCAT | | US Army | | 2005 Site Inve | estiga | ation | ¢ | OB NUM | | USACE | 124 | 976 |
| | | | | | | | CONTR | ACTO: | R: TV | rs | | | | ı | ORILLEF TELD RI | | Frank A R.McCo | | |
| | | | | SAMPL | | CA | ASING | C | ORE BARI | REL | | | | н оғ | GROUN | DWA | TER | | |
| | TYPE ZE (ID) | - | Geop | robe Ma 2" | croCore | | | | | | DATE 11/2 | 26/07 | 7' | T | | | | | |
| HAMM | ER WEI | | | NA | | | | | | | Groundwater | Dep | th (feet): | | | 3. | 5' | | |
| HAM | MER FA | | | NA | | | | | | _ | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | 1 | REC | | USC Sym | ibol | | | DESCRIPT | ION | OF MATE | RIAL | s | | | | PID ppm |
| 0 | ļ | | | 1 | 00% | | SM/GI | <u> </u> | | 0-1' Si | lt and Sand, B | Brown | n, trace grav | el, co | al fragmer | nts | 71. | T | |
| 1 | A8-A | 0-0. | .5' | | | + | sw | | | | 1-3' Sand v | vith (| gravel, Light | t Oran | ge | | | E | 0.0 |
| 2 | А8-В | 1.5-2 | 2.0' | | | ‡ | | \dashv | | | | | | | | | | þ | 0.0 |
| 3 | A8-C | 3-3. | 51 | | | - | ML | = | | 3-4' | Clayey Silt, D | ark (| Green, trace | sand, | brick, we | t | | | |
| 4 | Ao-C | 3-3. | .5 | | | \pm | • | 一 | | | En | ıd of | Exploration | | | | | 1 | |
| 4 | <u> </u> | | | | - | 4 | | | | | | | | | | | | _ | |
| 5 | | | | | | 1 | | \exists | | | | | | | | | | | |
| 6 | | | | | | - - | | | | | | | | | | | | F | |
| 7 | | | | | | # | | | | | | | | | | | | F | |
| 8 | | | | | | \pm | | | | | | | | | | | | | |
| 8 | | | | | | + | | | | | | | | | | | | - | |
| 9 | | | | | | + | | | | | | | | | | | | \vdash | |
| 10 | | | | | _ | \blacksquare | | | | | | | | | | | | - | |
| 11 | | - | | - | | - | | | | | | | | | | | | F | |
| 12 | | <u> </u> | | | | # | | = | | | | | | | | | | _ | |
| 12 | | | | | | \pm | | | | | | | | | | | | - | |
| 13 | | | | | | | | | | | | | | | | | | F | |
| 14 | | | | | | 1 | | | | | | | | | | | | | • |
| 15 | | | | | | 1 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe | Rig | | | | SURF | ACE | ELEVATIO | ON: | | | | | • |
| TEMPORA | RY WEL | L INST | ALLEI | D : | | No | | | | | STAR | T DA | ATE: | : | 1/26/200 | 7 | | | |
| RISER FRO | DM: | NA | TO: | NA | SCREEN | I FRO | OM: | NA | TO: | NA | END I | DAT | E: | 11/26 | 5/2007 | | | | |
| Depths | asuremen measured applicab | from gr | | | vals | | | | | | | | | | , - | | | | |

| | | | | В | ORING | LOG | } | | | BORIN | G NUMBE | R: P76-A9 |
|-----------------|----------------------------------|----------|-------|--------------------------|-------------|------|-----------------|-------------------------------------|--------------------------------------|--------------|-------------|--------------|
| | | | | IENTAL & | & PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | 124976 |
| 11 | NFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | | | | FIELD RE | P: R.McCorn | nick |
| | | | | SAMPLER | CASING | _ | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | - | | DATE 11/27 | /07' | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 12.0' | |
| HAMI | MER FAI | | IPLE | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | | N OF MATE | | | PID ppm |
| 0 | A9-A | 0-0 | 5' | 100% | SM | | | 0-3' Silt and | d Sand, Brown, | moist | | 0,0 |
| 1 | 117 /1 | - 00 | | | | | | | | | | |
| 2 | A9-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| | | | | | | | | | | | | |
| 3 | <u> </u> | | | | CL/SI | ? | 3-3.5 | Silty Clay with ' 3.5-4' Silty C | a sand, Dark Gro Clay, Green, tra | | : | |
| 4 | | | | | | | | | | | | |
| 4 | - | | | 100% | CL | | | 4-8' Silty C | lay, Green, trac | e sand | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 7 | | <u> </u> | | | | | | | | | | <u> </u> |
| 8 | | | | 100% | SM | | 0.5 | 2' Sand and Sil | . 0 /0! | , | | |
| | | | | 10076 | Sivi | | 0 | 2 Sand and Sir | i, Orange/Onve | Green, moist | | 0.0 |
| 9 | _ | | | | _ | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | - | | | | | | | | |
| 12 | A9-C | 11.5- | 12.0' | | | | | | | | | · |
| 12 | - | | | 100% | SM | | | 12-16' Silt an | d Sand, Dark G | rey, wet | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | • | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | \vdash | | | | | | End | of Exploration | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | Yes | | | START | | 11/27/2007 | , | |
| RISER FRO | DM: | NA | TO: | NA SCREE | N FROM: | 11' | ' TO: 16' | END DA | ATE: | 11/27/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING I | LOG | } | | | BORIN | G NUMBE | R: P76-B1 |
|-----------------|--|---------|------|--------------------------|----------|-------|--------------|------------------------------------|-------------------|----------------|-----------|--------------|
| | | | | IENTAL & | z PROJEG | | US Army BRAC | | igation | JOB NUM | BER: | 124976 |
| | | | | | CONTRA | · OTC | ND. TOTAL | | | DRILLER | Frank Acc | orsi |
| | | | | | CONTR | ACIC | OR: TVS | | | FIELD RE | P: J.C | |
| - | | | | SAMPLER | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DATE 11/21 | /0 7' | | <u> </u> | |
| HAMM | ER WEI | | | NA | | | | Groundwater D | epth (feet): | | 5.5' | |
| HAM | MER FA | | PLE | NA | | L., | | ! | | | ļ | <u> </u> |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | B1-A | 0-0 | 51 | 100% | SM SP | | 0.4 | 0-0.5' Silt à 5-1 Sand with gra | nd Sand, Dark B | | | 0.0 |
| 1 | DI-W | 0-0 | ر. | | ML | | 0 | | l' Silt, Brown | , mai, mac sut | | 5.0 |
| 2 | B1-B | 1.5-2 | 2.0' | | CL | | | 2-3' Silty Clay | , Grey Brown, tr | ace sand | | 0.0 |
| 3 | | | | | ML | | | 3-4' Clayey Sili | t, Dark Grey, tra | ce gravel | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 80% | CL | | | 4-6.5' Silty Cla | y, Dark Grey, tr | ace sand | | 0.0 |
| 5 | B1-C | | £1 | | | | | | wet | | | |
| 6 | B1-C | 5-5 | .5 | | | | | | wet | | | |
| 7 | - | | | | ML | | | 6.5-8' Silt, C | Grey Brown, trac | e sand | | |
| | ļ <u>.</u> | | | | | | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | |
| 9 | - | - | | | | | | | | | | - |
| | | | | | | _ | | | | | | |
| 10 | - | | | | | | | | | | | |
| 11 | - | | | | - | | | | | | | \vdash |
| 12 | <u> </u> | | | | | | | | | | | |
| 12 | | | | | | | | | | | | - |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | · |
| 16 | | | | | | | | | | | | |
| DŘILLING | RIG TY | PE: | Tr | uck-mounted Geop | robe Rig | | | SURFAC | CE ELEVATION | N: | | |
| TEMPORA | | | | - | No | | | START | | 11/21/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | NA | TO: NA | END DA | ATE: 1 | 1/21/2007 | | |
| NOTES: | | | | | | | | | | T | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | В | ORING I | LOG | 1 | - | | BORING NUMB | ER: P76-B2 | | |
|---|----------------------|------------|-----|---------------------------|----------|------|-------------------|------------------|--|---------------------|---------------|--|--|
| SHAW | EN | /TRC | NM | ENTAL & | PROJE | CT: | US Army BRAC | 005 Site Invest | tigation | JOB NUMBER: | 124976 | | |
| | | | | TURE | LOCAT | ION. | Main Post, FTMM | NI | | CLIENT: USACE | | | |
| | | | | | LOCAI | ion: | Mam Post, F i Min | , NJ | | DDU I ED. Essel. A. | | | |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER: Frank A | corsi | | |
| | | | | | | | | | <u>.</u> | FIELD REP: J.C | | | |
| | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | | ORE BARREL | DATE 11/21 | | OF GROUNDWATER | 1 | | |
| SI | ZE (ID) ER WEIC | - Tr | | 2" | | | | | | | | | |
| | MER FAI | LL | | NA NA | | | | Groundwater I | Jepth (feet): | 5.5' | | | |
| DEPTH | No. | SAM DEP | | REC | USC Syn | ibol | | DESCRIPTIO | ON OF MATERL | ALS | PID | | |
| (feet) | <u> </u> | _ | | 100% | ML/G | P | | 0-3.5' Silt, Li | ght Brown, trace | gravel | ppm | | |
| 1 | B2-A | 0-0. | 5' | | - | | * | | | | 0.0 | | |
| 2 | B2-B | 1.5-2 | יחי | | | | | | | | 0.0 | | |
| | DZ-D | 1.5-2 | | | | | • | | | | 0.0 | | |
| 3 | | | | | ML | _ | | | crushed concrete Silt, Dark Grey, lit | tle sand | | | |
| 4 | | | | 100% | CL/SI | , | | 4-7' Silty Cla | y and Sand, Dark | Grey | 0.0 | | |
| 5 | | | | | | | | | | | | | |
| 4 100% CL/SP 4-7' Silty Clay and Sand, Dark Grey 5 B2-C 5-5.5' wet | | | | | | | | | | | | | |
| | | | | | ML | | | | Grey Brown, trace | | | | |
| 7 | | | | | SM CL | | | 7.5-8' Silty Cla | nd Sand, Brown (y, Brown Grey, tra | | | | |
| 8 | | | - | | | | | End | of Exploration | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
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| 12 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| | | | | | | | | | | · | | | |
| 16 DRILLING | RIG TV | Þ. | Tro | ick-mounted Geor | Tohe Ric | | | CLIDEA | CE ELEVATION: | | 1 | | |
| TEMPORA | | | | | No | | | START | | 11/21/2007 | | | |
| RISER FRO | | | TO: | NA SCREE | | NA | TO: NA | END DA | | /21/2007 | | | |
| NOTES: | | | | | | | | | | 1 | | | |
| Depths i | neasured applicab | from gro | | 6" intervals | | | | | | | | | |

| | | | | | BO | RING I | LOG | | | | BORIN | G'NUMBI | ER: P76-B3 |
|-----------------|---|-----------|-------|---------------------------|-------------------|-----------------|------|-------------------------------|-----------|--------------------------------|----------------------------------|-----------------|---------------|
| | | | | IENTAL TURE | & | PROJEC LOCAT | ION: | US Army BRAC Main Post, FTMM | | Investigation | JOB NUM CLIENT: DRILLER FIELD RE | USACE Frank Acc | 124976 |
| | | | r - | 2435D4 ED | Т | ASING | | ORE BARREL | Γ | DEPART. | OF GROUNE | WATER | |
| | TYPE | | | SAMPLER robe MacroCore | | ASING | | | DATE | 11/21/07' | OF GROUND | WAIER | |
| | ZE (ID) | - | | 2" | | | | | | | | L | |
| | IER WEI MER FA | | - | NA NA | | | | | Ground | water Depth (feet): | | 3.0' | - |
| | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 1PLE | | | | | | | | 1 | | |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Sym | bol | • | DESCR | IPTION OF MATEI | UALS | | PID ppm |
| 0 | † | \vdash | - | 100% | + | ML | | | 0-3.5 | Silt, Light Brown, litt | le sand | | |
| | B3-A | 0-0 | .5' | | 1 | | | | | | | | 0.0 |
| 1 | - | | | | - | | | | | | | | <u> </u> |
| 2 | В3-В | 1.5-2 | 2.0' | | | | | | | | | | 0.0 |
| | | | | | _ | | | | | | | | |
| - 3 | B3-C | 2.5-3 | 3.0" | | | - CL | - | - 3 | :5-4"Silt | wet y Clay, Dark Grey, trae | e sand wet | | |
| 4 | | | | | | | | | | End of Exploration | | | |
| 4 | | | | | - | | | | | | | | |
| 5 | | | | | - | | | | | | | | |
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| 6 ' | + | | | | - | | | | | | | | |
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| 11 | 1 | | | | \dashv | | | | | | | | |
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| 13 | + | | | | \dashv | | | | | | | | |
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| 14 | 1 | | | | | | | | | | | | ļ |
| 15 | t | | | | | | | | | | | | |
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| 16 | DIC TY | DC. | т | unds movement C | onra ¹ | o Pia | | | | I IDEACE EL EVATIO | M· | | |
| DRILLING | | | | uck-mounted Ge | | c Kig | | | | URFACE ELEVATIO | | | |
| TEMPORA | RY WE | LL INST | ALLEI | D: | No | | | | S | TART DATE: | 11/21/2007 | | |
| RISER FR | OM: | NA | TO: | NA SCRE | EN FI | ROM: | NA | TO: NA | E | ND DATE: | 11/21/2007 | | |
| NOTES: | | | | (n * | | | | | | | | | |
| Depths | easuremen measured t applical | l from gr | | 1 6" intervals urface | | | | | | | | | |

| | | | |] | BORI | NG I | COG | } | | | BORIN | G NUMBE | CR: P76-B4 |
|------------------|------------------------------------|--------------|------|---------------------------|----------|--------|------|----------------|------------------|-------------------|------------|-------------|--|
| CICLAX | 7 23 17 | | | | _ 1 | PROJEC | CT: | US Army BRAC | 2005 Site Invest | tigation | JOB NUM | BER: | 124976 |
| | | | | IENTAL | & | | | • | | - | CLIENT: | USACE | |
| l L | NEKA | 72.1.K | KUC' | TURE | I | LOCAT | ION: | Main Post, FTM | M, NJ | | CLIENT | USACE | |
| | | | | | | | | | | | DRILLER | : Frank Acc | orsi |
| | | | | | ľ | CONTR | ACTO | OR: TVS | | | FIELD RE | EP: IC | |
| | | | _ | | | | | | , | | | | |
| | TYPE | | | SAMPLER robe MacroCore | CAS | SING | | ORE BARREL | DATE 11/21 | | OF GROUNI | OWATER | |
| SI | ZE (ID) | - | CCO | 2" | | | | | | | | | |
| | ER WEI | | | NA NA | - | | | | Groundwater I | Depth (feet): | - | 3.0' | |
| | _ | SAN | 1PLE | | · . | | | | <u> </u> | 1 | <u> </u> | | |
| DEPTH (feet) | No. | DEP | TH | REC | U | SC Syn | ibol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm |
| 0 | B4-A | | 61 | 80% | | ML | | | 0-1' Silt and Sa | nd, Brown, coal | fragment | | |
| 1 | D4-A | 0-0 | ر. | | | SP | | | 1-4' San | d, Tan, trace gra | vel | | 0.0 |
| 2 | B4-B | 1.5- | 2.0' | | _ | | | | | | | | 0.0 |
| 3 | B4-C | 2.5- | 3.0' | | | | | | | wet | | | |
| | DT-C | 2.5- | | | | | | i | | ne crushed conc | rete | | |
| 4 | | | | | + | | | - | End | of Exploration | - | | |
| | | | _ | | | | | | | | | | |
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| 11 | 1 | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |
| 12 12 | - | | | | + | | | | | | | | + |
| | | | | | | | | | | | | | |
| 13 | <u> </u> | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | - |
| 16 | 1 | - | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Тг | uck-mounted Geo | probe R | ig | | L | SURFA | CE ELEVATIO | N: | | <u> </u> |
| TEMPORA | | | | | No | | | | START | | 11/21/2003 | 7 | |
| RISER FRO | | NA NA | TO: | NA SCREE | | M: | NA | TO: NA | END DA | | 11/21/200 | • | |
| NOTES: | | | | | | - | | | 22 | | | | |
| PID me Depths | asuremen measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | BOI | RING I | OG | | | | BORING | G NUMBE | R: P76-B5 |
|-----------------|------------------------------------|---------|------------|--------------------------|--------------|---------|----------|--------------|-------------------------------------|-------------------------------|-----------------|--------------|--------------|
| | | | | IENTAL (| <u>&</u> | PROJEC | | US Army BRAC | 2005 Site Investigation | on | JOB NUMI | | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | | FIELD RE | P: R.McCormi | ick |
| | | | | SAMPLER | С | ASING | С | ORE BARREL | DATE 11/26/07' | DEPTH O | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 11/26/07 | | | | |
| HAMM | ER WEI | | | NA | | | | | Groundwater Depth | (feet): | | 3.5' | |
| HAM | MER FA | | | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | bol | | DESCRIPTION O | F MATERIA | LS | | PID ppm |
| 0 | | | | 100% | T | ML/GI | <u> </u> | 0-1' | Silt, Light Brown, litt | tle sand, trace | gravel, clay | | |
| 1 _ | B5-A | 0-0 | .5' | | <u>-</u> - | SM | | 1-3' Sand | and Silt, Olive Brow | vn Green/Oran | ige red, little | clay | 0.0 |
| 2 | В5-В | 1.5-2 | 2.0' | | # | | | | | | | | 0.0 |
| 3 | | | | | | CL | | | 3-3.25' Clay with | | | | |
| 4 | B5-C | 3-3 | .5' | • | + | · ML | _ | 3.2 | 5-4' Clayey Silt, Gree End of Ex | en/Black, trace xploration | e sand, wet | | |
| 4 | | | | - | - | | | • | 5114 VI 24 | <u></u> | | | |
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| 16 | | | | | | | | | 1 | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | prob | e Rig | | | SURFACE E | | , | | |
| TEMPORA | RY WEL | L INST | ALLE | D: | No | | | | START DAT | ΓE: | 11/26/2007 | | |
| RISER FRO | OM: | NA | то: | NA SCREE | N FR | ROM: | NA | TO: NA | END DATE: | 11/ | 26/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | a 6" intervals urface | | | | | | | | | |

| | | | | E | ORIN | G LO | G | | BORING NUMBE | CR: P76-B6 |
|-------------------------------|-----------------|---------|------------|--------------------------|-----------|------------|------------------|---|-------------------------|---------------|
| SHAW | EN | ЛRO |) NN | ENTAL & | PRO | JECT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | ĺ | CATION | : Main Post, FTM | M, NJ | CLIENT: USACE | |
| | | | | | COL | TRACT | OR: TVS | | DRILLER: Frank Acc | orsi |
| | | | | | | | | | FIELD REP: R.McCorr | nick |
| | | | | SAMPLER | CASIN | G | CORE BARREL | | H OF GROUNDWATER | ., |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/26/07' | | + |
| HAMM | ER WEIG | | | NA | | | | Groundwater Depth (feet): | 7.5' | |
| HAM | MER FAI | | i iPLE | NA | | ! | T | | | |
| DEPTH (feet) | No. | DEP | | REC | USC | Symbol | | DESCRIPTION OF MATI | ERIALS | PID ppm |
| 0 | B6-A | 0-0 | <i>-</i> ! | 100% | М | L/GP | 0-1 | Silt, Light Brown, little sand, | trace gravel, clay | |
| _1 | DO-A | 0-0 | .5 | | | SM | 1-3' San | and Silt, Olive Brown Green | Orange red, little clay | 0.0 |
| 2 | B6-B | 1.5-2 | 2.0' | | | | - - | | | 0.0 |
| 3 | | | | | | L/SP ML | - - | 3-3.25' Clay with sand, Lig 3.25-4' Clayey Silt, Green/Bla | | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | + | ML | - 4- | 8' Clayey Silt, Olive Green/Br | own, trace sand | 0.0 |
| 5 | | | | <u> </u> | | | | | | |
| 6 | | | | | | • | - - | | · · | |
| 7 | B6-C | 7-7 | 51 | | | | = - | wet | | |
| 8 | 50-0 | | | | | | - | End of Exploratio | n | |
| 8 | | | | | | | _ | | | |
| 9 | | | | | - | | - | | | |
| 10 | | | | | | | | | | |
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| 14 | | | | | | | _ | | | |
| 15 | | | | | | | - | | | |
| 16 | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geo | orobe Rig | | | SURFACE ELEVATI | ON: | |
| TEMPORA | | | | | No | | | START DATE: | 11/26/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N | IA TO: NA | END DATE: | 11/26/2007 | |
| NOTES: | _ | - | | | | | | | _ | |
| PID mea Depths 1 NA=not | neasured | from gr | | n 6" intervals urface | | | | | | |

| | | | | В | ORING I | LOG | } | ï | | BORIN | G NUMB | ER: P76-B7 |
|-----------------|--------------------------------------|----------|------|--------------------------|--|------|--------------|--|--|---------------------|---------------|---------------|
| | | | | ENTAL & | PROJE LOCAT | | US Army BRAC | 2005 Site Investiga | tion | JOB NUMI | BER: USACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER FIELD RE | Frank Ac | |
| | | _ | | SAMPLER | CASING | | ORE BARREL | Τ | DEPTH | OF GROUND | WATER | |
| | TYPE | | Geop | robe MacroCore | | - | | DATE 11/26/07 | <u>, </u> | | | |
| | IZE (ID) IER WEIG | THE | | 2" NA | | | | Groundwater Dep | th (feet): | | 4.0' | |
| | MER FA | | | NA | | | | | == (===, | | L | |
| | 1., | | IPLE | nno. | T VICE C | | | DECCRIPTION | OFMATER | TATE | | 777 |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | abol | | DESCRIPTION | OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | | | 0-2.5' Sand an | d Silt, Dark B | Brown | | |
| 1 | B7-A | 0-0 | .5' | | <u> </u> | | | | | | | 0.0 |
| | + | | | | | | | | | | | |
| 2 | B7-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | - | | | | SM ML | | 3_A! Clavey | 2.5-3.0' Silt and Silt, Dark Green, tra | | | em odor | 27.0 |
| | 1 | | | | 1411 | - | 5-4 Clayey | oni, Daix Green, at | ice sund, wei, | , strong petroit | oni odoi | 44.0 |
| 4 | В7-С | 3.5-4 | 1.0' | | | | | 5 51 61 B | 10 | | | 50.0 |
| 4 | - | - | | 100% | ML | - | 4 | 5.5' Clayey Silt, Da | irk Green, tra | ce sand, wet | | |
| 5 | 1 | | | | | | | | | | | 17.0 |
| | | | | | SM | | 5.5-8' | Silt with sand, Yell | low Orange/O | live Brown, w | et | 33.0 |
| 6 | + | | | | | - | | | | | | 7.0 |
| 7 | | | | | | | | | | | | 2.0 |
| | - | | | | | | | End of | Exploration | | | |
| 8 | <u> </u> | | | | - | | | Elia oi | Exploration | _ | | |
| | | | | | | | | | | | | |
| 9 | + | <u> </u> | | | - | | | | | | | |
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| 11 | - | <u> </u> | | | - | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | - | | ł | | | | | |
| DRILLING | G RIG TY | PE: | Τπ | ick-mounted Geor | robe Rig | | | SURFACE | ELEVATIO | N: | | • |
| TEMPORA | | | | | No | | | START DA | | 11/26/2007 | , | |
| RISER FR | | NA | TO: | | I FROM: | N.A | TO: NA | END DAT | | 1/26/2007 | | |
| NOTES: | | - | | | | | | <u> </u> | | | | |
| PID mo | easuremen measured ot applicab | from gr | | a 6" intervals urface | | | | | | | • | |

| | | | | J | BOI | RING I | LOG | | | | BORING | | R: P76-B8 |
|-------------------------------|--------------|--------|------|---------------------------|---------------------|---------|--------|-----------------|------------------|-----------------|------------------|-------------|--------------|
| SHAW | ENV | VIRO | ONN | ÆNTAL : | <u> </u> | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMBE | | 124976 |
| IN | VFRA | STF | RUC | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Accor | rsi |
| | | | | | | CONTR | ACTO | R: TVS | | | FIELD REP: | R.McCormi | ck |
| | | | | SAMPLER | C | CASING | C | ORE BARREL | | ПЕРТН | OF GROUNDW | ATER | - |
| | ГҮРЕ | | | orobe MacroCore | | | Ŭ | | DATE 11/26 | | OI GROOMBII | 7X Z Z | |
| | ZE (ID) | CITT | - | 2" | | | | | C | 1 (0) | | | |
| HAMM HAMI | MER FA | | - | NA NA | ╁ | | | | Groundwater I | Jepth (feet); | | 7.5' | |
| | | | APLE | | | | | | 1 | | | | |
| DEPTH (feet) | No. | DEP | | REC | \prod | USC Sym | bol | _: | | ON OF MATER | | | PID ppm |
| 0 | B8-A | 0-0 | . 51 | 100% | \dashv | SM | | | 0-1' Sile | and Sand, Brov | /n | | <u> </u> |
| 1 | D0-A | 0-0 | | | \Rightarrow | SM | | | 1-4' Clayey S | and, Light Brow | n/Olive | | 0.0 |
| 2 | В8-В | 1.5- | 2.0' | | # | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| | | | | | \rightrightarrows | | | | | | | | |
| 4 | | | | 100% | \dashv | ML | | 4-8' Clay | ey Silt, Olive G | reen/Orange Rec | Brown, trace san | ıd | 0.0 |
| 5 | | | | | _ | | | - | | - | | | |
| | | | | | \dashv | | | | | | | | - |
| 6 | | | | | \Box | | | | | | | | |
| 7 | ├ | | | | + | | | | | | | | |
| | B8-C | 7-7 | '.5' | | \dashv | | \neg | | | wet | | | |
| 8 | | | | | \dashv | | | | End | of Exploration | | | <u> </u> |
| 8 | ├ | | | - | + | | | | | | | | |
| - 9 | | | | | _ | | | | | | | | |
| 10 | | | | | 士 | | | | | | | | |
| 11 | ├ | | | | | | | | | | | | |
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| 12 | | | _ | | \Box | | | | | | | | |
| 12 | | - | | - | \dashv | | | | | | | | |
| 13 | | | | | 士 | | | | | | | | |
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| 14 | | | | | \dashv | | - | | | | | | |
| 15 | <u> </u> | | | | = | | | | | | | | |
| 16 | ļ | | | | \dashv | | , | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | prob | e Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | START | DATE: | 11/26/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FR | ROM: | NA | TO: NA | END DA | ATE: 1 | 1/26/2007 | | |
| NOTES: | | | | · · · | | | | | <u> </u> | _ | | | |
| PID me: Depths i NA≕not | measured | from g | | n 6" intervals surface | | | | | | | | | |

| | | | | <u> </u> | ВО | RING I | LOG | | - | | BORIN | G NUMBE | R: P76-B9 |
|---------------------|----------------------------------|-----------|----------|-------------------------|-----------|-----------------|------|--------------|-------|------------------------------|--------------------|---------------|--------------|
| SHAW | | | | ENTA | L & | PROJEC LOCAT | | US Army BRAC | | Site Investigation | JOB NUM CLIENT: | BER: USACE | 124976 |
| • | | | | | | | | | | | DRILLER | Frank Acco | rsi |
| | | | | | | CONTR | ACTO | R: TVS | | | FIELD RE | P: R.McCorm | ick |
| | _ | | 5 | SAMPLER | | CASING | C | ORE BARREL | Π | DEPTH | OF GROUND | WATER | |
| | TYPE | | Geop | robe Macro | Core | | | | DA | TE 11/26/07' | | | |
| HAMMI | ZE (ID) ER WEIG | ЭНТ | | 2" NA | | | | | Gro | oundwater Depth (feet): | | 6.0' | |
| | MER FAI | | | NA | | | | | | | | <u> </u> | |
| | 1 | | IPLE | | ~ | ***** | | | | | *** | | NID. |
| DEPTH (feet) | No. | DEP | TH | REC | ا ' | USC Syn | IPOI | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | Ĺ | | | 1009 | 6 | SM/GI | ? | | 0-1 | ' Silt and Sand, Brown, trac | e gravel | | |
| 1 . | B9-A | 0-0. | .5' | | | SM/GI | , | 1. | 3' 52 | nd with silt, Orange Brown, | little aravel | | 0.0 |
| | | | | | | 51.12 (3 | | • | J 04 | na wan sin, orange Drown | , maio graves | | |
| 2 | В9-В | 1.5-2 | 2.0' | | | | | | | | | | 0.0 |
| 3 | - | | | | | SM | | | | 3-4' Clayey Sand, Dark G | reen | | |
| | | | | | | | | | | | | | |
| 4 | | | | 1000 | , | SW | | 4 T Cand | Dod | Green/Light Yellow, little | araval little sil | t wat | 0.0 |
| 4 | | | | 1009 | /0 | SW | | 4-7 Saild, | Dan | Green/Light Tenow, Intie | graver, mue su | i, wei | |
| 5 | | | | | | | | | | | | | |
| 6 | B9-C | 5.5-0 | 5.02 | | | | - | | | | | | ļ |
| | B3-C | | 3.0 | | | | | | | | | | |
| 7 | | | | | | CL | | 7- | 8' Si | lty Clay, Olive Brown/Gree | n, trace sand | | |
| 8 | | - | | | | | | | | End of Exploration | | | - |
| 8_ | | | | | | | | | | • | | • | |
| 9 | <u> </u> | _ | | | | | | | | | | | _ |
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| 12 12 | <u> </u> | <u> </u> | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounte | d Geoprol | e Rig | | | | SURFACE ELEVATION | N: | , | |
| TEMPORA | RY WEI | L INST | ALLEI |): | No | | | | | START DATE: | 11/26/2007 | | , |
| RISER FRO | | NA | то: | | CREEN F | ROM: | NA | TO: NA | | END DATE: | 1/26/2007 | | |
| NOTES: | | | | | | | | | ' | | T | | |
| PID mea Depths 1 | asuremen measured applicab | l from gr | | n 6" interval urface | s | | | | | | | | |

| | | | | I | BORING | LOG | ; | | | BORING | S NUMBE | R: P76-C1 |
|-----------------|------------------------------------|----------|--------|--------------------------|--------------|----------|-----------------|--|--------------|-------------|---------------|---------------|
| SHAW | ENV | VIRC | NN | ŒNTAL (| & PROJE | CT: | US Anny BRAC | 2005 Site Investigation | - | JOB NUME | BER: | 124976 |
| | | | | TURE | LOCAT | TON: | Main Post, FTMN | 1, NJ | | CLIENT: | USACE | |
| | | | | | CONTR | мет | OR: TVS | | | DRILLER: | Frank Acc | orsi |
| | | | | | | .AC. | JK: 145 | | | FIELD REI | P: R.McCorn | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | ЕРТН О | F GROUND | WATER | _ |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/28/07' | T | - | | |
| | ER WEIG | | | NA NA | | | | Groundwater Depth (fee | t): | | 5. <i>5</i> ' | |
| HAM | MEK FAI | | IPLE | NA | | <u> </u> | I | <u> </u> | | | | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | | | DESCRIPTION OF M | | | | PID ppm |
| 0 | C1-A | 0-0 | 1.51 | 100% | SM | | | 0-1.5' Silt and Sand, | Dark Bro | wn | | 0.0 |
| 1 | | | | | | | 1 | | | | | |
| 2 | C1-B | 1.5-2 | 2.0' | | SM | | | 1.5-2.5' Clayey Sand, .5-3.5' Sand with silt, Ora | | | | 0.0 |
| 3 _ | | | | | | | } | | - | • | | |
| 4 | | <u> </u> | | ļ | CL | | | 3.5-4'Silty Clay, Dark | Green, n | noist | | |
| 4 | | | | 80% | CL | | | 4-5' Silty Clay, Dark | Green, m | oist | | 0.0 |
| 5 | | \vdash | | | SM | | 5-7 | " Sand with silt, Light Br | own, trac | e clay, wet | | |
| 6 | C1-C | 5-5 | .5' | | | _ | | | | | | |
| | | | | | | | _ | | | | | |
| 7 | - | | | | SM | | 7- 1 | 8' Silt with sand, Olive G | reen, little | e clay, wet | | |
| 8 | \blacksquare | | | | | | | End of Explor | ration | | | |
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| 9 | | - | | <u>-</u> | | | | | | | | |
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| 14 | | | | | | | 1 | | | | | |
| 15 | | | | | | | | | | | | |
| | | | = | | | |] | | | | | |
| 16 DRILLING | RIG TY | L PE: | Tn | uck-mounted Geo | probe Rig | | l, | SURFACE ELEV | ATION: | | | |
| TEMPORA | | | | | No | | | START DATE: | | 11/28/2007 | | |
| RISER FRO | | NA | TO: | na scree | | NA | A TO: NA | END DATE: | 11/ | 28/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| PID mea | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | E | ORIN | G L |)G | | | | BORIN | G NUMBI | ER: P76-C2 |
|-----------|------------------------------------|------------|------------|--------------------------|-----------|-------|--|--------------|--------------|---------------------|-------------------|---------------------|---------------|
| | | | | IENTAL & | & PR | ОЈЕСТ | US. | Army BRAC | 2005 Site In | nvestigation | JOB NUM | BER: | 124976 |
| 11 | TIMA | MT CIT | ··· | IURE | LO | CATIO | N: Mai | n Post, FTMN | I, NJ | | DRILLER | : Frank Acc | corsi |
| | | | | | co | NTRAG | CTOR: | TVS | | | ŀ | с Р: R.МсСоп | |
| | | | <u> </u> | SAMPLER | CASIN | G | CORE | BARREL | <u> </u> | DEPTI | H OF GROUNI | OWATER | |
| | TYPE | | | robe MacroCore | | | - | | DATE 1 | | | | |
| | ZE (ID) ER WEIG | GHT | | 2" NA | | | | - | Groundwa | ter Depth (feet): | | 7.51 | |
| | MER FA | | | NA | | | | | | | | | |
| DEPTH | No. | SAN DEP | IPLE TU | REC | TISC | Symbo | , | | DESCRIP | TION OF MATE | PIAIS | | PID |
| (feet) | 140. | DEF | In | | USC | Symbo | <u>' </u> | | | | | | ppm |
| 0 | CO 4 | - 00 | - | 100% | | SM | _ | | 0-1 | 'Silt and Sand, Bro | own | | 0.0 |
| 1 | C2-A | 0-0 | .3 | | | SM | - | | 1-3' Sand a | and Silt, Yellow/Gr | rey Orange | | 0.0 |
| | | | | | | | | | | | | | 0.0 |
| 2 | C2-B | 1.5-2 | 2.0 | | | | _ | | | | | | 0.0 |
| 3 | | | | | | SM | _ | 3-4' Sil | with sand, | Orange Red/Dark | Brown, trace gra | vel | |
| 4 | | | | | - | | | | | | | | |
| 4 | | | | 80% | | SP | | | 4-5.5' Sand | i, Yellow Orange/C | Olive Green | | 0.0 |
| | <u> </u> | | | | - | | _ | | | | | | |
| | | | | | _ | CL | | 5.5-7.5 | Silty Clay, | Brown/Olive Gree | n, little sand, m | oist | |
| 6 | | | | | | | _ | | | | | | |
| 7 | 1 | | | | - | | | | | | | | |
| | C2-C | 7-7 | .5' | | | SM | | 7.5- | | silt, Black/Orange | | | |
| <u>8</u> | <u> </u> | - | | | | | +- | | | End of Exploration | 1 | | + |
| | | | | | | | コ | | | | | | |
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| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe Rig | | | | SUI | RFACE ELEVATION | ON: | | |
| TEMPORA | RY WEI | LL INST | ALLE | D: | No | | | | STA | ART DATE: | 11/28/200 | 7 | |
| RISER FRO | OM: | NA | то: | NA SCREE | N FROM: | | NA TO | : NA | ENI | D DATE: | 11/28/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremer measured t applicat | l from gr | | n 6" intervals urface | | | | | | | | | |

| | | | _ | | OR | ING I | OG | | | | BORIN | G NUMBE | R: P76-C3 |
|-----------------|----------------------------------|--|------|--------------------------|---------|---------|----------|-----------------|------------------|------------------|-------------------|-------------|--------------|
| | | | | IENTAL & | & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | 124976 |
| II | NFKA | 72.1.8 | (UC | TURE | 1 | LOCAT | ION: | Main Post, FTMN | í, NJ | | DRILLER | | |
| | | | | | ľ | CONTR | АСТО | R: TVS | | | | P: R.McCorm | |
| | | | - | SAMPLER | CA | SING | С | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroCore | | | | Bi Biras | DATE 11/28 | | <u></u> | | |
| | ZE (ID) ER WEI0 | GHT | | 2" NA | | | | | Groundwater D | enth (feet): | | 4.0' | |
| | MER FA | | | NA | | | | | O'CUMUNIUM 2 | cpiii (icciji | | | |
| D. F. D. F. L. | la · | | IPLE | 770 | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | ۱ ا | JSC Sym | bol | | DESCRIPTIO | ON OF MATE | RIALS | | PID ppm |
| 0 | | | | 100% | | ML/SI | | | 0-1' Silt, | Brown, little sa | and | | |
| 1 | C3-A | 0-0 | .5' | | | ML/SI | - | | 1-2.5' Silt. L | ight Orange, lit | tle sand | | 0.0 |
| | | | | | | | | | 1 2.0 0, 2 | .g Orango, m | build | | |
| 2 | C3-B | 1.5-2 | 2.0' | | + | SP | - | 25.4 | Sand with grave | al Oliva Prouve | troso alay wa | | 0.0 |
| 3 | | | | | | - 51 | | 2.5-4 | Dana with grav | ci, Olive Blowi | i, iracc ciay, we | • | |
| 4 | C3-C | 3.5-4 | 1.0' | | - - | | | | | | | | |
| 4 | C3-C | 3.5- | 1.0 | 100% | + | SP | | | 4-6' Sand | , Olive Brown, | wet | | 0.0 |
| | | | | | | | | | | | | | |
| 5 | | | | | | | -i | | | | | | |
| 6 | | | | | | SM | | | 6-8' Clay, Yello | ow Green, little | sand, wet | | |
| 7 | | <u> </u> | | | + | | | | | | | | |
| | | | | | | | | | | | | | |
| 8 | | | | | + | | - | | End | of Exploration | | | |
| | 1 | | | | | | | | | | | | |
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| 15 | 1 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geop | orobe R | Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST. | ALLE | D; | No | | | | START | DATE: | 11/28/2007 | | ,, |
| RISER FRO | M: | NA | TO: | NA SCREE | 1 FRO | M: | NA | TO: NA | END DA | TE: | 11/28/2007 | | ,, |
| NOTES: | _ | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

BORING NUMBER: **BORING LOG** P76-C4 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE INFRASTRUCTURE LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R.McCormick SAMPLER DEPTH OF GROUNDWATER CORE BARREL CASING DATE 11/28/07 TYPE Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 4 0' HAMMER FALL NA SAMPLE DEPTH No. DEPTH REC USC Symbol DESCRIPTION OF MATERIALS (feet) 0-1' Silt, Brown, little sand 100% ML/SP 0 0.0 C4-A 0-0.5' SM 1-4' Sand with silt, Light Brown, moist, asphalt 2 C4-B 1.5-2.0 0.0 3 C4-C 3.5-4.0 100% SM 4-6.5' Sand and Silt, Orange/Olive Brown, wet 0.0 4 5 6 CL 6.5-8' Silty Clay, Dark Greeen, wet 7 9.0 26.0 100% CL 8-11.5' Silty Clay, Dark Greeen, wet 55.0 8 C4-D 7.5-8.5' 9.0 26.0 10 3.5 4.0 11 1.0 SM 11.5-12' Silt and Sand, Tan, wet 12 End of Exploration 12 13 14 15 16 DRILLING RIG TYPE: Truck-mounted Geoprobe Rig SURFACE ELEVATION: START DATE: 11/28/2007 TEMPORARY WELL INSTALLED: No RISER FROM: NA TO: NA SCREEN FROM: NA TO: NA END DATE: 11/28/2007 NOTES: PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | | | SOF | UNG I | LOG | ; | | | BORIN | G NUMBE | R: P76-C5 |
|-----------------|------------------------|-----------|------------|-----------------|--------------|---------|------|----------------|------------------|--------------------|------------|-------------|--------------|
| CTLAN | | | | | _ | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TENTAL O | & | | | , | | -5 | | | |
| 1 | NFKA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTM | M, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER | : Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | | | |
| | | | | | | | | | | | FIELD RE | P: R.McCorm | пск |
| | TYPE | | | SAMPLER | C/ | ASING | | ORE BARREL | 7.177 | | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geog | 2" | | | | | DATE 11/28 | /07' | | | 1 |
| | IER WEIG | | | NA NA | | | | | Groundwater I | epth (feet): | _ | 3.5' | |
| | IVIER PA | | PLE | NA . | ! | | Ь | | <u> </u> | | | L. | |
| DEPTH (feet) | No. | DEP | | REC | | USC Syn | bol | | DESCRIPTIO | N OF MATERI | ALS | | PID ppm |
| 0 | C5-A | 0-0. | <i>5</i> 1 | 80% | \Box | ML/SI | , | | 0-1' Silt, | Brown, little san | d | | |
| 1 | CJ-A | 0-0. | | | 士 | SW | | | 1-4' Sand, Oliv | e Brown, little si | lt, moist | | 0.0 |
| 2 | C5-B | 1.5-2 | 2.0' | | - | | | | | | | | 0.0 |
| | 1002 | | | | | | | | | | | | 0.0 |
| 3 | C5-C | 3-3. | .5' | | - | | | | | wet | | | |
| 4 4 | | | | 1000/ | | GW | | | 4.00.0 | | | | |
| 4 | <u> </u> | | | 100% | | SW | | | 4-7 Sand, Oli | ve Brown, little s | ilt, wet | | 0.0 |
| 5 | _ | | | | - | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | + | | | | - | SM | | | 7-8' Clay and S | and, Olive Brow | n/Green | | |
| | | | | .,, | | | | | _ | | 0.00 | | |
| 8 8 | | | | | \pm | | | | End | of Exploration | | | - |
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| 15 | | | | | \pm | | | | | | | | |
| 16 | J | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | SURFAC | CE ELEVATION | : | | |
| TEMPORA | ARY WEL | L INST | ALLE | D: | No | | | | START | DATE: | 11/28/2007 | , | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | END DA | ATE: 11 | /28/2007 | | |
| NOTES: | | | | | | | | | | | 1 | | |
| PID me | asuremen | ts were t | aken is | 1 6" intervals | | | | | | | 1 | | |
| | measured t applicab | _ | ound s | urface | | | | | | | 1 | | |
| 173-10 | т аррисао | | | | | | | | | | | | |
| L | | | | | | | | | | | | | |

| | | | | | В | ORING I | LOG | } | | | BORIN | G NUME | BER: P76-C6 |
|------------------|--------------------------------------|-----------|-------|---------|-----------|-----------------|------|--------------|-----------------|-------------------|---------------------|---------------|----------------|
| SHAV | V ENV | | | | | PROJEC LOCAT | | US Army BRAC | | tigation | JOB NUM | BER: USACE | 124976 |
| | | | | | | CONTR | ACTO | PR: TVS | | | DRILLER FIELD RE | : Frank A | |
| | | | | SAMPL | ER | CASING | С | ORE BARREL | | | H OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | robe Ma | croCore | | ļ | | DATE 11/28 | 3/07' | | | |
| | ER WEI | ЭНТ | | NA | | | | | Groundwater I | Depth (feet): | 1 | 3.0' | |
| | MER FA | | | NA | | | İ | | | ľ | | | |
| DEPTH | No. | SAN | THE | | REC | USC Syn | lode | | DESCRIPTION | N OF MATE | RIALS | | PID |
| (feet) | 110. | DEI | 111 | | | <u> </u> | | | | | | | ppm |
| 0 | C6-A | 0-0 | 5' | 1 | 00% | ML/G | P | | 0-1' Silt, Brow | n, little sand, t | race gravel | | 0.0 |
| 1 | CU-A | 0-0 | | | | SP | | | 1-4' Sand, Ol | ive Brown, litt | le silt,wet | | 0.0 |
| | 26.5 | | | | | | = | | | | | | |
| 2 | C6-B | 1.5- | 2.U' | | | | | | | | | | 0.0 |
| 3 | C6-C | 2.5- | 3.0' | | | | | | | wet | | | |
| 4 | - | | | | | | | | C. 4 | of Exploration | | | <u> </u> |
| 4 | | | | | | · | | | Ellu | Of Exploration | <u>'</u> | | - |
| | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | <u> </u> |
| 6 | | | | | | | | | | | | | |
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| 7 | 1 | | | | | | | | | | | | |
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| 10 | 1 | | | | | - | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| 15 | _ | <u> </u> | | | | + | | | | | | | |
| 13 | + | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mou | nted Geop | robe Rig | | | SURFA | CE ELEVATI | ON: | | |
| TEMPOR/ | ARY WEI | L INST | ALLEI |): | ì | No | | | START | DATE: | 11/28/2007 | , | |
| RISER FR | | NA | TO: | | SCREEN | FROM: | NA | TO: NA | END DA | ATE: | 11/28/2007 | | |
| NOTES: | | | | | <u> </u> | | | | | | | | |
| PID me Depths | easuremen measured et applicab | l from gi | | | vals | | | | | | | | |

| _ | | | | | В | ORING I | LOG | ; | | | BORING NUMBE | P76-C7 |
|-------------------------------|-----------------|------------|----------|-----------------------|------------|--------------|------|----------------|-----|----------------------------------|------------------------------|-------------|
| SHAW | | | | IENT TUR | | | | | | 005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | _ | LOCAT | | Main Post, FTM | M, | ŊJ | DRILLER: Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP: R.McCorr | nick |
| | | | | SAMPLE | | CASING | (| ORE BARREL | Ι | | F GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe Mad | roCore | | | | _[| DATE 11/28/07' | | |
| HAMM | | GHT | ! | NA | | | | | - | Groundwater Depth (feet): | 3.5' | |
| | MER FAI | LL | | NA | | | | | | | | |
| DEPTH | No. | SAM DEP | IPLE | | EC | 1150 5 | | | | DECORPOSION OF MARRIED | T.C. | |
| (feet) | 140. | DEF | и | К | EC | USC Syn | IDOI | | | DESCRIPTION OF MATERIA | LS | PID ppm |
| 0 | | | | 10 | 00% | SM | | 17 | | 0-1' Sand and Silt, Brown | | |
| I | C7-A | 0-0 | .51 | | | SM | | | ا4_ | Sand and Silt, Olive Brown, trac | e clay wet | 0.0 |
| • | | | | | | - SW | | ` | | Sand and Sin, Office Brown, trac | e clay,wei | |
| 2 | С7-В | 1,5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | - | | | | | - | | | | | | |
| | C7-C | 3-3. | .5' | | | | | | | wet | | |
| 4 | | | | | | | | | | End of Exploration | ·· | |
| | | | | | | 1 | | | | | | - |
| 5 | | | | | | | | | | | | |
| 6 | <u> </u> | | | | | | | | | | | |
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| 14 | <u> </u> | | | | | | | | | | | |
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| 15 | | | | | • | | | | | | | |
| 16 | | | | | | | | | | | | |
| | DIO : | L | | 1 | . 16 | · »· | | 1 | | 01 mm 1 07 | | |
| DRILLING | KIG TYI | PE: | Tn | ick-moun | ited Geopi | obe Rig | | | | SURFACE ELEVATION: | | |
| TEMPORA | RY WEL | L INST. | ALLEI | D : | Ŋ | lo | | | | START DATE: | 11/28/2007 | |
| RISER FRO | M: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | | END DATE: 11/ | 28/2007 | |
| NOTES: | | | | | | | - | | | | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" înterv urface | vals | | | | | | | |

| | | | | В | ORIN | G LO |)G | | · · · · · · · · · · · · · · · · · · · | BORING | G NUMBE | R: P76-C7 |
|-------------------------------|----------------|--------------|--------------|--------------------------|---------------|--------|-------------|-----|---------------------------------------|-------------------------|------------|--------------|
| | | | | IENTAL & | ٤ | OJECT: | • | | Site Investigation | JOB NUMI | | 124976 |
| | | | | | со | NTRAC | TOR: TVS | | | DRILLER | Frank Acco | |
| - | | | , | SAMPLER | CASIN | G | CORE BARREL | Т | DEPTH | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DA' | TE 11/28/07' | | | |
| HAMMI | ER WEIG | | | NA NA | | | | Gro | undwater Depth (feet): | | 3.0' | |
| HAMN | MER FAI | | (DLD | NA | | | | 1 | | | <u> </u> | |
| DEPTH (feet) | No. | DEP | TH | REC | usc | Symbol | | DE | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | G0 A | - 0.0 | | 100% | N | IL/SP | _ | | 0-1' Silt, Brown, little sa | nd | | |
| 1 | C8-A | 0-0 | .5 | | | SM | | 1 | 4' Sand with silt, Olive Bro | wn/Tan | | 0.0 |
| 2 | C8-B | 1.5- | 2 ()' | | | | _ | | | | | 0.0 |
| | | | | | | | | | | | | |
| 3 | C8-C | 2.5-3 | 3.0' | | + | | | | wet | | | |
| 4 | | | | | _ | | | | End of Exploration | | | |
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| 5 | | | | | - | | _ | | | | | |
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| 16 | | | | | | | | | | | | 1 |
| DRILLING | | | | ick-mounted Geor | | | | | SURFACE ELEVATION | | | |
| TEMPORAL RISER FRO | | L INST NA | ALLEI TO: | D: NA SCREEI | No V FROM: | 1 | NA TO: NA | | START DATE: END DATE: | 11/28/2007 1/28/2007 | | |
| | | | | bottle | | | | | | | - | |
| PID mea Depths n NA=not | neasured | from gr | | ı 6" intervals ırface | | | | | | <u> </u> | | |

| | | | | | ВО | RING I | LOG | | | | BORIN | G NUMBE | R: P76-C9 |
|-----------------|------------------------------------|---------|-------|--------------------------|------------|-------------|----------|------------|---------|------------------------------|-----------------|--------------|--------------|
| SHAW | / ENY | JTR(| | ŒNTA | —— T. & | PROJEC | CT: | US Army B | BRAC 20 | 05 Site Investigation | JOB NUM | | 124976 |
| | | | | TURE | LŒ | LOCAT | ION: | Main Post, | FTMM, | NJ | CLIENT: | USACE | |
| | | | | | | CONTR | АСТО | R: TVS | | | DRILLER | : Frank Acco | orși |
| | | | | | | | | | | | FIELD RE | P: R.McCorm | ick |
| | | | | SAMPLER | | CASING | С | ORE BARRE | | | H OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | orobe MacroC 2" | ore | | | | | PATE 11/28/07' | | | |
| HAMM | ER WEI | | | NA | | | | | G | roundwater Depth (feet): | | 5.5' | |
| HAM | MER FAI | | APLE | NA | | | 1 | | | | | <u> </u> | ┿──┤ |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | bol | | D | DESCRIPTION OF MAT | | | PID |
| 0 | C9-A | 0-0 | 51 | 100% | , | ML/SI | · - | | | 0-1' Silt, Brown, little | sand | | 0.0 |
| 1 | C9-A | 0-0 | .5 | | | SM | | | | 1-3' Sand with silt, Olive E | rown/Tan | | 0.0 |
| 2 | С9-В | 1.5-2 | 2,0' | | | | | | | | | | 0.0 |
| 3 | | | | | | SW | | | 3- | 4' Sand, Orange/Olive Bro | wn, little silt | | |
| 4 | | | | | | | - | | | | | | |
| 4 | | | | 100% | , | SW | | | 4- | -8' Sand, Orange/Olive Bro | wn, little silt | | 0.0 |
| 5 | _ | | | | | | \dashv | | | | | | |
| | C9-C | 5-5 | .5' | | | | | | | wet | | | |
| 6 | | | | - | | | | | | | | | |
| 7 ' | | | | | | | | | | | | | |
| 8 | | | | | | | | | | End of Exploratio | n ' | | |
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| 13 | | | | | | | | | | | | | |
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| 14 | <u> </u> | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | İ | | | | 1 | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted | Geoprol | be Rig | | | | SURFACE ELEVAT | ON: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | , | | | | START DATE: | 11/28/2007 | | |
| RISER FRO | M: | NA | то: | NA SC | REEN F | ROM: | NA | TO: | NA | END DATE: | 11/28/2007 | | |
| NOTES: | | | | _ | | | | | | - ' | | | |
| Depths i | asuremen measured : applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING | LOG | | | | | BORIN | G NUMBI | ER: P76-SB-1 |
|-----------------|------------------------|---------|-------|--------------------------|-------------|------|---------------------------------------|--------|--------------|------------------|-------------------------|--------------|--|
| | | | | IENTAL & | PROJE LOCAT | ION: | US Army BRAC Main Post, FTM OR: TVS | | Site Investi | igation | JOB NUM CLIENT: DRILLER | USĄCE | 124976 |
| | | | | | | | | | | | FIELD RE | EP: K.Gerdes | |
| | | | | SAMPLER | CASING | C | ORE BARREL | | | | OF GROUNI | OWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DAT | E 01/17 | /08' | Γ | | |
| HAMM | ER WEIC | | | NA NA | | | | Grou | ndwater D | epth (feet): | | 4.0' | |
| HAMI | MER FAI | | IPLE | NA | | 1 | | 1 | | | | 1 | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | DES | CRIPTIO | N OF MATE | RIALS | | PID ppm |
| 0 | | | | 75% | ML/S | Р | | 0-1 | Silt, Dark | Brown, little s | and,clay | | |
| 1 | SB-1-A | 0-0. | .5, | - | ML | | | | 1-2' Silt | with clay, Brow | wn | | 0.0 |
| 2 | SB-1-B | 1.5-2 | 2.0' | | SM | | 1 | | 2-4' Silt | with sand, mott | led | | . 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | SB1-C | 3.5-4 | i.0' | | | | | | | wet | | | |
| 4 | | | | 80% | SM | | | | 4-5' Silt | with sand, mott | iled | | 0.0 |
| 5 | | | | | SP | | | | 5-6' Sand, | Orange/Brown | , wet | | |
| 6 | | | - | | SM | | | 6-8' (| Clayey San | d and silt, Brov | vn/Orange | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | End | of Exploration | | | |
| . 8 | | | | | - | | | | | | | | |
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| 16 | | | | _ | | | | | | | | - | |
| DRILLING | RIG TYI | È: | Tn | ick-mounted Geor | robe Rig | | | | SURFAC | CE ELEVATIO | N: | | İ |
| TEMPORA | RY WEL | L INST. | ALLEI |): | Yes | | | | START | DATE: | 1/17/2008 | | |
| RISER FRO | M: | NA | TO: | NA SCREEN | FROM: | 2' | TO: 12' | | END DA | TE: | 1/17/2008 | | j |
| NOTES: | | | | | | | | | | | | | |
| Depths r | neasured applicable | from gr | | ı 6" intervals ırface | | | | | | | | | |

| | _ | | | | В | OF | RING I | LOG | | | | _ | | | BORIN | G NUMB | ER: P76-SB | 2 |
|-------------------------------|-----------------|---------|-------|-----------------|-----------|-------|---------|----------|----------|----------|----------------|-------------|----------------|------|-----------|-------------|---------------|------------|
| SHAW | | | | | | & | PROJEC | CT: | US Army | BRAC | 2005 Site Inv | estig | gation | - | JOB NUM | | 124976 | |
| IN | NFRA | STF | RUC | TUR | E | | LOCAT | ION: | Main Pos | st, FTMM | I, NJ | | | | CLIENT: | USACE | | _ |
| | | | | | | | CONTR | АСТО | R: TV | rs | | | | | DRILLER: | | | |
| | | | | | | | | | | | | | | | FIELD RE | P: K.Gerdes | | |
| | mm | | | SAMPLI | | C | ASING | C | ORE BARI | REL | | | | ΉО | F GROUND | WATER | | |
| | TYPE ZE (ID) | | Geor | orobe Mac 2" | croCore | | | | | | DATE 01. | /17/0 T | 08' | _ | | | - | |
| HAMM | ER WEI | | | NA | | | | | | | Groundwate | r De | epth (feet): | | | 4.0' | | |
| HAMN | MER FAI | | APLE | NA | | | | | | | <u> </u> | | | | | | + | |
| (feet) | No. | DEP | | | REC | | USC Sym | | | | | | N OF MATI | | | | | PID opm |
| 0 | SB-2-A | 0-0 | 51 | 7 | 70% | + | ML/SF | | | | 0-1' Silt, D | ark 1 | Brown, little | sand | l,clay | | I | • |
| 1 | SD-2-A | | | | | 士 | ML | | | 1- | -1.5' Silt and | coal | chips, Dark | Brov | vn/Black | | - | 0.0 |
| 2 | SB-2-B | 1.5- | 2 (1) | | | Τ. | ML | | | | | | with sand, m | | | | | |
| | 3D-2-D | 1.5- | 2.0 | | | + | | - | | | | | | | | | - | 0.0 |
| 3 | | | | | | | SP | | | | 3-4 | San | id, mottled, v | vet | | | | |
| 4 | SB2-C | 3.5- | 4.0' | | | + | | \dashv | | | E | nd o | f Exploration | n | | | | |
| 4 | | | | | | 1 | _ | | | | | <u>na o</u> | Lapioratio | | | | | |
| 5 | | | | | | - - | | \dashv | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | uck-mour | nted Geop | robe | Rig | | | | SURF | ACI | E ELEVATI | ON: | | | | |
| TEMPORAL | RY WEL | L INST | ALLEI | D : | 1 | No | | | | | STAR | TD | ATE: | | 1/17/2008 | | | |
| RISER FRO | М: | NA | TO: | NA | SCREEN | I FRO | OM: | NA | TO: | NA | END | DAT | ГЕ: | 1/1 | 7/2008 | | | |
| NOTES: | | | | | | | | | | | | | | | | | | |
| PID mea Depths n NA=not | neasured | from gr | | | vals | | | | | | | | | | | | | |

| | | | - | B | OR | ING I | COG | ; | | | BORING | G NUMBE | R: P79-A2 |
|-----------------|----------------------------------|---------|------------|--------------------------|---------|-----------------|-----|--------------|------------------|-------------------|-------------------|------------|--------------|
| | | | | IENTAL & | ا 🗴 | PROJEC LOCAT | | US Army BRAC | | gation | JOB NUM: | | 124976 |
| | | | | | | CONTR | | | , | | DRILLER: | Frank Acco | |
| | | | | SAMPLER | CAS | SING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DATE 11/30/ | '07' | | | |
| | ER WEI | 3HT | 1 | NA | | | | | Groundwater D | epth (feet): | | 6.5' | |
| HAMI | MER FA | | | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | T | JSC Syn | bol | ! | DESCRIPTIO | N OF MATER | IALS | | PID ppm |
| 0 | | | - | 100% | | SM | | | 0-1, Silt | and Sand, Brov | vn . | | |
| _1 | A2-A | 0-0 | .5' | - | | SP | | | 1-2' Sand, Da | rk Brown, little | gravel | | 0.0 |
| 2 | А2-В | 1.5-2 | 2.0' | ··· | | SM | _ | | 2-3.5' Clay wi | ith sand, Yellov | Green | | 0.0 |
| 3 | | | | | | sw | | 3.5- | 4' Sand, Yellow | Orange/Green, | little silt, clay | | |
| 4 | ļ | | | 80% | - | sw | | 168 | nd, Yellow Ora | ngg/Grann little | silt alay mair | | 0.0 |
| | | | | 80% | | SW | | 4-0 38 | no, renow Ora | nge/Green, naa | sin, ciay, mois |) L | 0.0 |
| 5 | | | | | - | | | | | | | | |
| 6 | | | | | | SW | | | 6-7.5' Sand, Yel | llow Green, littl | e silt, wet | | |
| 7 | A2-C | 6-6 | .5' | | | | | | | | | | |
| 8 | <u> </u> | | | | + | | | | End o | of Exploration | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | _ | | | | | | | | |
| 10 | <u> </u> | | | _ | | | | | | | | | - |
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| 13 | 1 | | | | \perp | | | | | | | | |
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| 15 | | | | | \perp | | | | | | | | |
| 16 | | | | | 士 | | | | | | | | |
| DRILLING | RIG TY | PE: | Tri | uck-mounted Geop | orobe F | Rig | _ | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | Yes | | | | START I | DATE: | 11/30/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FRO | M: | 6' | TO: 11' | END DA | TE: | 1/30/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremen measured applicab | from gr | | 1 6" intervals urface | | | | | | | | | |

| | | | _ | | В | ORING | LOG | , | | | BORING NUMB | ER: P79-A3 |
|----------------|----------------------------------|------------|------------|---------------|-----------|----------|-------|----------------|---------|---|---------------------|---------------|
| SHAW | | | | | | PROJE | CT: | US Army BRAC | 2005 | 5 Site Investigation | JOB NUMBER: | 124976 |
| IN | IFRA | STR | UC | TUR | E | LOCAT | TION: | Main Post, FTM | M, N | J | CLIENT: USACE | |
| | | | | | | CONTI | RACTO | R: TVS | | | DRILLER: Frank Ac | corsi |
| | | | | | | | | | | | FIELD REP: R.McCor | mick |
| | | | | SAMPL | | CASING | C | ORE BARREL | \prod | | F GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | - | | DA | ATE 11/29/07' | | |
| HAMM | | HT | | NA. | | | | | Gr | oundwater Depth (feet): | 6.5' | |
| HAMN | MER FAI | | | NA | | | | | \perp | | | |
| DEPTH | No. | SAN DEP | IPLE TH | 1 | REC | USC Syr | nbol | | DF | ESCRIPTION OF MATERI | ALS | PID |
| (feet) | | | | 1 | 00% | + | | | | 0-0.5' asphalt | | ppm |
| | | | | | , • | SP | | | 0.5 | i-2' Sand, Orange Brown, trac | e gravel | 0.0 |
| 1 | A3-A | 0.5- | .0' | | | - | | | | | | |
| 2 | А3-В | 1.5-2 | 2.0' | | | SP | | 2-4' | Sand | , Yellow Green/Orange, little | silt, trace clay | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 4 | | | | 1 | 00% | SP | | 4-6' Sa | id, Y | ellow Green/Orange, little sile | , trace clay, moist | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | 10.0 | | | | | SW | | 6-7' Sa | nd, Y | ellow/Orange Red, little silt, | trace gravel, wet | |
| 7 | A3-C | 5.5- | 5.0 | | | SM | | | 7-7. | 5' Sand and Silt, Light Grey, | little clay | |
| 8 | | | | | | CL | | 7.5-8' Silty | | Dark Grey/Yellow Orange G End of Exploration | | |
| 8 | | | | | | | | | | End of Exploration | | |
| 9 | | | | | | ļ | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | - | | | | | | |
| 12 | | | | | | | | | | | | - |
| 12 | | | | | | 1 | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | - | | | | | | | | | | | |
| 15 | | - | | | | 1 - | | | | | | |
| | | - | | | | ļ | | | | | | |
| 16 DRILLING | RIG TV | PE: | Te | uck-mou | nted Geop | robe Rio | | | | SURFACE ELEVATION | | |
| TEMPORA | | | | | _ | No | | | | START DATE: | . 11/29/2007 | |
| RISER FRO | | NA | TO: | | SCREEN | | NA | TO: NA | | | /29/2007 | |
| NOTES: | | | | | | | | - | | | Τ | |
| PID mea | asuremen measured applicab | from gr | | | vals | | | | | | | |

| · | | | | | ORING | LOG | | | | BORING | S NUMBI | |
|--|------------------------------------|---------|-----------|--------------------------|----------------|------|--|-----------------------------|--------------|---|---------|--|
| | | | | IENTAL 6 | & PROJE | ION: | Main Post, FTMN | 2005 Site Investigation | | JOB NUMI CLIENT: DRILLER: FIELD RE | USACE | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | ЕРТН ОІ | F GROUND | WATER | |
| | TYPE ZE (ID) | - | Geop | robe MacroCore | | | | DATE 11/30/07' | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (fee | t): | | 6.0' | |
| HAMI | MER FAI | | | NA | | l | | l | | | | + |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Syr | nbol | | DESCRIPTION OF M. | ATERIA | LS | | PID ppm |
| 0 | | | | 50% | SW | | | 0-2' Sand, Brown, little s | silt, trace | gravel | | |
| 1 | A4-A | 0-0. | .5' | | | | | | | | | 0.0 |
| <u>, </u> | | | | | SM | | 2 | -3.5' Sand with silt, Olive | Brown, I | ittle clay | | |
| 2 | A4-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | - | | | | | | | | | | | |
| | | | | | CL | | | 3.5-4' Clay, Olive Br | rown/Gre | en | | |
| 4 | | | | 80% | SP | | | 4-5.5' Sand, Yellow G | reen. little | e silt | | 0.0 |
| | | | | * | | | | , | , | | | |
| 5 | | | | - | sw | | | 5.5-7' Sand, Orange, lit | tle gravel | wet | | - |
| 6 | A4-C | 5.5-6 | 5.0' | | 3,1 | | | 5.5-7 band, Crange, ne | tic graver | , ,, | | |
| 7 | | | | | SW | | 1 | 7-8' Sand, Yellow Green | n, trace sil | lt. wet | | |
| | | | | | | |] | | | , | | |
| 8 8 | | | | | | - | _ | End of Explor | ation | | | |
| | | | | | | |] | | | | | |
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| 11 | | | | | | | | | | | | |
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| 14 | | | | | | | } | | | | | |
| 15 | - | | | | | |] | | | | | |
| 16 | | | | • | | |] | | | | | |
| DRILLING | RIG TVI | PF. | т- | ack-mounted Geo | nrohe Ria | | L | SURFACE ELEV | ATION- | | | |
| | | | | | | | | START DATE: | | 11/30/2007 | | |
| riser fro | | NA | TO: |): NA SCREE | Yes N FROM: | 5' | TO: 10' | END DATE: | 11/3 | 30/2007 | | |
| NOTES: | | | | | | | | | | | | |
| PID mea | asuremen measured : applicab | from gr | | a 6" intervals orface | | | | | | , | | |

| | | | | E | ORING | LO | 3 | | | BORIN | G NUMBE | R: P79-A5 |
|-----------------------------------|----------------|--|--------------|--------------------------|---------------------------------------|--------|-----------------|-------------------|----------------------|------------------------|-------------|--------------|
| SHAW | FNX | лрс | NN | IENTAL & | PRO. | ECT: | US Army BRAC | 2005 Site Investi | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | | ATION: | Main Post, FTMN | 1, NJ | | CLIENT: | USACE | |
| | | | | | | | on m a | | | DRILLER | Frank Acc | orsi |
| | | | | | CON | FRACT | OR: TVS | | | FIELD RE | P: R.McCorn | nick |
| | | | | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUND | WATER | |
| | YPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/01/ | /07' | | | |
| HAMMI | | GHT | - | NA NA | | _ | | Groundwater D | epth (feet): | | 6.5' | |
| HAMN | IER FAI | | | NA | | | | | | | | |
| | No. | DEP | IPLE TH | REC | USC S | ymbol | 1 | DESCRIPTIO | N OF MATER | IALS | | PID |
| (feet) | | | | 100% | <u> </u> | | 1 | 0- | 0.5' asphalt | | | ppm |
| _ | | | | | | /GP | 1 | 0.5-1' Sand and | Silt, Orange, litt | | | 0.0 |
| 1 | A5-A | 0.5-1 | 1.0' | | S | М | - | 1-4' Sand ar | nd Silt, Yellow (| ireen | | ļ |
| 2 | A5-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | - | | | | | |
| | | | | | | | | | | | | |
| 4 | | | | 100% | S | M | | 4-5' Sand and S | Silt, Yellow Gre | en | | 0.0 |
| | | | | | | | | Sand Dade Co | /Olive/O | limbo alle succe | | |
| 5 | | | | | - s | W | 3-7.: | Sand, Dark Gr | ey/Olive/Orange | , little silt, wet | | |
| 6 | | | | | | | | | | | | |
| 7 | A5-C | 6-6 | .5' | | | | - | | | | | |
| | | | | | s | W | 1 | | little silt, trace g | gravel, wet | | |
| 8 | | | | | _ | | | End | of Exploration | | | |
| | | | | | | | | | | | | |
| 9 | | | | | - | | - | | | | | - |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | |
| 12 12 | _ | <u> </u> | | | - | | 1 | | | | | |
| | | | | | | |] | | | | | |
| 13 | | ļ <u>. </u> | . <u>.</u> | | | | + | | | | | - |
| 14 | | | | | | |] | | | | | |
| 15 | | | | | - | | 1 | | | | | - |
| | | | | | | | 1 | | | | | |
| 16 DRILLING | RIG TV | bE- | т- | uck-mounted Geo | arobe Pio | | 1 | SLIBEAC | CE ELEVATION | J• | | 1 |
| | | | | | | | | | | | | |
| TEMPORAL RISER FRO | | L INST. NA | ALLEI TO: | D: NA SCREE | No N FROM: | N | A TO: NA | START I | | 12/1/2007 12/1/2007 | | |
| | | .161 | 10. | | · · · · · · · · · · · · · · · · · · · | | | SIAD DA | | | | |
| NOTES: PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | | - | | E | ORING | LOC | } | . <u> </u> | BORING NUMBI | ER: P79-A6 |
|-----------------|------------------------------------|----------|------|------------------------|--------------|----------------|----------------|-----------------------------|---|---------------|
| | | | | IENTAL & | k Loc. | ECT: ATION: | Main Post, FTM | 2005 Site Investigation | JOB NUMBER: CLIENT: USAGE DRILLER: Frank Acc FIELD REP: R.McCon | 124976 |
| | | | | SAMPLER | CASING | Т, | ORE BARREL | ne ne | PTH OF GROUNDWATER | |
| | TYPE | | | robe MacroCore | CASING | | | DATE 11/30/07' | ITH OF GROUNDWATER | |
| | IZE (ID) | | | 2" | | | *** | | | |
| | IER WEIG MER FA | | | NA NA | | | | Groundwater Depth (feet) |): 6.5' | |
| пам | мик гА. | | IPLE | INA | | <u> </u> | | <u> </u> | | |
| DEPTH (feet) | No. | DEP | | REC | USC S | ymbol | | DESCRIPTION OF MA | ATERIALS | PID ppm |
| 0 | | | | 100% | S | P | | 0-2' Sand, Olive Brown/C | Green, little silt | |
| 1 | A6-A | 0-0 | .5' | | | | | | | 0.0 |
| 2 | A6-B | 1.5-2 | 2.0' | | S | W _. | 2-4 | Sand, Orange/Dark Grey | Olive Green, moist | 0.0 |
| 3 | | - | | | | | | | | |
| 4 | - | | | | _ | | | | | <u> </u> |
| 4 | | | | 100% | S | М | | 4-6.5' Sand and Silt, Gre | een, little clay | 0.0 |
| 5 | | | | | | | | | | |
| 6 | | - | | | | | | | | |
| | A6-C | 6-6. | .5' | | S | w | 6. | 5-8' Sand, Orange/Light tar | n, trace gravel, wet | |
| .7 | - | ļ. — | | | _ | | ļ | | | |
| 8 | | | | | | | 1 | End of Explora | ation | |
| 8 | | | | | | | - | | | |
| 9 | | | | | | | | | | |
| 10 | ļ | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| 12 | 1 | | | | <u> </u> | | | | | |
| 13 | <u> </u> | | | | | | | | | |
| 14 | | | | | - | | | | | |
| 15 | | | | | - | | | | | - |
| | | | | | | | | | | |
| 16 DRILLING | RIG TV | i pp. | т- | ick-mounted Geor | vrohe Pia | | I | SURFACE ELEVA | ATION: | 1 |
| TEMPORA | | | | | Yes | | | START DATE: | 11/30/2007 | |
| RISER FRO | | NA | TO: | NA SCREE | | 5' | TO: 10' | END DATE: | 11/30/2007 | |
| NOTES: | | | | - | | | | | | |
| Depths | asuremen measured t applicab | from gr | | 6" intervals urface | | | | | | |

| _ | | | | | ВО | RING I | LOG | , | | | | | BORING | NUMBE | R: P79-A7 |
|-------------------------------|-----------------|--------------|-------------|--------------------------|-----------|---------|-------|----------------|-------|--------------|---------------|--------|------------------|------------|--------------|
| SHAW | | | | | L & | PROJEC | CT: | US Army BRAC | 2005 | Site Investi | igation | | JOB NUME | BER: | 124976 |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTM | M, N. | J | | | CLIENT: | USACE | |
| | | | | | | CONTR | A CTC | OR: TVS | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACIC | | | | | | FIELD REI | P: R.McCom | nick |
| | | | | SAMPLER | | CASING | С | ORE BARREL | ┸ | | | H OI | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Macrot | Core | | | *** | DA | TE 12/03 | /07' | _ | | | <u> </u> |
| HAMMI | | 3HT | | NA NA | | | | | Gro | oundwater D | epth (feet): | + | | 4.0' | |
| HAMN | MER FA | | | NA | | | | | | | | 1 | | | |
| DEPTH (feet) | No. | SAN DEP | TH | REC | 2 | USC Sym | bol | | DE | SCRIPTIO | N OF MAT | ERIA | LS | | PID ppm |
| 0 | | | | 1009 | 6 | SM | | | 0-1' | Silt and San | id, Brown, co | al fra | gments | | , pp |
| 1 | A7-A | 0-0 | .5' | | | sw | | 1-4' | Sand | , Orange/Oli | ive Brown Gr | een, I | little silt, wet | | 0.0 |
| 2 | A7-B | 1.5-2 | 2.0' | | | | | | | | | | | | 0.0 |
| 3 | | | | | | | - | | | | | | | | - |
| | | | | | | | | | | | | | | | |
| 4 | A7-C | 3.5-4 | 1.0' | | | | | | | End | of Exploratio | n | | | 1 |
| | | | | | | | | | | | | | | | 1 |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | - | | | | | | | | | l |
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| 12 | | | | | | | | <u> </u> | | | | | | | |
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| 13 | | | | | | | | | | | | | | | - |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | - | | _ | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted | l Geoprol | be Rig | | <u> </u> | | SURFAC | CE ELEVAT | ON: | | | 1 |
| TEMPORA | | | | | No | | | | | START | | | 12/3/2007 | | |
| RISER FRO | | NA | TO: | NA SC | | | NA | TO: NA | | END DA | | 12/ | /3/2007 | | |
| NOTES: | | | | | | | | | | <u></u> | | |] | | |
| PID mea Depths r NA=not | neasured | from gr | | n 6" intervals urface | ; | | | | | | | | | | |

| | | | | | ВС | DRING I | LOG | | | | | BORING | G NUMBI | ER: P79-B2 |
|-----------------|-------------------------------------|--------------|--|--------------------------|--------|--------------|----------|-----------|--------|-------------------|------------------|----------------|-------------|---------------|
| SHAV | V EN | VIRO | NN | IENTA | L & | PROJE | CT: | US Army | BRAC 2 | 005 Site Invest | igation | JOB NUM | BER: | 124976 |
| п | NFRA | STR | UC | TURE | | LOCAT | ION: | Main Post | , FTMM | , NJ | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | R: TVS | , | | | DRILLER | Frank Ace | corsi |
| | | | | | | CONTR | ACTU | r: IVS | • | | | FIELD RE | P: R.McCorr | mick |
| | | | | SAMPLER | | CASING | С | ORE BARR | EL | | DEPTH | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geor | robe Macro(2" | Core | | <u> </u> | | | DATE 11/29 | /07 <u>'</u> | | | |
| HAMM | IER WEI | | | NA | | | | | | Groundwater D | epth (feet): | | 3.5' | |
| HAM | MER FA | | | NA NA | | | L., | | | | | | l | _ |
| DEPTH (feet) | No. | DEP | TH | REC | ; | USC Syn | ıbol | | | DESCRIPTIO | N OF MATER | NIALS | | PID ppm |
| 0 | B2-A | 0-0 | <u>. </u> | 100% | 6 | SM |] | | | 0-1' San | d and Silt, Brow | vn | | 0.0 |
| 1 | DZ-A | | .3 | | | SM | | | | 1-2.5' Silt with | sand, LightBro | wn/Olive | | 0.0 |
| 2 | B2-B | 1.5- | 2.0' | | | SM | | | 2.5 | 4' Sand with silt | , Olive Green/I | Oark Grey, wet | | 0.0 |
| 3 | B2-C | 3-3 | 51 | | | | | | | | | | | |
| 4 | B2-C | 3-3 | | | | | | | | End | of Exploration | | | |
| 4 | - | | | | | | | | · | | | | | |
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| 9 | + | | | | | | | | | | | | | - |
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| 12 | | | | | | | | | | | | | | |
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| 13 | 1 | | | | | | \dashv | | | | | | | — |
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| 14 | - | | | | | ļ. <u></u> | | | | | | | | <u> </u> |
| 15 | | | | | | | | | | | | | | |
| 16 | · | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted | Geopro | be Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D : | N | D | | | | START | DATE: | 11/29/2007 | | |
| RISER FR | OM: | NA | TO: | NA SC | REEN I | FROM: | NA | TO: | NA | END DA | ATE: | 1/29/2007 | | |
| NOTES: | | | | | | | | | - | ' | _ | | | |
| Depths | easuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | I | BORI | NG L | OG | | | - | BORING | G NUMBE | R: P79-B3 | |
|--|--|--|-------|--------------------------|-----------|--------|-----------|-----------------|------------------|--------------------|--------------------|--------------|--|--|
| SHAW | EN | /IRC | NN | TENTAL O | & PI | ROJECT | Γ: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | 124976 | |
| | | | | TURE | | DCATIO | ON: | Main Post, FTMM | i, NJ | | CLIENT: | USACE | | |
| | | | | | Ì | | | | | | DRILLER | Frank Acco | rsi | |
| | | | | | C | ONTRA | CTO | R: TVS | | | FIELD RE | P: R.McCormi | | |
| ļ | - | | | SAMPLER | CASI | NG T | C | ORE BARREL | | перти | OF GROUND | WATED | | |
| | ГҮРЕ | | | robe MacroCore | CAGI | | | *** | DATE 11/29 | | OF GROOME | WAIER | | |
| | ZE (ID) ER WEIG | ЗНТ | | NA NA | | | | - | Groundwater I | enth (feet): | | 4.0' | | |
| | MER FA | | | NA NA | | | | | Orounawater L | cpur (rect). | | 7.0 | | |
| | | | PLE | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ГН | REC | US | C Symb | ol | | | ON OF MATER | | | PID ppm | |
| 0 | B3-A | 0-0. | 5' | 100% | | SM | \dashv | | 0-1, 511 | and Sand, Brov | 'n | | 0.0 | |
| 11 | | | | | - | ML | \exists | | 1-2. | .5' Silt, Brown | | | | |
| 2 | В3-В | 1.5-2 | 2.0' | | | | \Box | | | | | | 0.0 | |
| 3 | | | | | _ | CL | \dashv | 2.5 | -3.5' Clay, Yell | ow Green/Orang | e, trace sand | | | |
| - | | | | | | SM | | 3.5-4' Sar | nd, Yellow Gree | en/Orange/Dark | grey, little silt, | wet | | |
| | B3-C | 3.5-4 | 1.0' | 100% | - | SM | + | 4 7 San | d Vallow Green | n/Orongo/Doek o | rou little silt v | uot. | | |
| 4 B3-C 3.5-4.0' 4 100% SM 4-7' Sand, Yellow Green/Orange/Dark grey, little silt, wet 0.1 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 7 | ļ | | | | | SM | | | 7-8' Sand wi | th silt, Light Gre | y, wet | | | |
| 8 | | | | | | | \dashv | | End | of Exploration | | | | |
| 8 | | | | | | | | | | • | | | | |
| 9 | | | | - | - | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | - | | | | | | \dashv | | | | | | | |
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| 12 | | | | | | | \dashv | | | | | | | |
| | | | | | | | \Box | | | | | | | |
| 13 | - | <u> </u> | | | - | | \dashv | | | | | | | |
| 14 | | | | | | | \Box | | | | | | | |
| 15 | | <u> </u> | | | _ | | \dashv | | | | | | | |
| | | | | | \pm | | \exists | | | | | | | |
| 16 | | | | | | | | | 1 | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rią | 3 | | | SURFA | CE ELEVATIO | 1 : | | | |
| TEMPORA | RY WEL | L INST. | ALLEI | D: | No | | | | START | DATE: | 11/29/2007 | | | |
| RISER FRO | DM: | NA | TO: | NA SCREE | N FROM | I: | NA | TO: NA | END DA | ATE: 1 | 1/29/2007 | | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths i | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | F | ORI | ING I | ЮG | ; | | | _ | BO | DRING | G NUMB | BER: P79-B4 |
|-----------------|----------------------------------|------------|------|--------------------------|-------------|--------|------|--------------|---------|-------------|------------------|-------------|-----------|-----------|----------------|
| | | | | IENTAL & | & | PROJEC | | US Army BRAC | | Site Invest | igation | CL | B NUMI | USACE | 124976 |
| | | | | | | CONTR | ACTO | OR: TVS | | | | FII | ELD RE | P: R.McCo | rmick |
| | | | | SAMPLER | CAS | SING | C | ORE BARREL | | | | OF G | ROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | DAT. | E 12/01. | /0 <i>r</i> | Т | | | |
| HAMM | ER WEI | | | NA | | | | | Grou | ndwater D | epth (feet): | | | 5.5' | |
| HAMI | MER FAI | | IPLE | NA | | | _ | | Ц | | | <u> </u> | | | |
| DEPTH (feet) | No. | DEP | | REC | u | SC Sym | bol | | DES | CRIPTIO | N OF MATE | RIALS | | | PID ppm |
| 0 | D4 4 | - 00 | £1 | 100% | | SM | | | | 0-1' Silt | and Sand, Bro | wn | | | 0.0 |
| 1 | B4-A | 0-0 | .5 | | \dashv | CL | _ | | | 1-1.5' S | Silty Clay, Brov | vn | | | 0.0 |
| | | | | | | CL | | 1.5 | -3.5' (| Clay, Yello | ow Green/Oran | ge, little | e sand | | 0.0 |
| 2 | B4-B | 1.5-2 | 2.0 | | | | | | | | | | | | 0.0 |
| 3 | | | | | | 0111 | | | | | a 10 | | ٠. | | |
| 4 | | _ | | | | sw | | 3.5-4 | Sano | , Yellow (| Green/Orange, | nttie cia | ıy, moist | | |
| 4 | | | | | | SW | | 4-5' S | and, Y | ellow Gre | een/Orange, litt | le silt, t | race clay | , | |
| 5 | | | | | | SW | | 5-7' | Sand. | Yellow/L | ight Tan, trace | gravel. | silt, wet | | |
| | B4-C | 5-5 | .5' | | | | | | | | , | | , | | |
| 6 | | | | _ . | - | | | | | | | | | | <u> </u> |
| 7 | <u> </u> | | | | | CL | | | '-8' Si | lty Clay, I | Dark Grey Gree | en, littl s | and | | |
| 8 | | | | _ | - | | | | | End | of Exploration | | | | <u> </u> |
| 8 | | | | | | | | - | | Duo | Of Emploration | | | | |
| 9 | | | | <u>-</u> | | | | | | | | | | | |
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| 10 | | - | | | | | | | | | | | | | <u> </u> |
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| 16 | ļ | | | | - - | | | | | | | | | | <u> </u> |
| | DIC TO | DE. | | uck-mounted Geo | | | | | | CIDEA | CE ELEVATIO | NI. | | | |
| DRILLING | | | | , | | ug | | | | | | | | | |
| TEMPORA | | | | | No N EDO | M | XI A | TO: NA | | START | | 12/1/20 | 2/1/2007 | | |
| RISER FRO | /M: | NA | TO: | NA SCREE | 14 FKO | IVI: | IN.A | TO: NA | | אַט טאַ | V16: | 12/1/20 | JU 1 | | |
| NOTES: | | | | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | | |

| | | | | E | ORING I | 00 | ; | | | BORING | G NUMBI | ER: P79-B5 |
|-----------------|------------------------------------|---------|------|--------------------------|-----------|------|-----------------|-------------------|--------------------|------------------|------------|---------------|
| SHAW | EN | /IRC | NN. | TENTAL & | & PROJEC | CT: | US Army BRAC 2 | 005 Site Invest | igation | JOB NUM | BER: | 124976 |
| | | | | TURE | LOCAT | ION: | Main Post, FTMM | , NJ | | CLIENT: | USACE | |
| | | | | | | | | | | DRILLER | Frank Ac | corsi |
| | | | | | CONTR | ACT(| OR: TVS | | | FIELD RE | P: R.McCor | mick |
| | | | | SAMPLER | CASING | | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/01 | /07' | | | - |
| HAMM | ER WEIC | | | NA | | | | Groundwater I | Depth (feet): | | 6.5' | |
| HAM | MER FAI | | IPLE | NA | | | | | | | | - |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | ibol | | | ON OF MATER | | | PID ppm |
| 0 | B5-A | 0-0. | 5' | 100% | ML | | | 0-1' Silt, R | ed Brown, little | sand | | 0.0 |
| 1 | 55-11 | 0-0. | | | | | | | ncinerator ash/sla | | | 0.0 |
| 2 | B5-B | 1.5-2 | 2.0' | | SM | | 1.5-4' Sa | nd with silt, Oli | ve Green/Orang | e, trace clay, m | oist | 0.0 |
| 3 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 4 4 | | | | 100% | SW | | 4-6. | 5' Sand, Olive (| Green/Orange, li | tle silt. moist | | 0.0 |
| | | | | | | | | , | | , | | |
| 5 | | | | | | | | | | | | |
| 6 | B5-C | 6-6 | 5' | | sw | | 6. | S. Si Sand Valle | ow/Tan, trace gra | vel cilt wet | | |
| 7 | DJ-C | 0-0. | ., | | 3,, | | 0 | -o dana, Tene | wrian, nace gie | vei,siit, wet | | |
| 8 | ļ | - | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | • | | | |
| 9 | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | | | | | No | | | START | | 12/1/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | NA | TO: NA | END DA | | 12/1/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| Depths i | asuremen measured : applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | BOI | RING I | LOG | | | | BORING | NUMBI | ER: P79-B6 |
|-------------------------------|-------------------|------------|------------|--------------------------|-----------|---------|------|-----------------|----------------|---------------------|----------------------|-----------|---------------|
| SHAW | | | | | L & | PROJEC | CT: | US Army BRAC | 2005 Site Inve | estigation | JOB NUMB | ER: | 124976 |
| IN | NFRA | STR | lUC | TURE | | LOCAT | ION: | Main Post, FTMN | A, NJ | | | | |
| | | | | | | CONTR | АСТО | R: TVS | | • | DRILLER: | Frank Acc | |
| | | - | | SAMPLER | c | ASING | С | ORE BARREL | | DEPTH | OF GROUND | VATER | |
| | ГҮРЕ | | Geop | robe Macro | Core | | | to the same | DATE 12/ | 03/07' | | | |
| HAMM | ZE (ID) ER WEI | GHT | | NA | | | | | Groundwater | Depth (feet): | - | 4.0' | |
| | MER FA | LL | | NA | | | | | <u> </u> | | | | |
| DEPTH (feet) | No. | SAM DEP | IPLE TH | RÉC | : " | USC Sym | ıbol | | | ION OF MATER | | | PID ppm |
| 0 | 2 | | 51 | 100% | 6 | SM/GI | · | | 0-2' Silt with | n sand, Brown, trac | ce gravel | | - 00 |
| 1 | B6-A_ | 0-0 | .5' | | | | | | | | | | 0.0 |
| 2 | B6-B | 1.5-2 | 2.0' | | | CL | 士 | | | Greeen Brown/Ora | | | 0.0 |
| 3 | | | | | | SW | | 2.5-4' Sa | nd, Yellow G | reen/Dark Grey Or | ange, little silt, v | vet | |
| | DC C | 26 | 4.01 | | | | = | | т. | ad of Euplanation | | | |
| 4 | B6-C | 3.5-4 | 4.0 | | | | | | <u></u> | nd of Exploration | | - | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | | | | | | | | |
| DRILLING | RIG TV | PE: | Tr | uck-mounted | d Geonrob | e Rig | | | SURF | ACE ELEVATION | N: | | 1 |
| TEMPORA | | | | | No | | | | | T DATE: | 12/3/2007 | | |
| RISER FRO | | NA | TO: | | CREEN FE | ROM: | NA | TO: NA | | | 12/3/2007 | | |
| NOTES: | | | | | | | | | | | , | | |
| PID mea Depths i NA=not | measured | from gr | | n 6" intervals urface | S | | | | | | | | |

| | | - | | В | ORING | LOG | 1 | | | BORIN | G NUMBE | R: P79-B7 |
|-----------------|----------------------------------|---------|-------|--------------------------|-----------|------|-------------|-----------------------------------|--|----------------------|---------------|--------------|
| | | | | IENTAL & | PROJE | | US Army BRA | | 5 Site Investigation | JOB NUM | BER: USACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | | DRILLER | Frank Acc | orsi |
| | | | | | CONTA | MCIC | 7. 173 | | | FIELD RE | P: R.McCorn | nick |
| | | | | SAMPLER | CASING | (| ORE BARREL | \Box | | OF GROUND | WATER | - |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | $-\frac{\mathbf{D}A}{\mathbf{D}}$ | ATE 11/30/07' | - | | |
| HAMM | ER WEI | | | NA | | | | Gr | oundwater Depth (feet): | | 6.0' | |
| HAM | MER FAI | | IPLE | NA | | L | | ㅗ | | | | |
| DEPTH (feet) | No. | DEP | | REC | USC Syn | nbol | | DI | ESCRIPTION OF MATER | IIALS | | PID ppm |
| 0 | | | | 100% | sw | | | 0.5 | 0-0.5' asphalt I' Sand, Brown/Light Orang | a little silt | | 0.0 |
| 1 | B7-A | 0.5- | 1.0' | | CL | | | | 2.5' Clay, Yellow/Orange, tr | | | 0.0 |
| 2 | B7-B | 1.5-2 | 2.0' | | SW | | 2.5-4' S | and. Y | ellow Green/Orange Dark (| Grev. little silt. 1 | noist | 0.0 |
| 3 | | | | | | | | , | | ,,, . | | |
| 4 | | | | 100% | OW | | 4.615 | | ellow Green/Orange Dark G | 1741 - 71 | • . | |
| 4 | | | | 100% | SW | | 4-6' Sa | nd, Y | ellow Green/Orange Dark G | rey, little silt, m | ioist | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | B7-C | 5.5-0 | 5.0' | | SM | | | 6- | 7' Silt with sand, Yellow gre | en, moist | | |
| 7 | | | | | SW | | | 7-8' S | and, Orange/Light Tan, trace | e gravel, wet | | |
| 8 | | | | | | | | | End of Exploration | | | |
| 9 | | | _ | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | _ | | | | | | | | | | | |
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| 16 | | | | | | | | | Г | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | | SURFACE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | Yes | | | | START DATE: | 11/30/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREET | N FROM: | 5' | TO: 10' | | END DATE: | 1/30/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths i | asuremen neasured applicab | from gr | | a 6" intervals arface | | | | | | | | |

| | | | | В | ORING | LOG | | | | BORING | NUMBE | CR: P79-C2 |
|-----------------|------------------------------------|----------|------------|--------------------------|-----------|--------------|--------------|---------------------|----------------|------------|--------------|---------------|
| | | | | ENTAL & | PROJE | | US Army BRAC | 2005 Site Investigs | ation | JOB NUMB | ER: USACE | 124976 |
| | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | | FIELD REP | : R.McCom | nick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | OF GROUNDY | VATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/29/07 | 7' | | | + |
| HAMM | ER WEI | | | NA | | | | Groundwater Dep | oth (feet): | | 7.0' | |
| HAM | MER FA | | | NA | | | | l., | 1 | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC Syr | nbol | | DESCRIPTION | OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | SM | | | 0-1' Sand : | and Silt, Brow | /n | | |
| 1 | C2-A | 0-0 | .5' | | ML | | | 1-2' Silt, Oliv | e Green, trace | sand | | 0.0 |
| 2 | С2-В | 1.5-2 | 2.0' | | CL | | | 2-4' Clay, Yel | llow Green/Or | range | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | | | | 100% | CL | | | 4-6' Clay, Yel | llan Caran/O | | | 0.0 |
| 4 | | | | 10076 | CL. | | | 4-0 Clay, 16 | ilow Gleen/Or | ange | | 0.0 |
| 5 | | | | | | | | | | | | |
| 6 | | | | | SM | | | -7' Clayey Sand, O | range/Yellow | Green, wet | | |
| 7 | C2-C | 6.5-1 | 7.0' | | SM | | | 7-8' Sand with sil | lt, Orange/Yel | llow, wet | | |
| 8 | | | | | | | | End of | Exploration | | | |
| 8 | | | | | | | | | | | | |
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| 16 | | | | - | _ | | | г | | | | |
| DRILLING | RIG TY | PE: | Tn | ick-mounted Geor | orobe Rig | | | SURFACE | ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | No | | | START DA | ATE: | 11/29/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DAT | E: 1 | 1/29/2007 | | |
| NOTES: | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | ORING | LOC | | | BORING NUMBE | R: P79-C3 |
|-----------------|---------------------------------|---------|------|--------------------------|-----------|-------|-----------------|---------------------------------|---------------------------------|--------------|
| SHAW | ENV | лвс | INIV | IENTAL & | e PROJE | CT: | US Army BRAC | 2005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | CLIENT: USACE | |
| | | | | | LOCA | rion: | Main Post, FTMN | 1, NJ | | |
| | | | | | CONT | RACTO | OR: TVS | | DRILLER: Frank Acce | orsi |
| | | | | | . | | | | FIELD REP: R.McCorn | nick |
| | | | | SAMPLER | CASING | | ORE BARREL | | H OF GROUNDWATER | -, |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 11/29/07' | | - |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | 5.5' | |
| HAM | MER FAI | | 1PLE | NA NA | | | | l | | |
| DEPTH (feet) | No. | DEP | | REC | USC Sy | mbol | | DESCRIPTION OF MATE | ERIALS | PID ppm |
| 0 | C3-A | 0-0 | 5, | 100% | SM | | | 0-1' Silt, Brown, little | sand | 0.0 |
| 1 | C3-A | 0-0 | .5 | | SW | | | 1-1.5' Sand, Orange, trac | e gravel | - 0.0 |
| 2 | С3-В | 1.5- | 2 01 | | CL/C | iP | 1. | 5-4' Silt and Clay, Olive Gree | n, trace gravel | 0.0 |
| | С3-В | 1.5- | 2.0 | | | | | | | 0.0 |
| 3 | | - | | | | | | | | |
| 4 | | | | | | | | | | |
| 4 | | | | 100% | CL | | | 4-5' Clay, Olive Gre | een | 0.0 |
| 5 | | | | | SW | | 5-7' Sand, Ye | llow Green/Dark Grey/Orang | e, little silt, trace clay, wet | |
| 6 | C3-C | 5-5 | .5' | | | | | | | |
| | | | | | | | | | | |
| 7 | | | | | SW | | 7- | S' Sand, Light Grey/Tan, little | gravel,silt, wet | |
| 8 | | | | | | | ···· | End of Exploratio | n | |
| | | | | | | | | | | |
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| 14 | <u> </u> | | | | | | 1 | | | |
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| 16 | | | | | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ack-mounted Geo | orobe Rig | | | SURFACE ELEVATI | ON: | |
| TEMPORA | RY WEL | L INST | | | No | | | START DATE: | 11/29/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DATE: | 11/29/2007 | |
| NOTES: | | | - | _ | | | | 1. | | |
| Depths r | suremen neasured applicab | from gr | | n 6" intervals arface | | | | | | |

| | | | | | BOI | RING I | COG | | | | BORING | G NUMBE | CR: P79-C4 |
|-----------------|----------------------------------|---------|-----------|--------------------------|----------|-----------------|------|----------------|---------|----------------------------|---------------------------------|-------------|----------------|
| | | | | ENTAL TURE | & | PROJEC LOCAT | ION: | Main Post, FTM | | Site Investigation | JOB NUMI CLIENT: DRILLER: | USACE | 124976 orsi |
| | | | | | | CONTR | ACTO | R: TVS | | | FIELD RE | P: R.McCorn | nick |
| | | | | SAMPLER | | ASING | С | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCor 2" | e | | | | DA | TE 12/01/07' | | | |
| HAMM | ER WEI | | | NA | | _ | - | | Gro | andwater Depth (feet): | | 3.5' | |
| HAM | MER FAI | | DI E | NA | <u> </u> | | | | 1_ | | | ļ | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | | USC Sym | ibol | | DES | SCRIPTION OF MATER | IALS | | PID ppm |
| 0 | | | <u></u> | 100% | [| SM | | | 0-1' | Sand and Silt, Brown/Yello | w Orange | | 0.0 |
| 1 | C4-A | 0-0. | 2, | | _ | CL | | | | 1-2.5' Silty Clay, Brow | n | | 0.0 |
| 2 | C4-B | 1.5-2 | 2.0' | | | CL | | 2.5-3 | .5' Cla | ıy, Yellow Green/Orange, t | race sand, mois | t | 0.0 |
| 3 | C4-C | 3-3. | 5' | - | | sw | | 3.5-4 | ' Sand | , Yellow Green/Orange, tra | ice silt, clay, we | t | |
| 4 | | | | - | -+ | | | | | End of Exploration | | | |
| | | | | | | | | | | | | | |
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| 16 | \vdash | | | | + | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted G | eoprobe | Rig | | | | SURFACE ELEVATION | N: | | |
| TEMPORA | | | | | No | - | | | | START DATE: | 12/1/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCRI | EEN FR | OM: | NA | TO: NA | | END DATE: | 12/1/2007 | | |
| OTES: | | | | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | I | ORING | LOG | ; | | - | • | BORING NUMB | ER: P79-C5 |
|-----------------|----------------------------------|---------|-------------|--------------------------|-----------|------|---------------|-------------|----------------|------------------|--|---------------|
| SHAW | EN | лрс | NN | ENTAL . | PROJE | CT: | US Army BRA | .C 200 | 5 Site Invest | igation | JOB NUMBER: | 124976 |
| | | | | TURE | | | | | | | CLIENT: USACE | |
| _ | | | | . 0.103 | LOCAT | ION: | Main Post, FT | им, ì | 41 | | | |
| | | | | | CONTI | ACTO | OR: TVS | | | | DRILLER: Frank Ac | corsi |
| | | | | | | | | | | | FIELD REP: R.McCo | mick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | _ <u>D</u> | ATE 12/01 | /07' | | |
| НАММ | ER WEIG | | | NA | | | | G | roundwater D | epth (feet): | 5.0' | |
| HAM | MER FAI | | IL. IPLE | NA . | | L., | | | | | | + |
| DEPTH (feet) | No. | DEP | | REC | USC Syr | nbol | | Đ | ESCRIPTIC | ON OF MATE | RIALS | PID ppm |
| 0 | C5-A | 0-0 | <i>c</i> , | 100% | ML | | | | 0-1' Silt, R | ed Brown, little | sand | |
| ī | C3-A | 0-0. | .5 | | | | | | 1-1.5' in | cinerator ash/sl | ag | 0.0 |
| 2 | C5-B | 1.5-2 | יח 2 | | CL | | | | 1.5-3.5' Clay | , Yellow Green | Orange | 0.0 |
| | | | 0 | | | | | | | | | 0.0 |
| 3 | | | | | sw | | 3.5-4' Sa | nd, O | live Green/Da | ark Grey/Orang | e, little silt,clay, moist | \ |
| 4 | | | | 100% | SW | | | | | | ge, little silt,clay, wet | 0.0 |
| 4 | | | | 100% | Sw | | 4-0.5 | and, (| Jive Green/1 | Jark Grey/Oran | ge, little siit,ciay, wet | 0.0 |
| 5 | C5-C | 4.5- | 5.0' | | | | | | | | | |
| 6 | | | | | | | | | | _ | | |
| 7 | - | | | | SW | | | 6.5-8 | S' Sand, Yello | w/Tan, trace gr | avel,silt, wet | |
| 8 | | | | | | | | | E-d | of Exploration | | |
| 8 | | | | | | | | | Enu | or exploration | | |
| 9 | - | | | | - | | | | | | | |
| 10 | | | | | | | | | | | | |
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| 11 | | | | 1 | | | , | | | | | |
| 12 | | | | | | | | | | | | |
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| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | _ | | | | | | | |
| DRILLING | RIG TV | PE: | Tπ | ick-mounted Geo | orobe Rio | | | | SURFAC | CE ELEVATIO | N: | |
| TEMPORA | | | | , | No | | | | START | | 12/1/2007 | |
| RISER FRO | | NA | TO: | | N FROM: | NA | TO: NA | ١ | END DA | | 12/1/2007 | |
| NOTES: | | | | | | | | | <u> </u> | | | |
| PID mea | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | | В | ORING | LOG | , | | | BORING | NUMBI | ER: P79-C6 |
|-----------------|--------------------------------------|---------|-------|------------|------------|--------------|----------------|--------------|-------------------|--------------------|-------------------|---------------|---------------|
| SHAV | V ENV | | | | | PROJEC | | US Army BRAC | | igation | JOB NUMI | BER: USACE | 124976 |
| | | | | | | CONTR | ACTO | or: TVS | | | DRILLER: | Frank Acc | |
| | | | | SAMPLI | | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | robe Mad | croCore_ | | | | DATE 12/03. | /07' | | _ | |
| HAMM | IER WEIG | | | NA | | | | | Groundwater D | epth (feet): | | 5.5' | |
| , HAM | MER FAI | | IPLE | NA | | | ' — | | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | | F | REC | USC Syn | nbol | | DESCRIPTIO | N OF MATER | RIALS | | PID ppm |
| 0 | - | | | 1 | 00% | SM | | | 0-1' Silt, | Brown, little sa | ind | | |
| ī | C6-A | 0-0 | .5' | | | CL | | | 1-2' Silty Cl | lay, Brown, littl | e sand | | 0.0 |
| 2 | C6-B | 1.5-2 | 2.0' | | | CL | | : | 2-4' Clay, Yellov | v Green/Orange | , trace sand | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | ļ | | | | | | | | | | | | |
| 4 | | | | 1 | 00% | CL | | 4-5 | Clay, Yellow gr | reen/Orange, tra | ce sand, moist | | 0.0 |
| 5 | C6-C | 5-5 | 51 | | | sw | | 5-8' San | d, Yellow Green | /Orange, little si | It, trace gravel, | wet | |
| 6 | C6-C | 3-3 | .5 | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | End | of Exploration | | | |
| 8 | | | | | | | | | | - | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
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| 12 | $\pm -$ | | | | | | | | | | | | |
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| 13 | ļ | | | | | | | | | | | | |
| 14 | 1 | | | | | 1 | | | | | | | |
| 15 | \pm | | | - | | | | | | | | | |
| 16 | | | | | | | | ļ | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geopi | obe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | ARY WEI | L INST | ALLEI | D : | ĭ | No. | | | START | DATE: | 12/3/2007 | | |
| RISER FR | OM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: NA | END DA | ATE: | 12/3/2007 | | |
| NOTES: | | | | - | | | - | | | | | | |
| Depths | easuremen measured et applicab | from gr | | | vals | | | | | | | | |

| | | | | I | 30 | RING I | COG | } | | | BORING NUMB | ER: P79-C7 |
|---------------------------------------|--------------|--------------|--------------|---------------------------|----------------|---------|------|-----------------|-------|---------------------------------------|---|---------------|
| SHAW | ENV | /IRC | NN | TENTAL . | <u>&</u> | PROJEC | CT: | US Army BR | RAC 2 | 005 Site Investigation | JOB NUMBER: | 124976 |
| | | | | TURE | | LOCAT | ION: | Main Post, F | тмм | NI | CLIENT: USACE | |
| | | | | | | | | 114111 1 031, 1 | | ,, 110 | DRILLER: Frank Ac | corsi |
| | | | | | | CONTR | ACT(| OR: TVS | | | FIELD REP: R.McCor | |
| · · · · · · · · · · · · · · · · · · · | | | | 7 A N S D Y TO TO | | | | | _ | | <u> </u> | |
| ï | YPE | | | SAMPLER robe MacroCore | - ۱ | CASING | | ORE BARREL | - | DATE 12/03/07' | F GROUNDWATER | |
| | ZE (ID) | | | 2" | | | | | | | | |
| HAMMI | ER WEIG | | | NA NA | _ | | | · | | Groundwater Depth (feet): | 4.5' | |
| | 11310 7 7 1 | | IPLE | 101 | | | | | | | | |
| (feet) | No. | DEP | | REC | | USC Sym | bol | | | DESCRIPTION OF MATERI. | ALS | PID ppm |
| 0 | | | | 100% | | | | | | 0-0.5' asphalt | | |
| 1 | C7-A | 0.5-1 | .0' | | \dashv | CL | | | | 0.5-2.5' Silty Clay, Dark Gre | en | 0.0 |
| | | | | | _ | | | | | | | |
| 2 | С7-В | 1.5-2 | 2.0 | | | ML | - | | | 2.5-4' Clayey Silt, yellow Gree | n, wet | 0.0 |
| 3 | | | | | - | | | | | | | |
| 4 | C7-C | 4-4. | .5' | | | | | | | End of Exploration | | |
| 4 | | | | | _ | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | • | 4 | | | | | | | |
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| 7 | | | | - | \dashv | , | | | | | | <u> </u> |
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| 10 | | | | | 7 | | | | | | | |
| 11 | | | | | | , | | | | | | |
| 11 | | | | | \exists | | | | | | | |
| 12 12 | <u> </u> | | | | 7 | | | | | | <u>-</u> . | |
| | | | | | | | | | | | | |
| 13 | | | | | \dashv | | | | | | | <u> </u> |
| 14 | | | | | コ | | - | | | | | |
| 15 | | | | | | | | | | | | |
| | | - | | | | | | | | | | |
| 16 | l | l | - | | | <u></u> | | | | | | |
| DRILLING | | | | uck-mounted Geo | | | | | | SURFACE ELEVATION | l e e e e e e e e e e e e e e e e e e e | |
| TEMPORAI | RY WEL | L INST | ALLEI | D: | No | | | | | START DATE: | 12/3/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N F | ROM: | NA | . TO: 1 | NΑ | END DATE: 12 | 2/3/2007 | |
| NOTES: | | | ., | | | | | • | | · · · · · · · · · · · · · · · · · · · | | |
| PID mea Depths n NA=not | neasured | from gr | | n 6" intervals urface | | | | | | | | |

| | - | | | | В | ORI | NG I | ОG | | | | | | BORIN | G NUMI | BER: P79-D1 | |
|--------------------------------|---------------|---------|-------|---------|-----------|----------|--------|----------|---------|-------------|--------|-----------------------------------|--------------|--------------------|-----------|----------------|-----------|
| SHAW | | | | | | P | ROJEC | T: | US Arm | y BRAC | 2005 | Site Investigation | - | JOB NUM | | 124976 | |
| IN | FRA | STR | UC' | TUR | E | L | OCAT | ON: | Main Po | st, FTMM | I, NJ | | | CLIENT: | USACE | | |
| | | | | | | c | ONTR | ACTO | R: T | vs | | | | DRILLER | | | ŀ |
| | | | | | | | | | | | | | | FIELD RE | P: R.McCo | ormick | |
| | | | | AMPLI | | CAS | ING | C | ORE BAR | REL | | | ДЕРТН | OF GROUNI | WATER | | \Box |
| | YPE Œ (ID) | | Geop | robe Ma | croCore | | | | = | | | TE 11/29/07' | | | | | Ⅎ |
| HAMME | R WEI | | | NA | | | | | | | Gro | undwater Depth (fo | eet): | | 8.0' | | \neg |
| HAMN | IER FAI | | IPLE | NA | ļ | | | | *** | | _ | <u> </u> | | | L | | ┥ |
| (feet) | No. | DEP | | | REC | US | SC Sym | bol | | | DES | SCRIPTION OF | | IALS | | PID ppm | ╛ |
| 0 | | | | 1 | 00% | + | SM/GI | | | 0. | 5-2' 8 | 0-0.5' asp Silt and Sand, Dark | | little gravel | | 0.0 | \dashv |
| 1 | D1-A | 0.5-1 | .0' | | | 4 | | _ | | | | | , | · • | | | \exists |
| 2 | D1-B | 1.5-2 | 2.0' | | | | SM | | | 2 | :-3'Sa | and with clay, Yell | ow Green | ı, little silt | | 0.0 | \dashv |
| 3 | | | | | |] | SM | | | | 3-4' | Clay with sand, Ye | llow Gre | en, moist | | | 긔 |
| 4 | - | | | | | - | | | | | | • | | | | | ╛ |
| 4 | | | | 1 | 00% | | SM | - | | , | | 4-6.5' Clay, Tar | ,little san | ıd | | 0.0 | \dashv |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | \dashv |
| | | | | | | | SW | | | 6.5-7.5' \$ | Sand, | Yellow Green/Da | rk Grey, l | little silt, clay, | wet . | | \exists |
| 7 | | | • | | | - | sw | | | | | 7.5-8' Sand, O | range, we | t | | | |
| 8 | D1-C | 7.5-8 | 3.0' | | | \dashv | | \dashv | | | | End of Expl | oration | | | | \dashv |
| | | | | | | | | | | | | | | | | | |
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| 12 | | | | | | | | \Box | | | | | | | | | \exists |
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| 14 | | | | | | + | _ | | | | | | | | | | \dashv |
| | | | | | | \perp | | | | | | | | | | | = |
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| 16 | L | L | ــــا | | | | | 1 | | | 1 | | | | | | \dashv |
| DRILLING | | | | | nted Geop | | ig | | | | | SURFACE ELE | | | | | } |
| TEMPORAL | | | | | | No | | | TO. | 374 | - | START DATE: | | 11/29/2003 | 1 | | |
| RISER FRO | м: | NA | TO: | NA | SCREEN | | и; | NA | TO: | NA. | | END DATE: | · | 1/29/2007 | | | _ |
| NOTES: PID mea Depths n NA=not | neasured | from gr | | | vals | | | | | | | | | | | | |

| | | | | I | BOI | RING I | LOG | } | | | | BORI | NG NUMBI | ER: P79-D2 |
|-----------------|----------------------------------|---------|------|--------------------------|----------|-------------|----------|-----------------|-----------|------------|-------------------------------|---------------|--------------------|---------------|
| SHAW | EN | VIRO |)NN | TENTAL O | <u> </u> | PROJEC | CT: | US Army BRAC | 2005 Site | e Investi | gation | JOB NU | JMBER: | 124976 |
| r | NFRA | STE | RUC | TURE | | LOCAT | ION: | Main Post, FTMN | 1, NJ | | | CLIEN | T: USACE | |
| | | | | | | | | | | | | DRILL | ER: Frank Ac | corsi |
| | | | | | | CONTR | ACT(| OR: TVS | | | | FIELD | REP: R.McCon | mick |
| | | | | SAMPLER | С | ASING | | ORE BARREL | | - | DEPTH | OF GROU | NDWATER | |
| | TYPE ZE (ID) | | Geor | orobe MacroCore | _ | | | | DATE | 11/29/ | 07' | | _ | |
| HAMM | ER WEI | | | NA | | | | | Ground | water D | epth (feet): | | 6.5' | |
| HAM | MER FA | | 1PLE | NA_ | L_ | | | | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | | USC Sym | ibol | | DESCR | RIPTIO | N OF MATER | RIALS | | PID ppm |
| 0 | D2-A | 0-0 | 51 | 100% | - | SW ML/SI | <u> </u> | | 15 15'5 | | Sand, Orange e Green/Brown | little cond | | 0.0 |
| 1 | | | | | | | | | | | | | | 0.0 |
| 2 | D2-B | 1.5- | 2.0' | | + | CL | | 1.5-3' S | ilty Clay | , Grey E | Brown, little sar | nd, coal frag | ments | 0.0 |
| | | | | | _ | | | | | | | | | |
| 3 | ├ | | | | + | CL | | | | 3-4' Cla | ay, Grey Brown | מ | | <u> </u> |
| 4 | | | | 1000/ | 7 | O | | | 1. | CL CI | * " C | 10 | | |
| | | | | 100% | \pm | CL | | | 4-6. | .5 Clay, | Yellow Green | Grey | | 0,0 |
| 5 | ļ | ļ | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | D2-C | 6-6 | .5'. | | + | SM | | 6.5-7 | 7.5' Sand | l with cla | ıy, Yellow Gre | en/Orange, v | vet | |
| | | | | | 1 | SW | | | 7.5-8 | | Orange, trace s | ilt, wet | | |
| 8 | | | | | + | | | | | End o | of Exploration | | | |
| 9 | \vdash | | | | \dashv | | <u> </u> | | | | | | | |
| | | | | | \perp | | | | | | | | | |
| 10 | | | | | + | | | | | | | | | |
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| 15 | | | | | - | | | | | | | | | |
| 16 | | | | | 工 | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | e Rig | | | s | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLE | D: | No | | | | s | START I | DATE: | 11/29/2 | 007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | E | END DA | TE: | 1/29/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | В | ORI | NG I | LOG | | | | BORING NUMB | ER: P79-D3 |
|-----------------|--|---------|----------|-----------------------------------|---------|-------------|------------------|-----------------------------------|--------------------|-----------------|--|------------------|
| | | | | IENTAL & | Šč | PROJEC | | US Army BRAC Main Post, FTM TVS | | tigation | JOB NUMBER: CLIENT: USACE DRILLER: Frank Act FIELD REP: R.McCon | 124976 ecorsi |
| | | | | SAMPLER | CAS | SING | СО | RE BARREL | T | DEPTH | I OF GROUNDWATER | |
| | TYPE | | Geop | robe MacroCore | | | | | DATE 11/29 | /07' | | |
| | ZE (ID) ER WEIG | THE | <u> </u> | NA NA | | | | | Groundwater I | Denth (feet): | 7.0' | |
| | MER FAI | | | NA NA | | | - | | Ordana water 2 | 1 | | |
| DEDELL | IN- | | IPLE | DEC | | CC C | | | DECCRIPTIO | N OF MATE | DIALC | DID |
| DEPTH (feet) | No. | DEP | 1H | REC | | SC Sym | 1001 | | | ON OF MATE | | PID ppm |
| 0 | | | | 100% | | SM/GI | P | | 0-1, Silt and S | and, Brown, tra | ace gravel | |
| 1 | D3-A | 0-0. | .5' | | - | ML/SF | , | | 1-2 5' Clavey | Silt, Brown, tr | ace sand | 0.0 |
| | | | | - | | | | | Omjoj | ,, u | | |
| 2 | D3-B | 1.5-2 | 2.0' | | 1 | CL | | , | .5-4' Clay, Yello | ou. Graan/Oran | no trans soud | 0.0 |
| 3 | | | | - | _ | CL | | 4 | .5-4 Clay, 16110 | ow Orech/Orang | ge, trace same | |
| | | | | | | | | | | | | |
| 4 | | | | 100% | + | CL | - | 4-6. | 5' Clay, Yellow (| Green/Orange, t | trace sand, moist | 0.0 |
| | | | | | | | | | , , | 3-, | , | |
| 5 | - | | | | | | | | | | | _ |
| 6 | | | | | + | | | | | | | |
| | | | | | | SW | | 6.5 | i-8' Sand, Light (| - ' | gravel,silt, wet | |
| 7 | D3-C | 6.5-7 | 7.0 | - | + | | | | | wet | | - |
| 8 | | | | | | | | | End | of Exploration | | |
| 8 | + | | | | - | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | - | | | | + | | | | | | | - |
| 10 | | | | | + | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | + | | | · · · · · · · · · · · · · · · · · | - | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | <u> </u> | | | | - | | | | | | | - |
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| 14 | | | | | \perp | | | | | | | |
| 15 | | | | | + | | | | | | | |
| | 1 | | | | | | | | | | | |
| 16 DRILLING | RIGTY | PE: | Tr | uck-mounted Geor | robe P | | , .l. | | SURFA | CE ELEVATIO | DN: | |
| | | | | | | -0 | | | | | | |
| TEMPORA | | | | | No | | | | START | | 11/29/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROI | M: | NA | TO: NA | END DA | ATE: | 11/29/2007 | |
| OTES: | | | | | | | | | - | | | |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | | | | | | | | |

| | | | | F | ORIN | G LO | G | | | BORIN | G NUMBE | R: P79-D4 | |
|--|------------------------------------|----------|--------------|--------------------------|--------------|-----------------|-------------------|------------------|-------------------|-----------|------------|--------------|--|
| SHAW | / ENI | /TRC | NN | ENTAL 6 | e, PR | OJECT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | BER: | 124976 | |
| | | | | TURE | * | | | | | CLIENT: | USACE | | |
| | 11.11. | | | LOILE | LO | CATION | : Main Post, FTMN | 1, NJ | | | | | |
| | | | | | | ****** | ron mia | | | DRILLER | Frank Acc | orsi | |
| | | | | | | NTRAC | ror: TVS | | | FIELD RE | P: R.McCom | nick | |
| | | | , | SAMPLER | CASIN | ıc | CORE BARREL | <u> </u> | DEPTH | OF GROUND | WATER | | |
| | TYPE | | | robe MacroCore | CAIDII | | | DATE 12/01 | | | L | | |
| | ZE (ID) ER WEIG | ייווד | | 2" NA | | _ | | Groundwater D | lamely (facely | | 6.5' | | |
| | MER FA | | | NA NA | | | | Groundwater L | pepur (reet): | | 0.3 | - | |
| | | | IPLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | | Symbol | | | ON OF MATER | | | PID ppm | |
| 0 | D4 4 | - 0 | £1 | 50% | S | M/GP_ | 4 | 0-1' Sand and | Silt, Brown, trac | e gravel | | - 00 | |
| 1 | D4-A | 0-0 | | | _ | CL | | 1-4' Si | ilty Clay, Brown | ı | | 0.0 | |
| 2 | D4-B | 1.5-2 | יחי | | | | _ | | | | | 0.0 | |
| | υ 4 -Β | 1.3-4 | 0 | | - | | - | | | | | 0.0 | |
| 3 | | | | | | |] | | | | | | |
| <u> </u> | - | } | | | - | - | - | | | | | | |
| 4 | | | | 100% | 4-5.5' Silty | Clay,Light Grey | | | 0.0 | | | | |
| 4 100% CL 4-5.5' Silty Clay,Light Grey | | | | | | | | | | | | | |
| 4 100% CL 4-5.5' Silty Clay,Light Grey | | | | | | | | | | | | | |
| 6 | | | | | | SW | | | en/Orange, trace | | | | |
| 7 | D4-C | 6-6 | .5' | | | | - | | | | | | |
| | | | | | | | - | | | | | | |
| 8 | | | | | | | | End | of Exploration | | | | |
| 8 | | | | | - | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | · | <u> </u> | | | | | | | | | | | |
| 10 | | | | | | | _ | | | | | | |
| 11 | | | | | | |] | | | | | | |
| 12 | | | | | | | _ | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | <u> </u> | | | _ | | | | | | | <u> </u> | |
| <u> </u> | <u> </u> | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | + | | | | _ | | -1 | | | | | | |
| | | | | | | | 1 | | | | | | |
| 16 | ! | | | | | | | 1 | | | | <u> </u> | |
| DRILLING | RIG TY | PE: | Tr | ick-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | No | | | START | DATE: | 12/1/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 1 | NA TO: NA | END DA | ATE: | 12/1/2007 | | | |
| NOTES: | | | | | _ | | | | | | | | |
| Depths | asuremen measured t applicab | from gr | | 1 6" intervals urface | | | | | | | | | |

| | | | | | В | ORING I | LOG | | | BOR | ING NUMB | ER: P79-D5 |
|---------------------|--|---------|-------|----------------|-----------|-----------------|------|-------------------------------|------------------------------|--------------------------|--------------|---------------|
| SHAW | V ENV | | | | | PROJEC LOCAT | | US Army BRAC Main Post, FTMN | 2005 Site Investigation | JOB NI CLIEN DRILL | | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | ľ | REP: R.McCor | |
| | | | | SAMPLE | | CASING | C | ORE BARREL | | TH OF GROU | INDWATER | |
| | TYPE ZE (ID) | | Geop | robe Mac 2" | roCore | | | | DATE 12/03/07' | | | |
| HAMM | ER WEI | | | NA | | · | _ | | Groundwater Depth (feet) | | 4.0' | |
| НАМ | MER FAI | | IPLE | NA | | | └т | | l | | | |
| DEPTH (feet) | No. | DEP | | R | EC | USC Syn | ıbol | | DESCRIPTION OF MA | TERIALS | | PID ppm |
| 0 | De A | - 0.0 | | 10 | 0% | ML | | | 0-1' Silt with clay, Red Bro | own, little sand | | |
| 1 | D5-A | 0-0 | .s | | | | - | | 1-1.5' incinerator a | sh/slag | | 0.0 |
| 2 | D5-B | 1.5-2 | , , , | | | CL | | | 1.5-3.5' Clay, Olive Gree | | | |
| | ₩.Б | 1.3-, | 6.0 | | | | | | | | • | 0.0 |
| 3 | 1 | | | | | SW | | 25416 | and, Yellow/Dark Green, I | ittle silt tenna ala | v wet | |
| 4 | D5-C | 3.5- | 1.0' | | | 34 | | 3,34 3 | End of Explora | | , wet | |
| 4 | | | | | | | - | | | | | |
| 5 | | | | | | <u>.</u> | | | | | | |
| 6 | | | | | | 1 | | | | | | |
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| 8 | - | | • | | | | | | | | | |
| 9 | | | | | | | | | | | | |
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| 11 | - | | | | | - | | | | | | |
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| 13 | | | | | | | - | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | - | | | | | - | | | | | | |
| | | | | | | | | | | | | |
| 16 DDI/ 1 D/G | DIC TO | NE. | | -1 | 1.0 | -L - D: | | | OVER 1 OF TV | TON | | |
| DRILLING TEMPORA | | | | | ted Geopr | obe Kig lo | | | SURFACE ELEVA START DATE: | TION: 12/3/20 | 007 | |
| RISER FRO | | NA | TO: | | SCREEN | | NI A | TO: NA | END DATE: | | | |
| | J1V1. | · · · · | 10. | IVA | JUNEEN | 1 AOWI. | MA | TO. NA | END DATE: | 12/3/2007 | | |
| Depths | asuremen measured t applicab | from gr | | | als | | | | | | | |

| | | | | | В | ORING | LOG | - | | | _ | BORING | G NUMBI | |
|-----------|--|----------|------------|-----------------------|------------|----------|----------|-------------|----------|-----------------|--------------------|-------------------|------------|--|
| | | | | | • | PROJE | | | DD A C 2 | OOS Cita Incom | ination. | JOB NUM | pen. | P79-D6 |
| SHAW | ENV | VIRC | NM | ENT | AL & | ; PROJE | CI: | OS Affily I | SKAC 2 | 005 Site Invest | igation | JOB NUMI | BEK: | 124976 |
| I | VFRA | STR | UC | TURI | E | I OCAT | TON- | Main Book | ETMAN (| MI | | CLIENT: | USACE | |
| | | | | | | LOCAT | ION: | Main Post, | rımm | , NJ | | | | |
| | | | | | | | | n | | | | DRILLER: | Frank Acc | corsi |
| | | | | | | CONTR | ACTO | R: TVS | | | | FIELD RE | P: R.McCon | mick |
| | | | | | | | | | | | | | | |
| | | | | SAMPLE | | CASING | C | ORE BARRI | | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Mac 2" | roCore | | <u> </u> | | | DATE 12/03 | /07' 1 | | | |
| HAMM | ER WEI | | | NA | | | | | | Groundwater I | epth (feet): | | 4.0' | |
| HAMI | MER FA | | | NA | | | <u> </u> | | | | | | l | - |
| DEPTH | No. | DEP | IPLE TH | R | EC | USC Syr | nbol | | | DESCRIPTIO | N OF MATER | IALS | | PID |
| (feet) | <u> </u> | <u> </u> | | | 2004 | | | | | 0.11011 | D Park | • | | ppm |
| 0 | D6-A | 0-0. | 5' | | 00% | SM | | | | 0-1 Sit, | , Brown, little sa | ma | | 0.0 |
| 1 | | | | | | CL | | | | 1-2' Silty Cl | lay, Brown, trac | e sand | | |
| 2 | D6-B | 1.5-2 | 2.0' | | | CL | | | 2-1 | 3.5' Clav Yello | w Green/Orang | e. trace sand | | 0.0 |
| | | | | | | | | | | ,, | J | ., | | |
| 3 | | | | | | sw | | 3 | 5-4 0' 9 | and Vellow G | reen/Orange Gr | ev little silt mo | niet | |
| 4 | D6-C | 3.5-4 | 1.0' | | | 3,, | | | .5-7.0 . | | of Exploration | cy, muc siic, me | 7131 | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| | <u></u> | | | | | | | | | | | | | |
| 6 | | | | | | | \dashv | | | | | | | - |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | • | | 1 | - | | | | | | | <u> </u> |
| 8 | | | | | | | | | | | | | | |
| 9 | 1 | | | | | + | | | | | | | | - |
| | | | | | | | | | | | | | | |
| 10 | <u> </u> | | | | | 1 | | | | | | | | |
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| 13 | <u> </u> | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | + | | | | | | | | |
| | ļ | | | | | | | | | | | | | |
| 16 | 1 | | | | | 1 | | | | 1. | | | | |
| DRILLING | RIG TY | PE: | Tra | ick-moun | ited Geopi | robe Rig | | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEI | L INST | ALLEI |) : | î | No | | | | START | DATE: | 12/3/2007 | | |
| RISER FRO | DM: | NA | TO: | NA | SCREEN | FROM: | NA | TO: | NA | END DA | ATE: | 12/3/2007 | | |
| NOTES: | | | | | | - | - | | | | | | | |
| | | | | .n. | | | | | | | | | | |
| | asuremen measured | | | n 6" interv urface | als . | | | | | | | | | |
| | applicat | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| | | | | В | ORING | LOC | } | | | BORIN | G NUMB | ER: P79-D7 |
|------------------|--|-------------|-------------|--------------------------|--|-----------|--------------|------------|---------------------------|---------------------|--------------|---------------|
| | | | | ENTAL & | & | ECT: | US Army BRAC | | Investigation | JOB NUM CLIENT: | BER: | 124976 |
| | | | | | | FRACTO | ŕ | , 110 | | DRILLER FIELD RE | : Frank Ac | |
| · | | - | | SAMPLER | CASING | Τ, | CORE BARREL | ι | DEDTH | OF GROUNI | WATED | |
| | ТҮРЕ_ | | | robe MacroCore | CASING | <u> </u> | | DATE | 11/30/07' | OF GROUND | WAIER | |
| | ZE (ID) | 7117 | ļ | 2" | | _ | | C | unter Donah (South) | | 6.5' | |
| | ER WEIG MER FAI | | | NA NA | | - | | Grounay | vater Depth (feet): | | 6.3 | |
| | | | IPLE | | | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | REC | USCS | ymbol | | DESCR | IPTION OF MATER | IALS | | PID ppm |
| 0 | | | | 100% | S' | N | 0- | 1' Sand, I | ight Orange, little silt, | trace gravel | | |
| 1 | D7-A | 0-0. | .5' | | - c | 1. | ł | 1-1 5' C | lay, Yellow/Orange, tr | ace sand | | 0.0 |
| 1 | | | | | S | | 1.5-4' | | llow Green/Orange, litt | | y | |
| 2 | D7-B | 1.5-2 | 2.0' | | | | 1 | | | | | 0.0 |
| 3 | - | | - | | | | 1 | | | | | |
| | | | | | | | | | | | | |
| 4 | \vdash | | - | 100% | S | w | 4-6 Sano | Yellow | Green/Orange, little si | lt. trace clay, m | noist | 0.0 |
| | | | | | | <u>''</u> |] | , 12 | 0.00.2 0.00.go, 0. | ,, , | | |
| 5 | | | | | - | | | | | | | |
| 6 | | | | | S | W | 6- | 7.5' Sand, | Orange/Light tan, trac | e gravel, wet | | |
| | D7-C | 6-6. | .5' | | _ | |] | | | | | |
| 7 | | | | | | L | ł | 7.5-8' S | ilty Clay, Dark Grey, li | ttle sand | | 1 |
| 8 | | | | | | | | | End of Exploration | | | |
| 8 | | | | | | | - | | | | | |
| 9 | † | | | | | | | | | | | |
| 10 | <u> </u> | | | | - | | | | | | | |
| 10 | | | | | 1 | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | - | | | | | - | 1 | | | | | ļ |
| 12 | | | | | | | | | | 1 | | |
| 13 | - | | | | | | - | | | | | |
| 13 | | | | | | | 1 | | | | | |
| 14 | | | | <u> </u> | | | 4 | | | | | |
| 15 | | - | | | _ | | 1 | | | | | |
| 14 | | | | | | | 1 | | | | | |
| 16 DRILLING | RIG TY | l PE: | Tn | ick-mounted Geor | robe Rig | | l | SI | URFACE ELEVATION | N: | , | 1 |
| TEMPORA | RY WEL | L INST | ALLEI |): | Yes | | | S | TART DATE: | 11/30/2007 | , | |
| RISER FRO | | NA | TO: | NA SCREE | | 3' | TO: 8' | | | 1/30/2007 | | |
| NOTES: | | | | | | | | | | 1 | | |
| PID me Depths | asuremen measured t applicab | from gr | | o 6" intervals arface | | | | | | | | |

| | | _ | | E | ORING 1 | LOG | 3 | | | BORIN | G NUMBE | CR: P79-E1 | |
|--|---------------------------------|------------|-------|---------------------------|-----------|-----------------|-----------------|-------------------|---------------------------------------|----------------|-------------|---------------|--|
| SHAW | ENV | /IRC | NM | IENTAL & | & PROJEC | CT: | US Army BRAC | 005 Site Invest | igation | JOB NUM | BER: | 124976 | |
| IN | IFRA | STR | UC | TURE | LOCAT | ION: | Main Post, FTMM | , NJ | | CLIENT: | USACE | | |
| | | | | | | | , | , | | DRILLER | : Frank Acc | orsi | |
| | | | | | CONTR | ACTO | OR: TVS | | | | P: R.McCorn | | |
| | | | | | | | | | | | | | |
| 1 | ГҮРЕ | | | SAMPLER robe MacroCore | CASING | _ | ORE BARREL | DATE 11/29 | | OF GROUNI | DWATER | i | |
| | ZE (ID) ER WEIG | GHT | | 2" NA | | | | Groundwater D | Denth (feet): | - | 7.0' | | |
| | MER FAI | LL | DY E | NA | | | | | | | | | |
| DEPTH (feet) | No. | SAM DEP | | REC | USC Syn | ibol | | DESCRIPTIO | ON OF MATER | IALS | | PID ppm | |
| 0 | | | | 100% | - \i | | | | -0.5' asphalt | | | | |
| 1 | El-A | 0.5-1 | .0' | | ML/G | | 0.5- | 1.5' Silt, Dark (| Green, little sand | , trace gravel | | 0.0 | |
| 2 | E1-B | 1.5-2 | יט | | SW | | | | and, Dark Brow , Dark Grey Bro | | | 0.0 | |
| | E1-B | 1.3-2 | | | | | | | | | | 0.0 | |
| 3 | | | | | SM | | | 3-4' Clay with s | and, Yellow Gre | en, moist | | | |
| 4 | | | | 1009/ | C | | | 65! Clay Valle | Craon troop | and maint | | 0.0 | |
| | | | | 10078 | CL. | o.5 Clay, Telic | Jw Green, nace | sand, moisi | | 0.0 | | | |
| 4 100% CL 4-6.5' Clay, Yellow Green, trace sand, moist 5 | | | | | | | | | | | | | |
| 6 | | | | | sw | | _ | 5 7 5' Cand 1 i | ght Orange Brow | un/Vallaur | | | |
| 7 | E1-C | 6.5-7 | '.0' | | | | | | - | | | | |
| 8 | | | | | SM | | | | rith silt, Light Gr of Exploration | ey, wet | | | |
| 8 | | | | | | | | | • | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
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| 15 | | | | | | | | | | | | | |
| 16 · . | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted Geop | orobe Rig | | | SURFAC | CE ELEVATION | ٧: | | | |
| TEMPORA | RY WEL | L INSTA | ALLEI | D : | No | | | START | DATE: | 11/29/2007 | ! | - | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | NA | TO: NA | END DA | ATE: 1 | 1/29/2007 | | | |
| NOTES: | | | | | | | - | | • | T | | | |
| Depths r | suremen neasured applicab | from gro | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | LOG | } | | BORING NUM | BER: P79-E2 |
|-----------------|-------------------------------------|--------------|------|--------------------------|-----------------|------|-------------------------------|----------------------------|------------------------------|----------------|
| | | | | IENTAL & | PROJEC LOCAT | | US Army BRAC Main Post, FTMN | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONTR | ACTO | OR: TVS | | DRILLER: Frank | Accorsi |
| | | | | | CONTR | ACIU | JK: 1V5 | | FIELD REP: R.McC | ormick |
| | | | | SAMPLER | CASING | (| ORE BARREL | | PTH OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore | | | | DATE 11/30/07' | | |
| | ER WEI | 3HT | | NA NA | | | | Groundwater Depth (feet) | : 6.5' | |
| HAM | MER FA | | | NA | | Ш, | | <u> </u> | | |
| DEPTH (feet) | No. | SAN DEP | TH | REC | USC Syn | nbol | | DESCRIPTION OF MA | TERIALS | PID ppm |
| 0 | | | | 100% | SM | | | 0-1' Silt and Sand, | Brown | |
| I | E2-A | 0-0 | .5' | | CL | | | 1-2.5' Silt and Clay | , Brown | 0.0 |
| 2 | Е2-В | 1.5- | 2.0' | | CL | | | 2.5-4' Clay, Yellow Gr | een/Orange | 0.0 |
| 3 | - | | | | | | | | | |
| 4 | ├ | | | | | | | | | |
| 4 | | | | 100% | CL | | | 4-6.5' Clay, Yellow Green | /Orange, moist | 0.0 |
| 5 | - | | | | | | | | | |
| 6 | 1 | | | | | | | | | |
| | E2-C | 6-6 | i.5' | | SW | | 6.5-8 | Sand, Yellow Green, little | silt, trace gravel, wet | |
| 7 | +- | | | _ | | | | | | |
| 8 | | | | - | | | | End of Explora | tion | |
| 8 | - | | | | - | | ł | | | - |
| 9 | | | | | - | | | | | |
| 10 | + | | | | | | | | | |
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| 12 | + | \vdash | | | | | ł | | | |
| 13 | | | | | <u> </u> | | I | | | |
| 14 | | | |) | | | 1 | | | |
| | | | | | | |] | | | |
| 15 | +- | | | | 1 | | 1 | | | <u> </u> |
| 16 | 1 | | | | Ì | | 1 | | | |
| DRILLING | | | | uck-mounted Geopi | obe Rig | | | SURFACE ELEV | | |
| TEMPORA | RY WEI | L INST | ALLE | D: . | l'es | | | START DATE: | 11/30/2007 | |
| RISER FRO | OM: | NA | TO: | NA SCREEN | FROM: | 5' | TO: 10' | END DATE: | 11/30/2007 | |
| NOTES: | | | | | | | | | | |
| Depths | easuremen measured t applicat | l from g | | n 6" intervals urface | | | | | | |

| | | | | _ | BO | RING I | LOG | . | | . |] | BORIN | G NUMBE | R: P79-E3 |
|-----------------|----------------------------------|---------|------|--------------------------|-------|---------|------|----------------|-------|-------------------------------|----------|-----------|------------|--------------|
| | | | | ENTAL | & | PROJEC | CT: | US Army BRAC | 200 | 5 Site Investigation | | OB NUM | BER: | 124976 |
| 11 | NEKA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTM | M, N | IJ | | DRILLER | | |
| | | | | | | CONTR | ACTO | R: TVS | | | | | | |
| _ | | | | | | | | | | | | FIELD RE | P: R.McCom | nck |
| - | ГҮРЕ | | | SAMPLER | | CASING | c | ORE BARREL | ļ., | DEPT | H OF | GROUND | WATER | 1 |
| SIZ | ZE (ID) | | Сеор | robe MacroCor 2" | | | | | | | | | | |
| | ER WEIC | | _ | NA NA | | | | | Gr | oundwater Depth (feet): | | | 3.5' | ļ |
| _ | | SAN | IPLE | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | bol | | | ESCRIPTION OF MATE | | | | PID ppm |
| 0 | E3-A | 0-0 | 5' | 100% | | ML | | | 0 | -1' Silt, Brown, little sand, | trace | lay | | 0.0 |
| 1 | DJ-R | 0-0. | | | | SM | | | | 1-2' Sand and Silt, Olive | Browi | n | | |
| 2 | E3-B | 1.5-2 | 2.0' | | | CL | | | | 2-3' Silty Clay, Brow | vn | | | 0.0 |
| 3 | E3-C | 3-3 | 51 | | | CL | | 3- | 4' Cl | ay, Yellow Green/Orange, | little s | sand, wet | | |
| 4 | E3-C | 3-3 | ., | | | | | | | End of Exploration | 1 | | | |
| 4 | | | | | | | | | | | | | | ļ |
| 5 | | | | | | | | | | | | | | |
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| 14 | | | | | | | | | | | | | | |
| 15 | | | - | | | | | | | | | | | |
| 16 | - | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted G | eopro | be Rig | | | | SURFACE ELEVATION | ON: | | | • |
| TEMPORA | | | | | No | | | | | START DATE: | | 12/1/2007 | | |
| RISER FRO | | NA | TO: | NA SCRI | EEN F | ROM: | NA | TO: NA | | END DATE: | 12/1 | /2007 | | |
| NOTES: | | | | - | | | | | | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | | |

| | | | | | ORING | LOG | } | | | BORING | S NUMBE | R: P79-E4 |
|-----------------|------------------------------------|---------|------------|------------------------|-----------|---------------|--------------|--------------------------------------|----------------|-----------------|-----------|--------------|
| | | | | ENTAL & | i | ECT: TION: | US Army BRAC | 005 Site Investigation | | JOB NUMI | USACE | 124976 |
| | | | | | CONT | RACTO | OR: TVS | | | DRILLER: | Frank Acc | |
| | | | | SAMPLER | CASING | (| ORE BARREL | | DEPTH O | F GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | ļ | | DATE 11/30/07' | | | | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (f | eet): | | 5.5' | - |
| HAM | MER FA | | ON F | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | USC S | mbol | | DESCRIPTION OF | MATERIA | LS | | PID ppm |
| 0 | | | | 100% | SM/ | GP | 0-4 | ' Silt and Sand, Orange | e/Brown, tra | ace gravel | | |
| 1 | E4-A | 0-0. | .5' | | | | | | | | | 0.0 |
| 2 | E4-B | 1.5-2 | 2.0' | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | |
| 4 | - | | | | | | | | | | | |
| 4 | | | | 100% | SN | 1 | 4-5' S | and with silt, Orange B | rown/Yello | w Green, wet | : | 0.0 |
| 5 | <u> </u> | | | | SI | • | 5-7.5' \$and | , Dark Grey/Yellow G | reen, little s | ilt, trace clay | , wet | |
| 6 | E4-C | 5-5. | .5' | | <u> </u> | | | | | | | - |
| 7 | | | | | | | | | | | | |
| 8 | | _ | | | SN | 1 | | 7.5-8' Sand and Silt, End of Expl | | , wet | | |
| 8 | | | | | | | | End of Exp | ioranon | | | - |
| 9 | | | | | | | | | | | | |
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| 14 | - | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | | | | | | | _ |
| DRILLING | RIG TY | PE: | Τn | ick-mounted Geop | probe Rig | | | SURFACE ELE | EVATION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI |): | Yes | | | START DATE: | | 11/30/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 3.5 | ' TO: 8.5' | END DATE: | 11/3 | 30/2007 | | |
| NOTES: | | | | | | | | | | } | | |
| Depths | asuremen measured t applicab | from gr | | 6" intervals urface | | | | | | | | |

BORING NUMBER: **BORING LOG** P79-E5 PROJECT: US Army BRAC 2005 Site Investigation JOB NUMBER: 124976 SHAW ENVIRONMENTAL & CLIENT: USACE **INFRASTRUCTURE** LOCATION: Main Post, FTMM, NJ DRILLER: Frank Accorsi CONTRACTOR: TVS FIELD REP: R.McCormick SAMPLER CASING CORE BARREL DEPTH OF GROUNDWATER TYPE DATE 12/03/07' Geoprobe MacroCore SIZE (ID) HAMMER WEIGHT NA Groundwater Depth (feet): 3.5' HAMMER FALL NA SAMPLE DEPTH REC USC Symbol DESCRIPTION OF MATERIALS DEPTH PID (feet) 100% 0-1' Silt with clay, Red Brown, little sand 0 ML E5-A 0-0.5' 0.0 1 1-1.5' incinerator ash/slag 1.5-2.5' Silt and Sand, Brown, coal fragments SM 2 1.5-2.0 E5-B 0.0 2.5-3.5' Clay, Yellow Green, trace sand, moist CL 3 E5-C 3-3.5 CL 3.5-4' Silty Clay, Light green, trace sand, wet 4 End of Exploration 4 5 6 7 8 8 9 10 11 12 12 13 14 15 16 DRILLING RIG TYPE: SURFACE ELEVATION: Truck-mounted Geoprobe Rig 12/3/2007 TEMPORARY WELL INSTALLED: START DATE: No RISER FROM: NA TO: NA SCREEN FROM: NA TO: END DATE: 12/3/2007 NA PID measurements were taken in 6" intervals Depths measured from ground surface NA=not applicable

| | | | |] | BO | RING I | COG | - | | | | BO | RING | NUME | BER: P79 | -E6 |
|-----------------|------------------------------------|----------|----------|------------------------|-----------|---------|------|---------------|------------|-------------|---------------------------------------|-------------|-----------------|--------------|-------------|------------|
| | | | | IENTAL TURE | & | PROJEC | | US Army BRAC | | te Investig | ation | JOB | NUMB | ER: USACE | 124 | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | - 1 | LLER: LD REP | Frank A | | |
| | | | | SAMPLER | | CASING | С | ORE BARREL | | | | OF GRO | DUNDV | VATER | | |
| | TYPE | | Geop | robe MacroCore 2" | - | | | | DATE | 11/30/0 | 7' | | | | | |
| | ZE (ID) ER WEIG | ЭНТ | | NA NA | ╫ | | | | Ground | dwater De | oth (feet): | | | 3.0' | | - |
| | MER FA | | | NA | | | | | | T | | | | | | |
| n translated | | | PLE | ~~~ | | ***** | | | | | | | | | - 1 | |
| DEPTH (feet) | No. | DEP | TH | REC | | USC Sym | lod | | DESC | RIPTION | OF MATE | RIALS | | | - 1 | PID ppm |
| 0 | | | | 100% | | SM/GI | · | | 0-1' S | ilt and San | d, Brown, tra | ce gravel | | <u>-</u> | | |
| ĭ | E6-A | 0-0. | 5' | | \exists | ML | | 1 | -2.5' Silt | , Olive Br | own, little sar | ıd, trace c | lay | | F | 0.0 |
| 2 | E6-B | 1.5-2 | 2.0' | | | SP | | 2 5- | 4' Sand | Grev/Ora | nge, little silt, | trace clay | v wet | | - | 0.0 |
| 3 | E6-C | 2.5-3 | .0' | | | | | 2.0 | , | 0.0,7.0 | .g., a, | | ,, | | | |
| 4 | | | | | \Box | | | | | | | | | | | |
| 4 | | | | 100% | | SP | | 4-8 | 3' Sand, (| Grey/Oran | ge, little silt, t | race clay | , wet | | | 0.0 |
| 5 | | | | | \dashv | | | | | | | | | | | |
| 6 | | | | | _ | | | | | | | | | | - | |
| 7 | | | | | 4 | - | | | | | | | | | | |
| 8 | | | | | | | | | | End of | Exploration | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | \dashv | | | ÷14.0 | | | | | | | - | |
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| 16 | | | | | | | | | . , | | · · · · · · · · · · · · · · · · · · · | | | | | |
| DRILLING | RIG TY | PE: | Tru | ck-mounted Ge | oprob | e Rig | | | | SURFACE | ELEVATIO | N: | | | | |
| TEMPORA | RY WEL | L INST | ALLED |): | Yes | ; | | | | START D | ATE: | 11/30 | 0/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA SCREI | EN FI | ROM: | 3.5 | TO: 8.5' | 1 | END DAT | E: | 11/30/200 |)7 | | | |
| NOTES: | | | | | | | | | | | | -1 | | | | |
| Depths | asuremen measured t applicab | from gre | | 6" intervals irface | | | | • | | | | | | | | |

| | | | | H | 30] | RING I | COG | i r | | | BORIN | G NUMBE | R: P79-E7 |
|-----------------|--------------------------------------|----------|-------------|--------------------------|--------------|----------|------|----------------------|---------------|---------------------|------------------|--------------|--------------|
| | | | | TENTAL O | <u>&</u> | PŘOJEC | | US Army BRAC 2 | | estigation | JOB NUM | IBER: | 124976 |
| | | | | | | 1 | | , | • | | DRILLER | : Frank Acco | orsi |
| | | | | | | CONTR | ACTO | DR: TVS | | | | EP: R.McCom | |
| | | | | SAMPLER | C | ASING | C | ORE BARREL | _ | | OF GROUNI | OWATER | |
| | TYPE IZE (ID) | | Geop | orobe MacroCore 2" | | | | | DATE 12 | /03/07' | 1 | | |
| HAMM | IER WEI | | | NA | | | | | Groundwate | r Depth (feet): | | 4.0' | |
| HAM | MER FA | | MPLE | NA | <u> </u> | | | | | | L | | |
| DEPTH (feet) | No. | DEI | | REC | | USC Sym | bol | | DESCRIPT | ION OF MATE | RIALS | | PID ppm |
| 0 | EG A | - 0.6 | \ E! | 100% | 7 | SM | | | 0-1' | Silt with sand, Bro | wn | | |
| 1 | E7-A | 0-0 | | | | | | | | ncinerator slag, as | | | 0.0 |
| 2 | E7-B | 1.5- | 2 0' | | -[| ML CL | = | , | 1.5-2' Silt v | ith clay, Brown, t | race sand | | 0.0 |
| | D,-D | 1,,,- | ∠, ∪ | | | CL | | 2- | J.J Ciay, It | now Olecil/Olang | o, a ace Sana | | 0.0 |
| 3 | + | | | | 4 | sw | | 3 5_A' Co. | nd Vellow G | reen/Orange Dark | Grev little cile | wet | |
| 4 | E7-C | 3.5- | 4.0' | | | | | 3.5 - 5ai | | nd of Exploration | Orey, Indie sin | , wet | |
| 4 | | | | | + | | | | | | | | |
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| 16 | | | | | 1 | | | | - | | | | |
| DRILLING | RIG TY | PE: | ·Tr | uck-mounted Geo | prob | e Rig | | | SURI | ACE ELEVATIO | N: | | |
| TEMPORA | ARY WEI | L INST | ALLE | D: | No | | | | STAI | RT DATE: | 12/3/2007 | , | |
| RISER FRO | ОМ: | NA | TO: | NA SCREE | N FI | ROM: | NA | TO: NA | END | DATE: | 12/3/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| · Depths | easuremen measured ot applicab | l from g | | n 6" intervals urface | | | _ | | | | | | |

| | | | | B | ORING I | LOG | } | | BORING NUMBE | R: P80-SB1 |
|---------------------|-------------------------------------|---------|------|------------------------|--------------------------|------|------------------|----------------------------------|--|----------------|
| | | | | ENTAL & | PROJEC LOCAT CONTR | ION: | Main Post, FTMN | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE DRILLER: Frank According FIELD REP: R.McCorm | 124976 orsi |
| _ | | | | SAMPLER | CASING | C | ORE BARREL | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | · - | | | DATE 12/13/07' | | |
| HAMM | ER WEIC | | | NA | | | | Groundwater Depth (feet): | 6.0' | |
| HAM | MER FAI | | | NA | | _ | | | | ļ |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syn | ibol | | DESCRIPTION OF MATERI | ALS | PID ppm |
| 0 | | | | 100% | SP | | | 0-1' Sand with gravel, Bro | wn | |
| 1 | SB1-A | 0-0. | 5' | | CL | | | 1-2' Clayey Silt, Grey | | 0.0 |
| 2 | SB1-B | 1.5-2 | 2.0' | | CL | | | 2-3' Silty Clay, Olive Bro | vn | 0.0 |
| 3 | | | | | SM | | 3-4' Sand a: | nd Silt, Orange/Olive Yellow Gr | en, little clay, moist | |
| 4 | | | | 100% | SM | | 4-5.5' Sand | and Silt, Orange/Olive Yellow G | reen, little clay, moist | 0.0 |
| 5 | | | | | | | | | | |
| 6 | SB1-C | 5.5-0 | 5.0' | | SP | | 5.5-7' Sand, Ora | nge Dark Grey/Yellow Olive Br | own, little gravel,silt, wet | |
| 7 | | | | | SM | | 7-8 | Silt with sand, Light Grey/Olive | Brown, wet | |
| 8 | | | | | | | | End of Exploration | | |
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| 16 |] | | | | | | | | - | |
| DRILLING TEMPORA | | | | ick-mounted Geoj | probe Rig Yes | | | SURFACE ELEVATION START DATE: | 12/13/2007 | |
| RISER FRO | | NA | TO: | na scree | | , 5' | TO: 10' | | 2/13/2007 | |
| NOTES: | | | | | | | | <u> </u> | | r |
| PID me Depths | asurement measured t applicab | from gr | | 6" intervals ırface | | | ٠ | | | |

| | | | | | В | OF | RING I | LOG | ; | | _ | | | | BORI | ٧G | NUI | | R: P80-SB2 | |
|-----------------|--|---------|------------|----------------|-----------|---------|---------|------|---------------------|----------------|-----------------|--------|-------------|--------|--|-----|------------|---------|----------------|----------|
| SHAW | ENV | | | | | & | PROJEC | | US Army Main Pos | | 2005 Site Inve | stigat | ion | | JOB NUI | | ER: USA | | 124976 | - |
| | | | | | | | LOCAT | ion. | Ivialii FOS | or' 1. 1 IATIA | 1, 143 | | | | DRILLE | R: | Fran | ık Acco | rsi | _ |
| · | | | | | | | CONTR | ACTO | OR: TV | 'S | | | | | FIELD R | | | | | |
| | | | | SAMPL | | C. | ASING | (| ORE BARI | REL | | | DEPT. | H O | F GROUN | IDV | /ATE | R | | |
| | TYPE ZE (ID) | | Geor | orobe Ma 2" | croCore | | | | | | DATE 12/1 | 3/07' | | _ | | 4 | | | - | |
| HAMM | ER WEI | | | NA | | | | | | | Groundwater | Dept | h (feet): | | | 1_ | 5.0' | | - | |
| HAMI | MER FA | | I I | NA | | | | | | | <u> </u> | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | 1 | REC | | USC Syn | ibol | | | DESCRIPTI | ON (| OF MATE | RIA | LS | | | | | ID pm |
| 0 | SB2-A | 0-0 | 61 | | 50% | | SM/GI | , | | | 0-2.5' Silt and | San | i, Brown, | little | gravel | | | | F, | |
| 1 | 3D2-A | 0-0 | .5 | | | + | | | | | | | | | | | | | <u>ا</u> | 0.0 |
| 2 | SB2-B | 1.5-2 | 201 | | | | | | | | | | | | | | | | | |
| | SD2-D | 1,3-2 | 2,0 | | | - - | SM | | | 2.5- | 4' Sand with si | lt, Ol | ive Green/ | Dark | Grey, coa | ıl | | | ا ا | 0.0 |
| 3 | | | | | | \Box | - | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | - | |
| 4 | | | | 1 | 00% | \perp | SM | | 4-5' | Sand and | l Silt, Dark Gr | ey Or | ange/Yell | ow G | reen, little | cla | y, wet | | 0 | 0.0 |
| 5 | SB2-C | 4.5-: | 5.0' | | | | SM | | | 5-81 | Silt with sand, | Ligh | GrevΩra | nae C | live Brow | m | | | | |
| | | | | | | ⇉ | | | | 50, | one with sund, | 2.6 | orej ora | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | *** | | | | |
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| 7 | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | г. | 1 - 61 | | | | | | | | |
| 8 | | | | | | + | - | | | | En | d 01 1 | Exploration | 1 | | | | | 1 | |
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| 16 | DIC TV | DE- | Tr - | | 16 | | n: | | | | | | | | | | | | | |
| DRILLING | | | | | nted Geop | | : Kig | | | | | | ELEVATIO | ON: | | | | | | |
| TEMPORA | RY WEL | L INST. | ALLEI | D: | | Yes | | | | | START | 'DA | ΓE: | | 12/13/200 | 07 | | | | |
| RISER FRO |)M: | NA | TO: | NA | SCREE | V FR | ОМ: | 5' | то: | 10' | END D | ATE | : | 12/1 | 3/2007 | | | | | |
| Depths 1 | asuremen measured applicab | from gr | | | vals | | | | | | | | | | | | | | | |

| | | | - | | В | ORIN | iG LO |)G | | | | | | | | BORI | IG N | UMB | | |
|--|----------------------------------|--------|-------------|---------------|---------------------------------------|----------|---------|-----------|-------------|-------|---------|-----------|----------|-------------|----------|-------------|------|---------|----------|----------------------|
| SHAW | ENV NFRA | STI | | | | z | OJECT: | | US Army I | | | | tigati | ion | | JOB NUI | | JSACE | | - SB3 1976 |
| | | i+ | | | | | | | | | | | | | | DRILLE | R:) | Frank A | ccorsi | |
| | | | | | | Co | NTRAC | TOR | : TVS | | | | | | | FIELD R | EP: | R.McCo | rmick | |
| | | | | SAMPL | | CASIN | NG | CO | RE BARRI | | | | | DEPI | H OI | F GROUN | DWA | TER | | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | - | | | | DATE | 12/13 | 107 | | 1 | | | | + | |
| HAMM | ER WEIC | | | NA | | | | | | | Groun | dwater I | Depti | h (feet): | | | | 5.51 | | |
| HAM | MER FAI | | | NA | | | | | | 1 | | | <u> </u> | | | | Щ. | | - | |
| DEPTH (feet) | No. | | MPLE PTH | | REC | USC | C Symbo | ıl | | : | DESC | RIPTIC | ON C | OF MAT | ERIA | LS | | | | PID ppm |
| 0 | | | | | 70% | S | M/GP | | | 0-1.5 | Sand | with silt | , Bro | own/Tan, | little | gravel, coa | ıl | | 工 | |
| 1 | SB3-A | 0-1 | 0.5' | | | - | | | | | | | | | | | | | H | 0.0 |
| | | | | | | N | ML/SP | | | 1.5-4 | Silt, D | Dark Gre | y/Ol | ive Brow | n, littl | le sand, co | al | | | |
| 2 | SB3-B | 1.5 | -2.0' | | | | | | | | | | | | | | | | ⊢ | 0.0 |
| 3 | | | | | 1. | | | | | | | | | | | | | | þ | |
| 4 | | | | | | - | | -1 | | | | | | | | | | | ⊢ | |
| 4 | | | , | | 100% | | SM | | | 4-6' | Sand | and Silt, | Yell | low Gree | n with | clay, wet | | | ℸ | 0.0 |
| 5 | | | | | ··· | + | | 4 | | | | | | | | | | | ⊢ | |
| <u>. </u> | SB3-C | 5 | 5.5' | | | | | | | | | | | | | | | | E | |
| 6 | | | | | | | SW | - | | | 6-7' | Sand, O | range | e/Olive B | rown, | , wet | | | \vdash | |
| 7 | | | | | | | SM | 7 | | 7-8' | Silt wi | ith sand, | Ligh | ht Grey/C | live I | Brown, we | t | | F | |
| 8 | | | | | • | | | _ _ | | | | End | of E | Exploration | n | | | | _ | |
| 8 | | | | | | - | | - | | | | | | | | | | | - | |
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| DRILLING | RIG TY | PE: | Tn | uck-mou | inted Geop | robe Rig | | | | | | SURFA | CE I | ELEVAT | ION: | | | | | |
| TEMPORA | | | | | _ | No | | | | | | START | DA' | TE: | | 12/13/20 | 07 | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | FROM: | : | NA | TO: | NA | , | END DA | ATE | : | 12/ | 13/2007 | | | | |
| NOTES: | | | | | | | | | <u>-</u> | | | | | | | -1 | | | | |
| Depths | asuremen measured applicab | from g | | | rvals | | | | | | | | | | | | | | | |

| | | | | | В | OF | RING I | LOG | ļ | | | | | | | BOR | INC | NUM | | : 80-SB4 | |
|-----------------|------------------------------------|---------|-------|---------------|-----------|-----------|---------|-------|------------|---------|--------|------------|--------|-----------|-------------|--------------|-------|-------|----------|-------------|----------|
| SHAW | ENV | /IRC | NM | ENT | TAL & | } | PROJEC | CT: | US Army l | BRAC 2 | :005 | Site Inve | estig | ation | | JOB N | UMB | ER: | | 24976 | |
| | IFRA | | | | | | LOCAT | ION: | Main Post, | , FTMM | , NJ | | | | | CLIE | VT: | USACE | = | | |
| | | | | | | | CONTRA | . OTO | | | | | | | | DRILI | ER: | Frank | Accors | i | |
| | | | | | | | CONTR | ACTO | R: TVS | • | | | | | | FIELD | REF | R.McC | Cormic | k | |
| | - | | | SAMPL | | C. | ASING | С | ORE BARRI | EL | | | | | ЕРТН С | F GRO | UND | WATER | | | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | стоСоге | | | | | | DA? | ΓE 12/ | 13/0 | 7' | | | - | | | | |
| HAMM | ER WEIC | | | NA | | | | | | | Gro | undwater | De | pth (feet | 1): | | | 6.5' | | • | |
| HAMI | MER FAI | | IPLE | NA | | | | | | | | | | | | | | | | | \dashv |
| DEPTH (feet) | No. | DEP | | F | REC | Ι | USC Sym | ibol | | | DES | SCRIPT | ION | OF M. | ATERL | ALS | | | | PID ppm | |
| 0 | SB4-A | 0-0 | 5, | | 70% | 4 | SM/GI | P | | 0-1.5 | ' Sar | nd with si | ilt, E | Brown/T | an, little | e gravel, | coal | | | 0.0 | - |
| ī | SD4-A | | ر. | | | \pm | | | | | | | | | | | | | ŀ | 0.0 | |
| 2 | SB4-B | 1.5-2 | 2.0' | | | | SM | | | 1.5-3.5 | Silt | with san | d, O | range/L | ight Gre | ey/Olive | Browi | 1 | | 0.0 | |
| 3 | | | - | | | ╁ | | | | | | | | | | | | | | | |
| | | | | | | _ | ML/SI | | | 3.5 | 5-4' S | Silt, Dark | Gre | een/Darl | Green, | , little sar | ıd | | ĺ | | _ |
| 4 4 | | | | 1 | 00% | ╁ | CL | | | 4 | -7' S | ilty Clay | , Da | rk Gree | n/Dark (| Grey, we | t t | | \dashv | 0.0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | + | | | | | | | | | | | | | | | \dashv |
| | SB4-C | 6-6 | .5' | | | 丰 | | | | | | | | | | | | | | | |
| 7 | | | | | | | SP | | | 7-8' | Sand | , Yellow | Lig | ht Gree | n, little s | silt, clay, | wet | | ŀ | | - |
| 8 | | | | | | Ī | | = | | | | Er | ıd o | f Explor | ation | | | | | | \Box |
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| 16 | | | | | | | | | | | | | | | • | | | | | | |
| DRILLING | RIG TYI | PE: | Tn | ick-mou | nted Geop | robe | e Rig | | | | 1 | SURF. | ACI | E ELEV | ATION | : | | | | | |
| TEMPORA | RY WEL | L INST | ALLEI |): · | | No | | | | | | STAR | T D | ATE: | | 12/13/ | 2007 | | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | ۷ FR | OM: | NA | TO: | NA | | END I | DAT | TE: | 12 | 2/13/2007 | · | | | | |
| NOTES: | _ | | | | | | | | | | | | | | | | | | | | |
| Depths | asuremen measured : applicab | from gr | | | vals | | | | | | | | | | | | | | | | |

| | | | | F | BORING | LOC | Ç | | BORING NUM | BER: P83-A1 |
|-----------------|----------------------------------|---------|-------|--------------------------|-------------|------|--------------|---------------------------------|------------------------------|----------------|
| | | | | IENTAL & | PROJE | | US Army BRAC | 2005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | CONT | мст | OR: TVS | | DRILLER: Frank | Accorsi |
| | | | | | 00111 | | | | FIELD REP: C.A | |
| | | | | SAMPLER | CASING | - | ORE BARREL | | OF GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | - | | | DATE 12/14/07' | | |
| HAMM | ER WEI | | | NA | | | | Groundwater Depth (feet): | 3.0' | |
| HAM | MER FA | | (DIE | NA | | | | | | <u> </u> |
| DEPTH (feet) | No. | DEP | TH | REC | USC Syr | nbol | | DESCRIPTION OF MATER | IALS | PID ppm |
| 0 | | | | 100% | GW | | | 0-0.5' Gravel, Black | P 40 | |
| 1 | A]-A | 0-0 | .3' | | SM/G | w | 0.5 | -3' Sandy Clay with gravel, Tan | Brown/Green | 0.0 |
| 2 | A1-B | 1.5-2 | 2.0' | | | | | | | 0.0 |
| 3 | A1-C | 2.5- | 3.0' | | SP | | | 3' Sand, Tan Brown, w | et | |
| 4 | <u> </u> | | | | | | | End of Exploration | | |
| 5 | | | | | | | | | | |
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| 14 | <u> </u> | | - | | 1 | | | | | |
| 15 | | | | - | | | | | | |
| 16 | <u> </u> | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | ick-mounted Geoj | orobe Rig | | | SURFACE ELEVATION | 1 : | |
| TEMPORA | RY WEL | L INST | ALLEI |) | Yes | | | START DATE: | 12/14/2007 | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | 3' | TO: 8' | END DATE: | 2/14/2007 | |
| NOTES: | | | | | | | | - · ! | | • |
| Depths r | asuremen measured applicab | from gr | | e 6" intervals urface | | | | | | |

| | | | | 3 | BOE | RING I | COG | · | | • | BORING | G NUMBE | R: P83-A2 |
|-----------|----------------------------------|------------|------------|---------------------------|---------------|---------|------|-----------------|------------------|----------------------------------|--|-------------|--------------|
| | | | | ENTAL | & | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUMI | | 124976 |
| IN | IFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT: | USACE | |
| | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | OR: TVS | | | FIELD RE | Pt CA | |
| | | _ | | | | ļ . | | | | | | | |
| 3 | TYPE | | | SAMPLER robe MacroCore | _C | ASING | | ORE BARREL | DATE 12/14 | | OF GROUND | WATER | 1 |
| | ZE (ID) | TUT | | 2" NA | | | | | Groundwater I | | | 4.0' | |
| | MER FAI | LL | | NA NA | | | | | Groundwater L | Jepai (leet). | | 4.0 | |
| DEPTH | No. | SAM DEP | IPLE TH | REC | $\overline{}$ | USC Sym | bol | | DESCRIPTIO | ON OF MATER | IALS | | PID |
| (feet) | <u> </u> | | | 100% | - | | | | 0-0.5 | ' asphalt, gravel | | | ppm |
| | 42.4 | 0.5 | | | \downarrow | GW | | 0 | | h sand, Tan Bro | vn/Orange | | 0.0 |
| 1 | A2-A | 0.5-1 | | <u>.</u> | \pm | _ | | | | | | | |
| 2 | A2-B | 1.5-2 | 2.0' | | | SM | | | | .1-coal seam .d, Green/Tan Br | own, wet | | 0.0 |
| 3 | | | | | _ | | | | , 5 | | -, | | |
| 4 | A2-C | 3.5-4 | 1.0' | | | | | | End | of Exploration | | | |
| 4 | | | | | | | _ | | | | | | |
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| 12 12 | | | | | \pm | | | | ···· | | ······································ | | |
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| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TY | PE: | . Tn | ick-mounted Geo | probe | Rig | | | SURFA | CE ELEVATION | 1 : | | |
| TEMPORA | RY WEL | L INST | ALLEI | | No | | | | START | DATE: | 12/14/2007 | | |
| RISER FRO |)M: | NA | TO: | NA SCREE | N FR | OM: | NA | TO: NA | END DA | ATĒ: I | 2/14/2007 | | |
| NOTES: | | | | | | | | | | | | | |
| Depths : | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | | В | OR | ING I | oG | } | | | | BORING | G NUMB) | ER: P83-A3 |
|-----------------|----------------------------------|---------|-------|------------|---------------|---------|-----------------|------|-----------|----|-------------------------------|-----------|--------------------|---------------|---------------|
| SHAW | ENV | | | | | | PROJEC LOCAT | | US Army B | | 5 Site Investigation | 1 | JOB NUM CLIENT: | BER: USACE | 124976 |
| | | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER: | | corsi |
| | | | | | | | <u> </u> | | | | | | TIEED KE | | |
| : | ГҮРЕ | | | SAMPL | ER croCore | CA | ASING | С | ORE BARRE | | ATE 12/14/07' | DEPTH (| OF GROUND | WATER | |
| | ZE (ID) | | Ссор | 2" | crocore | | | | | | | | | | |
| | ER WEIG MER FAI | | | NA NA | | | | | | Gr | oundwater Depth (| feet): | | 3.5' | |
| nawi | WIEK I'A | | IPLE | IVA | ! | | | | | | | | | <u> </u> | - |
| DEPTH (feet) | No. | DEP | |] | REC | | USC Syn | bol | | D) | ESCRIPTION OF | | IALS | | PID ppm |
| 0 | | | | 1 | 100% | - - | GW | | | | 0-0.5' aspha 0.5-1' Sand a | | | | 0.0 |
| 1 | A3-A | 0.5- | 1.0 | | | | SM | | | | 1-4' Sandy Clay | | | | 0.0_ |
| 2 | A3-B | 1.5-2 | 2.0' | | – | _ | | | | | | | | | 0.0 |
| 3 | | | | | | + | | - | | | | | | | |
| 4 | A3-C | 3-3 | .5' | | | | | | | | End of Exp | aloration | | | - |
| 4 | | | 1 | | | \pm | | | | | Dia of Ex | norunon | | | |
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| 15 | | | | | | \perp | | | | | | | | | |
| 16 | <u> </u> | | | | | \perp | | | | | | | | | |
| DRILLING | RIG TY | PE: | Tn | ıck-mou | nted Geor | probe | Rig | | | | SURFACE EL | EVATION | I: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | | Yes | | | | | START DATE | l: | 12/14/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | N FRO | OM: | 3' | TO: | 8' | END DATE: | 13 | 2/14/2007 | | |
| NOTES: | , | | | | | | _ | | | | 1 | | | | |
| Depths | asuremen measured applicab | from gr | | | rvals | | | | | | | | | | |

| | | | | | В | OF | UNG I | LOG | | | | | | | В | ORING | 3 NUMB | ER: P83-A4 |
|-----------------|----------------------------------|---------|-------|---------------|-----------|-------|---------|-------|-----------|--------|---------|------------|----------|-----------|--------|-----------|----------|--|
| SHAW | ENX | трс | | TENT | PAT & | · | PROJEC | CT: | US Army | BRAC 2 | 2005 S | ite Invest | igation | | 10 | OB NUMI | BER: | 124976 |
| | IFRA | | | | | Ł. | | | | | | | | | C | LIENT: | USACE | |
| | II. IV. | | | · | Ľ | | LOCAT | ION: | Main Post | , FTMM | I, NJ | | | | | | | |
| | | | | | | | CONTR | A CTO | R: TV: | e | | | | | D | RILLER: | Frank Ac | corsi |
| | | | | | | | CONTR | ACTO | K. 17 | | | | | | FI | ELD RE | P: C.A | |
| | | - | | SAMPL | ER | C, | ASING_ | C | ORE BARR | EL | | | 1 | DEPTH | OF C | GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma 2" | croCore | | | | | | DATE | 12/14 | /07' | | | | | - |
| HAMMI | ER WEIG | | | NA | | | | | | | Groun | dwater I | Depth (f | eet): | | | 3.5' | |
| HAMN | MER FAI | | PLE | NA | | | | | | | l | | | | | | | |
| DEPTH (feet) | No. | DEP | | ŀ | REC | T | USC Sym | ibol | | | DESC | CRIPTIC | ON OF | MATER | CIALS | 3 | | PID ppm |
| 0 | | | | . 1 | 00% | Ţ | CW | | | | 5 21 6 | | | t, gravel | | | | |
| 1 | A4-A | 0.5-1 | 1.0' | | | 士 | GW | | | U | .J-2' U | ravel wit | ui sand, | ran Bro | MIDO | range | | 0.0 |
| 2 | A4-B_ | 1.5-2 | 2.0' | | | ╁ | SM | | | | 2-4' 8 | Silty Sand | d, Green | /Tan Br | own, v | wet | | 0.0 |
| 3 | - | | | | | - | | | | | | | | | | | | |
| 4 | A4-C | 3-3 | .5' | | | - | | | | | | End | of Expl | loration | | | | |
| 4 | | | | | | | | | | | | Lilu | OI EAD | OTALION | | | | |
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| 16 | | | | | | - - | | _ | | | • | | | | | | | - |
| DRILLING | RIG TY | PE: | Tn | uck-mou | nted Geop | robe | Rig | | | | | SURFA | CE ELI | EVATIO | N: | | | • |
| TEMPORA | RY WEI | L INST | ALLEI | D : | | No | | | | | | START | DATE: | | 1 | 2/14/2007 | | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | ۱ FR | OM: | NA | TO: | NA | | END D | ATE: | | 12/14/ | /2007 | | |
| NOTES: | | | | | | | | | | | | | | | | | | |
| Depths i | asuremen measured applicat | from gr | | | vals | | | | | | | | | | | | | |

| | | | | J | BOE | RING | COG | | • | | BORING | NUMBE | R: P83-A5 |
|-----------------|----------------------------------|---------|-------|--------------------------|----------|---------|------|--------------|----------|---------------------------------|------------|------------------|--------------|
| SHAW | EN | /IRC | NN | IENTAL | & | PROJEC | CT: | US Army BR | AC 200 | 5 Site Investigation | JOB NUME | _ | 124976 |
| II. | VFRA | STR | UC | TURE | | LOCAT | ION: | Main Post, F | TMM, N | ıj | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | or: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | | | | | | FIELD REF | C.A | |
| | TYPE | | | SAMPLER | | ASING | | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | <u> </u> | ATE 12/14/07' | | | |
| | ER WÉI | | | NA | | | | | Gı | oundwater Depth (feet): | | 6.5' | |
| HAM | MER FAI | | IPLE | NA NA | <u> </u> | - | _ | | | | | | |
| DEPTH (feet) | No. | DEP | | REC | I | USC Syn | bol | | D | ESCRIPTION OF MATER | IALS | <u>.</u> | PID ppm |
| 0 | A5-A | 0-0. | 51 | 100% | _ | SM | | | | 0-1' Silty Sand, Grey | | | , 0.0 |
| 1 | 13.74 | U-0. | | | # | SM | | | | 1-4' Silty Sand, Tan Brown/6 | Green | | |
| 2 | A5-B | 1.5-2 | 2.0' | | | | | | | | | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | - - | | | | | | | | <u> </u> |
| 4 | | | | | | SM | | | · | 4-6.5' Silty Sand, Tan Brown | Green | | 0.0 |
| 5 | | | | - | \dashv | | | | | | | | |
| | | | | | | | _ | | | | | | |
| 6 | A5-C | 6-6 | .5' | | | SM/GI | • | | 6.5- | 8' Sand and Silt with gravel, E | Brown, wet | | |
| 7 | | | | | | | | | | | | | - |
| 8 | | | | | | | | | | End of Exploration | | | |
| 8 | - | | | | | | | | | | | | <u> </u> |
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| 16 | | | | | \pm | | | | | | | | |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe | Rig | | | | SURFACE ELEVATION | 1: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D : | Yes | | | | | START DATE: | 12/14/2007 | | |
| RISER FRO | DM: | NA | TO: | NA SCREE | N FR | OM: | 5' | TO: | 10' | END DATE: 1 | 2/14/2007 | | |
| NOTES: | | | | | | | | | | | - | - , - | |
| Depths | asuremen measured applicab | from gr | | n 6" intervals urface | | | | | | | | | |

| | | | | В | ORING I | OC | , , | | E | BORING | NUMBI | |
|-----------------|----------------------|--------------|--------------|-----------------|-----------|------|-----------------|--|-----------|---|-----------|------------------|
| CTTAXX | T EDIT | /ID C | | | PROJEC | CT: | US Army BRAC | 2005 Site Investigation | J, | OB NUMB | ER: | P83-B1 124976 |
| | | | | ENTAL & | & | | | - | | LIENT: | USACE | |
| IIV | NHKA | 721K | UC | TURE | LOCAT | ION: | Main Post, FTMN | , NJ | ľ | DIBITI. | UUACL | |
| | | | | | | | | | a | RILLER: | Frank Acc | orsi |
| | | | | | CONTR | ACTO | OR: TVS | | F | TELD REP | : C.A | |
| | - | - | | SAMPLER | CASING | _ | ORE BARREL | DEL | TH OF | GROUNDV | VATED | |
| | ГҮРЕ | | | robe MacroCore | CHIDING | | | DATE 12/14/07' | | J. C. C. C. C. C. C. C. C. C. C. C. C. C. | TAILA | |
| HAMM | ZE (ID) ER WEIG | GHT | | 2" NA | | | | Groundwater Depth (feet): | | 1 | 2.5' | + |
| HAMN | MER FA | | | NA | | | | | | | | |
| DEPTH (feet) | No. | DEP | PLE TH | REC | USC Sym | ibol | | DESCRIPTION OF MA | TERIAL | s | | PID |
| 0 | | | | 100% | GP | | | 0-0.5' Gravel and San | d, Black | | | ppm |
| 1 | B1-A | 0-0. | 5' | | GM | | | 0.5-2' Gravel and fines, | | en | | 0.0 |
| | | | | | | | | | | | | |
| 2 | B1-B B1-C | 1.5-2 2-2 | | | | | | 2-2,25' coal 2,25-2,5' granite and fi | nec white | | | 0.0 |
| 3 | DC | | - | | GM | | 2.5- | 4' Fines with Gravel, Grey | | | | |
| 4 | <u> </u> | | | | | | | End of Explorat | ion | | | |
| 4 | | | | | | | | 23.0 01 23.51010. | | | | |
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| DRILLING | RIG TY | PE: | Tn | uck-mounted Geo | probe Rig | | • | SURFACE ELEVA | TION: | | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No | | | START DATE: | 1 | 2/14/2007 | | |
| RISER FRO | M: | NA | TO: | NA SCREE | N FROM: | N/ | A TO: NA | END DATE: | 12/14 | /2007 | | |
| NOTES: | | | | | | | | | | | | |
| | | | | n 6" intervals | | | | | | | | |
| | measured applicab | | ound s | urface | | | | | - | | | |
| | -pp.1000 | | | | | | | | | | | |
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| | | | | | 30] | RING I | COG | • | | | BORING NUME | ER: P83-B1 |
|-----------------|----------------------------------|---------|--------------|--------------------------|---|-----------------|----------|------------|-----|---------------------------------|---------------------------------|---------------|
| | | | | IENTAL (| & | PROJEC LOCAT | | US Army BR | | 05 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | | | | | | CONTR | ACTO | R: TVS | | | DRILLER: Frank A FIELD REP: C.A | ccorsi |
| | | | , | SAMPLER | C | ASING | C | ORE BARREL | T | рертн о | F GROUNDWATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | _ | | | | D | ATE 12/14/07' | | |
| HAMM | ER WEI | | | NA | | | - | | G | roundwater Depth (feet): | 3.0' | |
| HAM | MER FAI | | L | NA | l | | L | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | | USC Sym | ibol | | D | ESCRIPTION OF MATERIA | als | PID ppm |
| 0 | D2 A | 0-0 | 51 | 100% | 4 | SM | [| | | 0-1' Sandy Silt | | 0.0 |
| 1 | B2-A | 0-0 | ر. | | \exists | | | | | 1-1.25' coal | • | 0.0 |
| 2 | B2-B | 1.5-2 | 2.0' | | $-\!$ | SM | | | 1. | 25-3.75' Silt and Sand, Tan/Gre | en, wet | 0.0 |
| 3 | B2-C | 2.5- | | | \dashv | | | | | | | |
| | B2-C | | ,.u | | # | SM | = | | 3 | .75-4' Sand and Silt, Dark Brow | n, wet | |
| 4 | | | | | + | | | | | End of Exploration | | |
| | | | | | 4 | | | | | | | |
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| 15 | | | | | | | | | | | | |
| 16 | | | | | # | | | | | | | |
| DRILLING | PIG TV | DE. | т- | uck-mounted Geo | nrob | e Pio | | | | SURFACE ELEVATION: | | |
| TEMPORA | | | | | - | c Aig | | | | ľ | 12/14/2007 | |
| RISER FRO | | NA | ALLEI TO: |): NA SCREE | No N FF | ROM: | NA | TO: N | łA. | START DATE: 12/ | 12/14/2007 | |
| NOTES: | | | | - | | | | | | 1 | | - |
| PID mea | nsuremen neasured applicab | from gr | | o 6" intervals urface | | | | | | | | |

| | | | | | во | RING I | COG | <u> </u> | | | BORING | NUMBI | |
|-----------------|--------------|--|---------|---------------|-------|---------|------|-----------------|-----------------|------------------------------------|------------|----------|----------------|
| - | | | | | | | | | | | | | P83-B3 |
| SHAW | EN | /IRC | NM | ENTAL | & | PROJEC | CT: | US Army BRAC | 005 Site Invest | tigation | JOB NUME | ER: | 124976 |
| | | | | TURE | | | | | | | CLIENT: | USACE | |
| | 12 24, | | | TOILE | | LOCAT | ION: | Main Post, FTMN | , NJ | | | | 1 |
| | | | | | | | | | | | DRILLER: | Frank Ac | corsi |
| | | | | | | CONTR | ACTO | R: TVS | | | | | |
| | | | | | | | | | | | FIELD REI | ?: C.A | |
| | | | , | SAMPLER | 1 | CASING | C | ORE BARREL | | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroCo | | | | | DATE 12/15 | | 0.000.00 | | |
| SIZ HAMMI | ZE (ID) | CUT | | 2" NA | | | | | Groundwater I | Ponth (foot) | | 3.5' | |
| | MER FAI | | | NA NA | + | - | | | Glouildwater I | Jepui (ieet). | | 3.3 | [|
| | , | | PLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | REC | | USC Sym | bol | | DESCRIPTION | ON OF MATER | IALS | | PID ppm |
| 0_ | | | | 100% | | SM | | 0-1 | | It with organics, | Dark Brown | - | |
| | B3-A | 0-0. | .5' | | | | | | | ' incinerator ash | | | 0.0 |
| 1 | | | | | | SM | | | | l' coal layer -2.5' Sandy Silt | | | |
| 2 | В3-В | 1.5-2 | 2.0' | | | | | | | - | | | 0.0 |
| 3 | | <u> </u> | | | | SM | | | | .5' coal layer y Silt, Green/Ta | n. wet | | |
| | В3-С | 3-3. | .5' | | | 5.77 | | | | | ., | | |
| 4 | | | | | | | | | End | of Exploration | | | |
| 4 | | | | | | | - | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | - | | | | | | | | | | | | - |
| | | | | | | | | | | | | | |
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| 10 | ļ | | | | | | | | | | | | <u> </u> |
| 11 | | <u> </u> | | | | | | | | | | | |
| | <u> </u> | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | + |
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| 13 | | | | | | | | | | | | | \vdash |
| 14 | 1 | | | | _ | | | | | | | | |
| 15 | <u> </u> | - | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 16 | <u> </u> | | | | | | | | - | | | | |
| DRILLING | RIG TY | PE: | Tn | uck-mounted G | eopro | be Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | RY WEL | L INST | ALLEI | D: | No |) | | | START | DATE: | 12/15/2007 | | |
| RISER FRO | | NA | TO: | NA SCR | | | NA | TO: NA | END D | | 12/15/2007 | | |
| NOTES: | | | | | | | | | | | Τ | _ | |
| PID mes | asuremen | its were i | aken i | 6" intervals | | | | | | | | | |
| Depths i | measured | from gr | | | | | | | | | | | |
| NA≔not | applicab | ole | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| , | - | | | I | OR | ING I | OG | - | | | | BORIN | G NUM | BER: P83-B4 | \neg |
|-----------------|------------------------------------|---------|------------|--------------------------|---------|------------------|----------|--------------|---------|------------------|------------------|-----------------------------------|--------|----------------|----------|
| | | | | IENTAL (| & | PROJEC LOCATI | ON: | Main Post | , FTMM, | 005 Site Invest | igation | JOB NUM CLIENT: DRILLER FIELD RE | USACE: | 124976 | |
| | | | | SAMPLER | CA | SING | С | ORE BARR | EL | | DEPTH | OF GROUND | WATER | | ヿ |
| | TYPE | | Geop | robe MacroCore | | | | | | DATE 12/15 | /07' | | | | \dashv |
| | ZE (ID) ER WEIG | HT | | NA | | | | | | Groundwater D | Depth (feet): | | 6.0' | | |
| | MER FAI | LL | | NA | | | | | | | 1 | | Γ | _ | \Box |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | 1 | USC Sym | bol | | : | DESCRIPTIO | N OF MATER | JALS | | PID ppm | |
| 0 | ļ | | | 100% | | SM | | | 0 | | silt with organi | | | | |
| 1 | B4-A | 0-0. | .5' | | | GW | \dashv | | | 0.5-1.5' G | ravel and Sand, | coal | | 0.0 | |
| 2 | B4-B | 1.5-2 | יחי | | - - | SM | | | | 1.5-4' Silt | and Sand, Tan G | Grey | | 0.0 | |
| | J. J | | | | | | | | | | | | | | = |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | + | SM/GI | , | | | I-6.5' Silty San | d with gravel, T | an Brown | | 0.0 | |
| 5 | ļ | | | | | | | | | | | | | | \dashv |
| | | | | | | | | | | | | | | | |
| 6 | B4-C | 5.5-6 | 5.0' | | + | SP | | | | 6.5-8' \$ | Sand, Orange, w | et | | | |
| 7 | | | | | | | | | | | | | | | |
| 8 | | | | | # | | | | | End | of Exploration | | | | |
| 88 | † | | | | | | | | | | | | | | _ |
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| 10 | | | | | | | | | | | | | | | |
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| 13 | | | | | \perp | | | | | | | | | | = |
| 14 | | | | | | | | | | | | | | - | 二 |
| 15 | | | | | \pm | | | | | | | | | | |
| . 16 | | | | | _ | | | | | | | | | - | \dashv |
| DRILLING | RIG TY | PE: | Tr | uck-mounted Geo | probe l | Rig | | | • • | SURFA | CE ELEVATIO | N: | | | \neg |
| TEMPORA | RY WEL | L INST | | | No | | | | | START | DATE: | 12/15/2007 | , | | l |
| RISER FRO | OM: | NA | то: | NA SCREE | N FRC | OM: | NA | TO: | NA | END DA | ATE: | 2/15/2007 | | | |
| NOTES: | | _ | | | | | | | | | | | | | 一 |
| Depths | asuremen measured t applicab | from gr | | n 6" intervals urface | • | | | | | | | | | | |

| | | • | | | В | ORING | LOG | - | | | BORING | G NUMBE | R: P83-B5 |
|-----------------|------------------------------------|--------------|------|---------|-----------|--------------|--------------|-----------------|-------------------|------------------|------------|------------|----------------|
| SHAW | FNX | πре | NIV | TENT | 'AT & | PROJE | CT: | US Army BRAC | 2005 Site Investi | gation | JOB NUMI | - | 124976 |
| | NFRA | | | | | LOCAT | ION: | Main Post, FTMM | 1, NJ | | CLIENT: | USACE | |
| | | | | | | CONTE | RACTO | OR: TVS | | | DRILLER: | Frank Acco | rsi |
| | | | | | | 00.112 | | | | | FIELD RE | P: C.A | |
| | | | | SAMPLI | | CASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE ZE (ID) | | Geop | robe Ma | croCore | | | | DATE 12/15 | (07' | · | | |
| HAMM | ER WEIG | | | NA | | | - | | Groundwater D | epth (feet): | | 7.5' | |
| HAWI | MER FAI | | 1PLE | NA | | | | B-98-0 | <u> </u> | | | | |
| DEPTH (feet) | No. | DEP | | | REC | USC Syr | nbol | | DESCRIPTIO | | RIALS | | PID ppm |
| 0 | | | | 1 | 00% | | | | 0 | -l' Asphalt | | | 0.0 |
| 1 | | | | | | SM | | | 1-2' Silty | Sand, Grey Gr | een | | |
| 2 | B5-A B5-B | 1-1 1.5-: | | | | SM/G | P | | 2-4' Silty Sand | with gravel, Ta | an Brown | | 0.0 |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 4 | - | | , | | | SM/G | P | | 4-6.5' Silty Sand | d with gravel, T | 'an Brown | | 0.0 |
| 5 | | | | | | | | , | | | | | |
| 6 . | | | | | | | | | | | | | |
| 7 | + | | | | | SP | | | 6.5-8' S | and, Orange, w | et | | |
| 8 | B5-C | 7-7 | .5' | | | | | • | End | of Exploration | | | |
| . 8 | | | | | | | | | <u> </u> | OI Exploration | | | |
| 9 | <u> </u> | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | — | | | | | | | | | | | | |
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| 15 | | ļ | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | L |
| DRILLING | | | | | nted Geop | | | | . | CE ELEVATIO | | | |
| TEMPORA | | | | | | No JEDOM: | Nt 4 | . TO: NA | START | | 12/15/2007 | | |
| RISER FRO | | NA | TO: | NA | SCREEN | Y PROM: | NA | TO: NA | END DA | A I E: | 12/15/2007 | | - |
| NOTES: | | | | | | | | | | | | | |
| Depths | asuremen measured t applicab | from g | | | vals | | | | | | | | |
| | | | | | | | | | | | 1 | | |

| | | | | | В | ORIN | G L | OG | | - | | BORING N | | R: P83-SB1 |
|-----------------|--------------------------------------|--------------|---------|----------|-----------|----------|-----------------|-----------|----------------------|-----|------------------------------------|------------|------------|---------------|
| SHAV | V ENV NFRA | | | | | • | OJECT | | | | 005 Site Investigation | JOB NUMBER | | 124976 |
| | | | | | | | OCATIO ONTRA | | Main Post, R: TVS | | NJ | DRILLER: F | rank Accor | rsi |
| | - | | | SAMPL | ER | CASIN | NG | | ORE BARRE | GL. | DEPTH O | F GROUNDWA | TER | |
| | TYPE | | | robe Ma | croCore | | | | | | DATE 12/19/07' | | | |
| | IZE (ID) IER WEIC | :UT | | 2" NA | | | | | | | Groundwater Depth (feet): | | 5.5' | |
| | MER FAL | | | NA | | | | | | | Stoundwater Depair (rect). | | 5.5 | |
| | T | | IPLE | | | | | \Box | | | | | | |
| DEPTH (feet) | No. | DEP | ТН | | REC | USC | C Symb | 이 | | | DESCRIPTION OF MATERIA | | | PID ppm |
| 0 | SB1-A | 0-0. | 51 | 1 | 00% | - | SP | \dashv | | | 0-1' Sand with gravel, Brow | n | | 0.0 |
| 1 | SDI-A | 0-0. | | | | S | SM/GP | \exists | | 1 | -2.5' Silty Sand with gravel, Gree | en Grey | | |
| 2 | SB1-B | 1.5-2 | 2.0' | | | + | | ᆿ | | | | | | 0.0 |
| .3 | | | | | | | SW | | | , | 2.5-4' Sand, Brown | | | |
| 4 | ļ | | | | | | | | | | | | | |
| 4 | | | | | | | sw | 〓 | | • | 4-8' Sand, Brown | | | 0.0 |
| 5 | - | | | | | | | \dashv | | , | | | | |
| 6 | SB1-C | 5-5 | .5' | | | | | \exists | | | wet | | | |
| 7 | ļ | | | | | _ | | \exists | | | | | | |
| | ļ | | | | | | | = | | | | | | |
| 8 | ┼─~ | | | | | + | | \dashv | | | End of Exploration | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| | | | | | | 1 | | | • | | | | | |
| 11 | - | | | | | 1 | | \dashv | | | | | | |
| 12 | | | | | | | | \exists | | | | | | |
| | - | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | + | | | | | | | | |
| 15 | | | | | | - | | \exists | | | , | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mou | nted Geop | robe Rig | | | | | SURFACE ELEVATION: | | | İ |
| TEMPORA | RY WELI | L INSTA | LLED | : | , | Yes | | | | | START DATE: | 12/19/2007 | | |
| RISER FRO | OM: | NA | то: | NA | SCREEN | FROM: | : | 5' | TO: | 10' | END DATE: 12/ | 19/2007 | | |
| NOTES: | | | | - | | | | | - | | | | | |
| Depths | asurement measured t applicabl | from gro | | | als | | | | | | | | | |

| | | | | В | ORI | NGL | OG | | | | BORING | NUMBE | R: P83-SB2 |
|----------------------|--------------------------------------|----------|------------|-----------------------|-------------|---------|-------|--------------|-------|-------------------------------|-----------------|------------|---------------|
| SHAW | / FNV | TD (| NM | ENTAL & | , l | PROJEC | CT: | US Army BF | RAC 2 | 005 Site Investigation | JOB NUMB | | 124976 |
| | | | | TURE | * | | | | | | CLIENT: | USACE | |
| | 11.17.3 | SIK | UC. | CKE | | LOCAT | ON: | Main Post, F | TMM | , NJ | | | |
| | | | | | | CONTR | · CTC | n. mie | | | DRILLER: | Frank Acco | rsi |
| • | | | | | ſ | CONTR | ACIC | OR: TVS | | | FIELD REP | : C.A | |
| | | | ! | SAMPLER | CA: | SING | C | ORE BARREI | | рертн с | F GROUND | VATER | |
| | TYPE ZE (ID) | | Geop | robe MacroCore 2" | | | | | | DATE 12/19/07' | | | |
| HAMM | ER WEIG | | | NA | | | | | | Groundwater Depth (feet): | | 5.5' | |
| HAM | MER FAI | | | NA | | | | | | | | | |
| DEPTH (feet) | No. | DEP | IPLE TH | REC | Tu | ISC Sym | bol | | | DESCRIPTION OF MATERIA | ALS | | PID |
| 0 | | | | 100% | + | sw | | | | 0-1' Sand with gravel, Yello | w | | ppm |
| 1 | SB2-A | 0-0 | .5' | | | SM | | | | 1-2' Sand and Silt, Grey with | Red | | 0.0 |
| 2 | SB2-B | 1.5-2 | 2.0' | | | sw | | | | 2-4' Sand, Brown/Yellow | | | 0.0 |
| 3 | <u> </u> | | | | + | | | | | | | | |
| 4 | | | | | _ | | | | | | | | |
| 4 | | | | | | sw | | | | 4-8' Sand, Brown | | | 0.0 |
| 5 | | | | | + | | | | | | | | |
| | SB2-C | 5-5 | .5' | | | | | | | | | | |
| 6 | | | | | | | | | | wet | | | |
| 7 | - | | | | - | | | | | | | | |
| 8 | | | | | 1 | | | | | End of Exploration | | | |
| 8 | | | - | | | | | | | | | | |
| 9 | | | | | | - | | | | | | | |
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| 13 | <u> </u> | | | | 士 | - | | | | | | | |
| 14 | | | | | - - | | | | | | | | [—— |
| 15 | ļ | | | | _ | | | | | | | | |
| | | | | | # | | | | | | | | |
| 16 | DIG TV | E. | т_ | uck mounted C | nroba T |) ia | | 1 | | STIDEACE EL EVATIONI | | | 1 |
| DRILLING | | | | uck-mounted Geo | | иR | | | | SURFACE ELEVATION | : 12/19/2007 | | |
| TEMPORA RISER FRO | | NA NA | TO: | : NA SCREE | N₀ N FRO | M: | N.A | . то: | NA | START DATE: END DATE: 12 | /19/2007 | | |
| NOTES: | | | | | | | | | | - J | T | | |
| PID me | asurement measured : applicabl | from gro | | 6" intervals rface | | | | | | | | | |

| | | | | B | ORING | G LOG | ; | | | BORIN | G NUMB | ER: P83-SB3 |
|-----------------|--|----------------|------------|----------------------|-----------|---|-------------------------------|---------------|-----------------|---------------------|--------|----------------|
| | | | | ENTAL & | & | DJECT: | US Army BRAC Main Post, FTMN | | igation | JOB NUM | BER: | 124976 |
| | | | | | CON | TRACTO | OR: TVS | | | DRILLER FIELD RE | | corsi |
| | | | ١. | SAMPLER | CASING | | CORE BARREL | | DEPTH | OF GROUNI | WATER | |
| - | TYPE | | | robe MacroCore | CASIIV | <u>, </u> | | DATE 12/17 | | OF GROOM | WAILK | |
| | IZE (ID) MER WEIC | ЭНТ | | 2" NA | | - | | Groundwater D | Pepth (feet): | | 4.0' | + |
| | IMER FAI | LL | <u> </u> | NA | | | | | | | | |
| DEPTH (feet) | No. | SAN DEP | TH | REC | USC | Symbol | | DESCRIPTIO | N OF MATER | RIALS | | PID ppm |
| 0 | | | | 100% | | | | (|)-1' asphalt | | | |
| 1 | + | | | | | SM | 1 | 1-1.5' Sand a | and Silt, Brown | Yellow | | 0.0 |
| | SB3-A | 1-1 | | | | SM | 1 | | Sand, Green/Gre | | | |
| 2 | SB3-B | 1.5- | 4.U | | | |] | | | | | 0.0 |
| 3 | | - | | | _ | | | | | | | |
| 4 | SB3-C | 3.5- | 4.0' | | | | | End | of Exploration | | | |
| 4 | | | | | _ | | - | | | | | |
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| 6 | | - | | | | | Ť | | | | | |
| 7 | | | | | \perp | | - | | | | | |
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| 8 | 1 | | | | + | | - | | | | - | |
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| 12 | 1 | | | | | | | | | | | |
| 13 | <u> </u> | | | | | | 1 | | | | | |
| 14 | - | | | | | | - | | | | | |
| | | | | | | |] | | | | | |
| 15 | + | - | | | - | | 1 | | | | | |
| 16 | | | | | | | 1 | <u> </u> | | | | |
| DRILLING | G RIG TYP | E: | Tru | ick-mounted Geo | probe Rig | | | SURFA | CE ELEVATIO | N: | | |
| TEMPORA | ARY WEL | L INSTA | ALLED | : | Yes | | | START | DATE: | 12/17/2007 | 7 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FROM: | 4' | TO: 9' | END DA | ATE: | 12/17/2007 | | |
| NOTES: | | | _ | | | - | | ı | | T | | |
| Depths | easurement measured ot applicabl | from gro | | 6" intervals face | | | | | | | | |

| - | | | _ | <u> </u> | В | ORING I | JOG | | | | | BORING | G NUMBI | ER: P83-SB4 |
|-----------------|---|----------|------------|------------------|-----------|--------------|----------|------------|-------|------------------|-------------------------------------|------------|---------|----------------|
| SHAW | | | | | | PROJE | CT: | US Army B | RAC 2 | 005 Site Investi | gation | JOB NUM | | 124976 |
| Ir | NFRA | STR | UC' | TUR: | E | LOCAT | ION: | Main Post, | FTMM, | NJ | | CLIENT: | USACE | · |
| | | | | | | CONTR | ACTO | R: TVS | | | | DRILLER: | | orsi |
| | | | | | | | 1 | | | | | | | |
| | TYPE | | | SAMPL robe Ma | | CASING | С | ORE BARRE | | DATE 12/17/ | | OF GROUND | WATER | |
| SI | ZE (ID) | | | 2" | | | | | | | | | | |
| | ER WEIG MER FAL | | - | NA NA | | | | | | Groundwater D | epth (feet): | | 4.0' | |
| nam | WEK FAL | | IPLE | NA | | | <u>'</u> | | | | | | ļ | + |
| DEPTH (feet) | No. | DEP | | | REC | USC Syn | nbol | | | | N OF MATER | | | PID ppm |
| 0 | SB4-A | 0-0. | 51 | 1 | 00% | SM SM | | | | | / Sand and orga nd and Silt, Bla | | | 0.0 |
| 1 | 3B4-A | 0-0. | ر. | | | SW | | | | V.J-3 3a | nu anu şiit, bia | CK | | 0.0 |
| 2 | SB4-B | 1.5-2 | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | | CL/SI | • | | 3- | 4' Silty Clay w | ith sand, Green | /Grey, wet | | |
| 4 | SB4-C | 3.5-4 | 1.0' | | | | | | | End | of Exploration | | | - |
| 5 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
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| 13 | | | | | _ | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mou | nted Geop | robe Rig | | | | SURFAC | E ELEVATIO | N: | | |
| TEMPORA | RY WELI | . INSTA | LLED | : | 1 | No | | | | START | DATE: | 12/17/2007 | | |
| RISER FRO | M: | NA | то: | NA | SCREEN | FROM: | NA | TO: | NA | END DA | TE: | 12/17/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths t | asurements measured to applicable | from gro | | | rals | | | | | | | | | |

| | | - | | В | ORING | LOG | | | BORING | NUMBI | ER: P83-SB5 |
|-----------------|--------------------------------------|----------|------|-----------------------|--------------|------|-----------------|-----------------------------|---------------------------------|---------------------------|----------------|
| | | | | ENTAL & | LOCA | | Main Post, FTMM | 2005 Site Investigation | JOB NUMB CLIENT: DRILLER: | ER: USACE Frank Acc | 124976 |
| | | | | | CONT | MCI | JK. 143 | | FIELD REF | : C.A | |
| | | | | SAMPLER | CASING | | ORE BARREL | | TH OF GROUND | VATER | |
| | TYPE IZE (ID) | | Geop | robe MacroCore 2" | | | | DATE 12/18/07' | | - | |
| | IER WEIG | HT. | | NA NA | | 1 | | Groundwater Depth (feet): | - | 3.5' | |
| | MER FAI | | | NA | | | | | | | |
| | 1 | | IPLE | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | USC Sy | mbol | | DESCRIPTION OF MAT | | | PID ppm |
| 0 | | | | 100% | SM | | | 0-0.75' Sandy Silt with | | | |
| 1 | SB5-A | 0-0. | .5' | | SM | [| 0 | 75-4' Silty Sand, Green Bro | vn, little gravel | | 0.0 |
| 1 | 1 | | | | | | 1 | | | | |
| 2 | SB5-B | 1.5-2 | 2.0' | | | | | | | | 0.0 |
| 3 | | | | | - | | | | | | |
| <u> </u> | SB5-C | 3-3 | .5' | | | | | wet | | | |
| 4 | | | | | | | | End of Exploration | on | | |
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| 16 | | | | | | | l | | | | |
| DRILLING | RIG TYP | E: | Tn | ick-mounted Geor | orobe Rig | | | SURFACE ELEVAT | ION: | | |
| TEMPORA | RY WELL | . INSTA | LLED | | Yes | | | START DATE: | 12/18/2007 | | |
| RISER FRO | | NA | TO: | NA SCREE | | 4' | TO: 9' | END DATE: | 12/18/2007 | | |
| NOTES: | | | | | | | | | | - | _ |
| PID me | asurement measured t applicabl | from gro | | 6" intervals rface | | | | | | | |

| | _ | | | | В | OR | ING I | ΟG | | | | | | BORIN | G NUMBE | R: P83-SB6 |
|----------------------|--------------------------------------|--------------|------|---------------|-----------|--------------|---------|----------|---------------|------|------------------|------------------|---------|-------------------------|-------------|---------------|
| SHAV | V EN | /IRC | NM | ENT | AL 8 | & | PROJEC | CT: | US Army BR. | AC 2 | 2005 Site Invest | igation | - | JOB NUM | | 124976 |
| I | NFRA | STR | UC' | TUR | E | | LOCAT | ION: | Main Post, FT | MM | 1, NJ | | | CLIENT: | USACE | |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | DRILLER | : Frank Acc | orsi |
| | | | | | | | CONTR | ACIC | . 1V3 | | | | | FIELD RE | P: C.A | |
| | | | | SAMPL | | CA | SING | С | ORE BARREL | | | | ЕРТН | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geor | robe Ma 2" | croCore | | | | | | DATE 12/18 | /07' | | | - | |
| HAMN | ER WEIC | | | NA | | | | | | | Groundwater I | epth (fee | t): | | 3.5' | |
| HAM | IMER FAI | | MPLE | NA | | | | | | | <u>!</u> | <u> </u> | | | | |
| DEPTH (feet) | No. | DEF | | | REC | | USC Sym | bol | | | DESCRIPTIO | | | _ | | PID ppm |
| 0 | SB6-A | 0-0 | 15' | 1 | .00% | - - | GM | | | | 0-1.5' Quartz | Gravel a | nd Silt | y Sand | | 0.0 |
| 1 | | | | | | | | | | | | | _ | | | |
| 2 | SB6-B | 1.5- | 2.0' | | | \downarrow | SM | | | | 1.5-4' Silt | y Sand, C | Green G | irey | | 0.0 |
| _3 | | | | | | | | | | | | | | | | |
| 4 | SB6-C | 3-3 | 1.5' | | | \dashv | | - | | | End | wet of Exploi | ration | | | ļ |
| 4 | | | | | | | | | | | | | | | | |
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| 16 | PIG TVP | <u>.</u> | т- | L | ntad Gaar | | Dia. | | | | CLIDEA | TE EI EV | ATION | | | |
| DRILLING | | | | | nted Geor | | viŘ | | | | START | CE ELEV | AHUN | | , | |
| TEMPORA RISER FRO | | NA NA | TO: | | SCREE | Yes N FRO | OM: | 4' | TO: 9 | , | END DA | | ī | 12/18/2007 2/18/2007 | | |
| NOTES: | | | _ | | | | | | | | | | | | | |
| PID me. | asurement measured t applicabl | from gro | | | rals | | | | | | | | | | | |

| | | | | | В | OR | ING I | ΟG | | | | | E | ORIN | G NUI | | R: 83-SB7 |
|-----------------|--|----------|------|----------|------------|-------|-----------------|----------------|--------------|--------------|------|----------------------|--------|-----------|-------------|--------|--------------|
| SHAV | V ENV NFRA | | | | | દે | PROJEC LOCAT | | US Army BRAC | | vest | igation | | OB NUM | BER: USA | | 124976 |
| | | | | | | | CONTR | ACTO | R: TVS | | | | | RILLER: | | k Acco | rsi |
| | | | | | | | <u> </u> | | | | | | Jr. | IELD RE | P: C.A | | |
| | ТҮРЕ | | - | SAMPI | | C | ASING | С | ORE BARREL | DATE 1 | 2/10 | DEPTH /07' | OF | GROUND | WATE | R | |
| | IZE (ID) | | Geo | 2" | croCore | | | | | DATE | 2/18 | /0 <i>1</i> | | | | - | |
| | IER WEIC | | | NA | | | | | | Groundwa | er D | epth (feet): | | | 2.5 | | |
| HAM | IMER FAI | | MPLE | NA | | | • | | | _L | _ | | | | | | |
| DEPTH (feet) | No. | | PTH | | REC | | USC Sym | bol | | DESCRIP | TIO | N OF MATE | RIAL | s | | | PID ppm |
| 0 | SB7-A | <u> </u> | 0.5' | | 100% | _ - | SM | _ | | 0-1' Silty S | nd a | and organics, D | ark Bı | rown | | | 0.0 |
| 1 | SB/-A | | 0.5 | | | _ - | SM | _ | | 1-2.5 | Silt | y Sand, Tan Br | own | | | | 0.0 |
| · 2 | SB7-B | | -2.0 | | | | | | | | | | | | | | 0.0 |
| 3 | SB7-C | 2- | 2.5' | | | | GW | | | | 2.5- | 4' Gravel, wet | | | | | |
| | | | - | | _ | | | | | | | | | | | | |
| 4 | | | | | | + | | \dashv | | | End | of Exploration | | | | | |
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| 16 | | | | | | \pm | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | T | ruck-moı | inted Geoj | orobe | Rig | | | SUF | FAC | CE ELEVATIO | N: | | | | |
| TEMPORA | RY WELI | . INST | | | | Yes | | | | | | DATE: | | 2/18/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | N FR | OM: | 4' | TO: 9' | ENI | DA | TE: | 12/18/ | 2007 | | | |
| NOTES: | | - | | | | | | | | | _ | | Т | | | | |
| Depths | asurements measured t t applicable | from gr | | | vals | | | | | | | | | | | | |

| | | | | | ВО | RING I | OG | | | | | BORING | G NUMBE | ER: P83-SB8 |
|-----------------|--|-------------|---------|--------------------------|----------|--|-----------|-----------|-------------|------------------|----------------|------------|---------------|--|
| | | | | IENTA TURE | | PROJEC | | US Army B | | 005 Site Investi | gation | JOB NUM | BER: USACE | 124976 |
| | | | | | | CONTR | | · | f i iviivi, | N3 | | DRILLER: | | orsi |
| | | | T_{-} | SAMPLER | | CASING_ | C | ORE BARRE | | | DEPTH | OF GROUND | WATER | |
| | TYPE | | Geor | probe Macro | Core | | | | I | DATE 12/19/ | | | | |
| | IZE (ID) IER WEIG | нт | + | 2" NA | | | <u> </u> | | | Groundwater D | enth (feet): | | 4.0' | |
| | MER FAL | | | NA | 工 | | | | | | | | 1 | |
| | 1 | | MPLE | | | 1 2200 | \exists | | | | | | | 7 |
| DEPTH (feet) | No. | DE | PTH | RE | | USC Sym | ibol | | | | N OF MATEI | | | PID ppm |
| 0 | SB8-A | <u> </u> | -0.5' | 100 | <u>%</u> | GW | | | | 0-1' Sand a | nd Gravel, Tan | Grey | | 0.0 |
| 1 | 3D0-74 | <u> </u> | د.ں | | | SW/GI | P | | | 1-2' Sand and | crushed Grave | l, Black | | - 0.0 |
| 2 | SB8-B | 1.5 | 5-2.0' | | | SW | | | | 2-3' Sa | ınd, Red Brow | 1 | | 0.0 |
| 3 | | | | | | CL | | ı | | 3-4' Sandy Sil | t Clay, Grey/G | een, wet | | |
| 4 | SB8-C | 3.5 | 5-4.0' | | | | | ı | | End | of Exploration | | | ļ |
| 4 | 350-0 | | -4.0 | t | | <u> </u> | \exists | | | Line | OI Explorance. | | | |
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| DRILLING | RIG TYP | 'E: | | ruck-mounte | d Geopro | be Rig | | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | | | | | Ye | _ | | | | START | | 12/19/2007 | , | |
| RISER FRO | | NA | TO: | | CREEN I | | 4' | то: | 9' | END DA | TE: | 12/19/2007 | | |
| NOTES: | | | | | | | | | | | | | | |
| Depths : | asurements measured f t applicable | from gr | | n 6" intervals urface | i | | | | | | | | | |

| | | | | | ВС | ORING I | COG | | | | BORIN | G NUMBI | ER: P83-SB9 |
|-----------------|---------------------------------------|---------|------|-----------|-----------|---------|------|-----------------|----------|-----------------------|--------------|--------------|----------------|
| SHAW | V ENV | | | | | - 1 | | US Army BRAC | | e Investigation | JOB NUM | | 124976 |
| _ | | | | | _ | LOCAT | | Main Post, FTMI | M, NJ | | DRILLER | t: Frank Acc | corsi |
| | | | | | | CONTR | ACTO | PR: TVS | | | FIELD RI | EP: C.A | |
| | | | , | SAMPLE | R | CASING | _ c | ORE BARREL | | | OF GROUN | DWATER | |
| | TYPE | | Geop | robe Macı | roCore | | | | DATE | 12/17/07' | | <u> </u> | |
| | ZE (ID) ER WEIG | нт | ├ | 2" NA | | | - | | Ground | lwater Depth (feet): | | 4.5' | |
| | MER FAL | | | NA | | | | | - Crousk | Water Depart (reet): | | 1 | |
| | | SAN | 1PLE | | | | | | | | | · | |
| DEPTH (feet) | No. | DEP | ТН | | EC | USC Syn | nbol | | DESC | RIPTION OF MATE | RIALS | | PID ppm |
| 0 | | | | 10 | 0% | - | | | | 0-1' asphalt | | | 0.0 |
| 1 | SB9-A | 0.5- | 1.0' | | | SP | | | | 1-2' Sand, Red Brow | n | | 0.0 |
| 2 | SB9-B | 1.5- | 2.0' | | | | | | | 2-4' no recovery | | | 0.0 |
| 3 | | _ | | | | | | | | | | | |
| 4 | | | | | | 974 | | | | 401001 0 10 | | | — |
| 4 | | | | | | SM | | | | 4-8' Silty Sand, Gree | n | | 0.0 |
| 5 | SB9-C | 4.5- | 5.0' | | | | | | | wet | | | |
| 6 | | | • | , | | | | | | | | | |
| 7 | SB10-D | 6.5- | 7.0' | | | | | | | | | | |
| 8 | | | | | | | | | | End of Exploration | | | |
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| DRILLING | RIG TYP | E: | Tn | ick-mount | ted Geopr | obe Rig | | | 8 | SURFACE ELEVATIO | N: | | |
| TEMPORA | RY WELI | . INSTA | LLED | : | N | lo . | | | 8 | START DATE: | 12/17/200 | 7 | İ |
| RISER FRO | M: | NA | TO: | NA : | SCREEN | FROM: | NA | TO: NA | I | END DATE: | 12/17/2007 | | |
| NOTES: | | | | _ | | | | | | | | | |
| Depths r | surements neasured f applicable | rom gro | | | ls | | | | | | | | |

| | | | _ | В | OF | ING I | OG | | | | | | BORIN | G NUMBI | CR: P83-SB10 |
|-----------------|--|---------|-------------|------------------------|----------|---------|------|-----------------|---------------|--------|-------------|--------|--------------|---------|-----------------|
| SHAW | ZENU | TRO | NN | IENTAL & | ?r | PROJEC | CT: | US Army BRAC | 2005 Site Inv | estig | gation | | JOB NUM | | 124976 |
| | | | | TURE | ~ | LOCAT | ION: | Main Post, FTMM | I, NJ | | | | CLIENT: | USACE | |
| | | | | | | CONTR | ACTO | OR: TVS | | | | | DRILLEI | | orsi |
| | | | | | | | | | | | | | FIELD R | EP: C.A | |
| | | | | SAMPLER | С | ASING | | ORE BARREL | | | | тн с | OF GROUN | DWATER | |
| | TYPE IZE (ID) | | Geog | probe MacroCore 2" | - | | | ~~~ | DATE 12 | /15/0 | 07' | Т | | - | |
| HAMM | ER WEIG | | | NA | | | | | Groundwate | r De | pth (feet): | | | 5.5' | |
| HAM | MER FAL | _ | | NA | | | | | | | | | | | |
| DEPTH (feet) | No. | | MPLE PTH | REC | | USC Syn | | | DESCRIPT | | | | | | PID ppm |
| 0 | SB10-A | |).5' | 100% | 4 | SM/G | | | | | nd and Gra | | | • | 0.0 |
| 1 | 3B10-A | 0-0 |).S | | 1 | SIVI | | | 0.5-2 | Silly | Sand, Gre | een/1a | an | | 0.0 |
| 2 | SB10-B | 1.5- | 2.0' | | _ | | | | : | 2-4' 1 | no recover | У | | | 0.0 |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 4 | | | | 100% | | SM | | 4-8' : | Silty Sand, B | lack | Green, stre | ong p | etroleum odo | or | 20.0 |
| 5 | | | | - | \dashv | | | | | | | | | | <u> </u> |
| | SB10-C | 5-: | 5.5' | | | | | | | | wet | | | | |
| 6 | | | | | \dashv | | | | | | | | | | 45.0 |
| 7 | SB10-D | 6.5 | -7.0'_ | | \dashv | | | | | | | | | | |
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| 16 | 1 | L. | | | 士 | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tı | ruck-mounted Geo | prob | e Rig | | | SURI | FAC | E ELEVA | TION | : | | |
| TEMPORA | RY WELI | . INST. | ALLEI |) : | Yes | | | | STAF | RT D | ATE: | | 12/15/200 | 07 | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | ROM: | 4' | TO: 9' | END | DAT | ГЕ: | 12 | 2/15/2007 | | |
| NOTES: | | | | | | | | | | | | | T | | |
| Depths : | asurements measured t t applicable | from gr | | 6" intervals urface | | | | | | | | | | | |

| | | | | | ВО | RING I | ωG | . | | | |] | BORING | G NUMB | ER: P83-SB11 |
|-----------------|--|---------|------------|-----------------------|----------|-----------------|------|---------------|----|---------------------------------------|-------------------------|---------|------------|---------------|-----------------|
| SHAW | | | | ENTA | L & | PROJEC LOCAT | | US Army | | 005 Site Inve | stigation | | OB NUMI | BER: USACE | 124976 |
| | | | | | | CONTR | асто | R: TV | s | | | | ORILLER: | | corsi |
| | | | | SAMPLER | | CASING | C | ORE BARR | | | | гн оғ | GROUND | WATER | |
| | TYPE IZE (ID) | | Geop | robe Macro 2" | Core | | | | | DATE 12/1 | 8/07' | | | | |
| HAMM | ER WEIG | | <u> </u> | NA | | | | | | Groundwater | Depth (feet): | | | 3.5' | |
| HAM | MER FAL | | (DY E | NA | | | | | | | | | | | _ |
| DEPTH (feet) | No. | DEP | 1PLE TH | RE | С | USC Syn | bol | | | DESCRIPTI | ON OF MAT | ERIAL | s | | PID ppm |
| 0 | CDIIA | | <i>5</i> 1 | 100 | % | SM | - | | | 0-1.5' Silty S | and, organics, l | Dark B | rown | | |
| 1 | SB11-A | 0-0 | .5 | | | | | | | | | | | | 0.0 |
| | 22.1.2 | | | _ | | GW | | | | 1 4 4 0 7 | 1.5' Gravel | 10 | | | |
| 2 | SB11-B | 1.5- | 2.0 | - | | SM | | | | 1.6-4' 511 | ty Sand, Brown | n/Green | 1 | | 0.0 |
| 3 | | | | | | | | | | | | | | | |
| 4 | SB11-C | 3-3 | .5' | | | | | | | En | wet d of Exploration | on | | | |
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| DRILLING | RIG TYP | E: | Tn | uck-mounte | d Geopro | be Rig | | | | SURFA | ACE ELEVAT | ION: | | | <u> </u> |
| TEMPORA | RY WELI | . INSTA | LLED | : | No |) | | | | START | ΓDATE: | 1 | 12/18/2007 | | |
| RISER FRO | M: | NA | TO: | NA S | CREEN F | ROM: | NA | TO: | NA | END D | ATE: | 12/18 | 3/2007 | | |
| NOTES: | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| Depths 1 | asurements measured f applicable | rom gro | | 6" intervals rface | | | | | | | | | | | |

| | | | | | В | OF | RING I | ЮG | | | | BORIN | G NUMBE | R: P83-SB12 |
|-----------|--|------------|-------|---------------|-----------|--------------|---------------------------------------|---------|-----------------|------------------|-----------------------------------|------------|--------------|--|
| SHAV | V ENV | TRO | NM | ENT | AL & | દે | PROJEC | CT: | US Army BRAC | 2005 Site Invest | igation | JOB NUM | | 124976 |
| n | NFRA | STR | UC' | TUR | E | | LOCAT | ION: | Main Post, FTMN | I, NJ | | CLIENT: | USACE | |
| | | | | | | | CONTR | ACTO | R: TVS | | | DRILLER | : Frank Acco | orsi |
| | | | | | | | | | | | | FIELD RE | EP: C.A | |
| | | | | SAMPL | | C | ASING | С | ORE BARREL | | | OF GROUNI | WATER | |
| | TYPE IZE (ID) | | Geop | robe Ma 2" | croCore | | | | | DATE 12/17 | /07' | | | |
| HAMM | IER WEIG | | | NA | | | | | | Groundwater D | epth (feet): | | 3.5' | |
| HAM | MER FAL | | | NA | | | | | | | | | | |
| DEPTH | No. | SAN DEP | TH | | REC | Т | USC Sym | ıbol | | DESCRIPTIO | N OF MATER | RIALS | | PID |
| (feet) | | | | 1 | 00% | + | GW | <u></u> | | 0-1'S | and and Gravel | | | ppm |
| | SB12-A | 0-0 | .5' | | | | | | | | | | | 0.0 |
| 1 | | | | | | + | SM | | | | ' coal, sand ady Silt, Green/0 | O | | |
| 2 | SB12-B | 1.5- | 2.0' | | | | | | | | | | | 0.0 |
| 3 | | | | | • | | SM | | | 2.5-4' Silty S | Sand, Green/Gre | ey, wet | | - |
| | SB12-C | 3-3 | .5' | | | | - | | | | | | | |
| 4 | 1 | | | | | + | | | | End | of Exploration | | | ļ |
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| 16 | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | Е: | Tr | uck-mou | inted Geo | probe | e Rig | | | SURFAC | CE ELEVATIO | N: | | |
| TEMPORA | RY WELI | . INSTA | ALLED | : | | Yes | | | | START | DATE: | 12/17/2001 | 7 | |
| RISER FRO | OM: | NA | TO: | NA | SCREE | N FR | OM: | 4' | TO: 9' | END DA | ATE: | 12/17/2007 | | |
| NOTES: | | - | | | | | | | | | | \Box | | |
| Depths | asurements measured f t applicable | from gro | | | vals | | | | | | | | | |

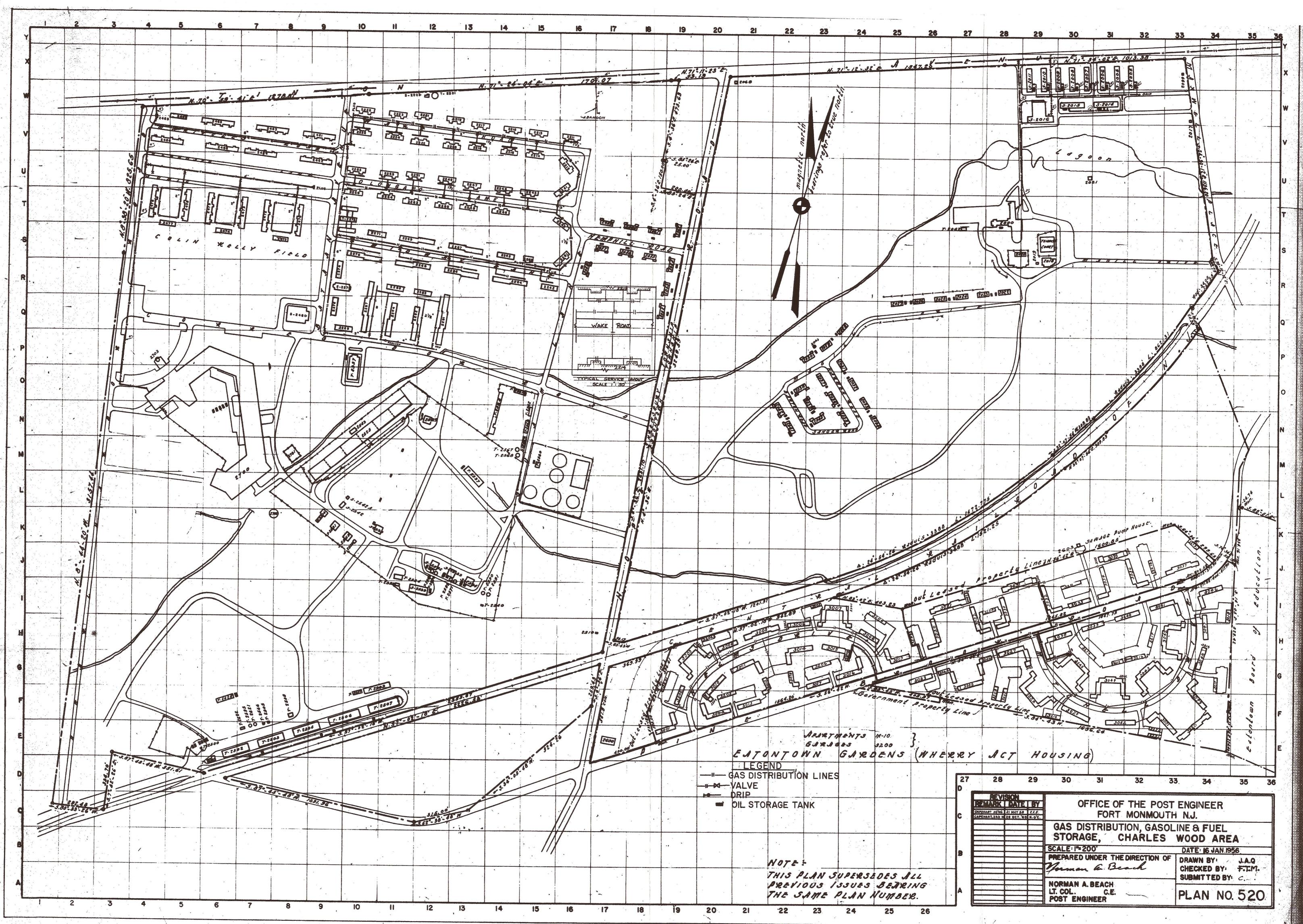
| | | | | | В | ORING | LO | 3 | | | BORING NUME | BER: P83-SB13 |
|---------------------|---|---------|----------|----------------|--------|----------------|--------|-----------|--------|-------------------------------|----------------------------|------------------|
| | V ENV | | | | | PROJ | DECT: | US Army | BRAC 2 | 005 Site Investigation | JOB NUMBER: CLIENT: USACE | 124976 |
| | I VI I IVA | SIN | | LUKE | 9 | | ATION: | | | , NJ | DRILLER: Frank A | ccorsi |
| | | | | | | | | | | | FIELD REP: C.A | |
| | | | | SAMPLE | | CASING | ; | CORE BARE | REL | | OF GROUNDWATER | |
| | TYPE SIZE (ID) | | Geop | robe Mac 2" | roCore | | + | 4 | | DATE 12/17/07' | | |
| HAMN | MER WEIG | | | NA | | | | | | Groundwater Depth (feet): | 4.0' | |
| HAM | MER FAL | | <u> </u> | NA | i | | | | | | | |
| DEPTH (feet) | No. | DEP | TH | R | EC | USC S | ymbol | 1 | | DESCRIPTION OF MATER | ALS | PID ppm |
| 0 | | | | 10 | 00% | S | M | 1 | | 0-1.5' Silty Sand and organ | ics | |
| 1 | SB13-A | 0-0 | .5' | | | | (CD | _ | | 15 40% 5 1 11 | | 0.0 |
| 2 | SB13-B | 1.5- | 2.0' | | | SM | /GP | 1 | | 1.5-4' Silty Sand with grave | , wet | 0.0 |
| 3 | | | | | | | | - | | | | |
| 4 | SB13-C | 3,5- | 4.0' | | | | | 1 | | End of Exploration | | |
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| 16 | DIC TV | | | nale er | tod C | robo P:- | | <u> </u> | | CIDEACE ELEVATION | | |
| DRILLING TEMPORA | | | | uck-moun : | | robe Rig No | | | | SURFACE ELEVATION START DATE: | 12/17/2007 | |
| RISER FR | | NA | то: | | | I FROM: | N | A TO: | NA | | 2/17/2007 | |
| NOTES: | | | | | | | | · · | | | 1 | |
| PID me | easurements measured to tapplicable | rom gro | | | ıls | | | | | | | |

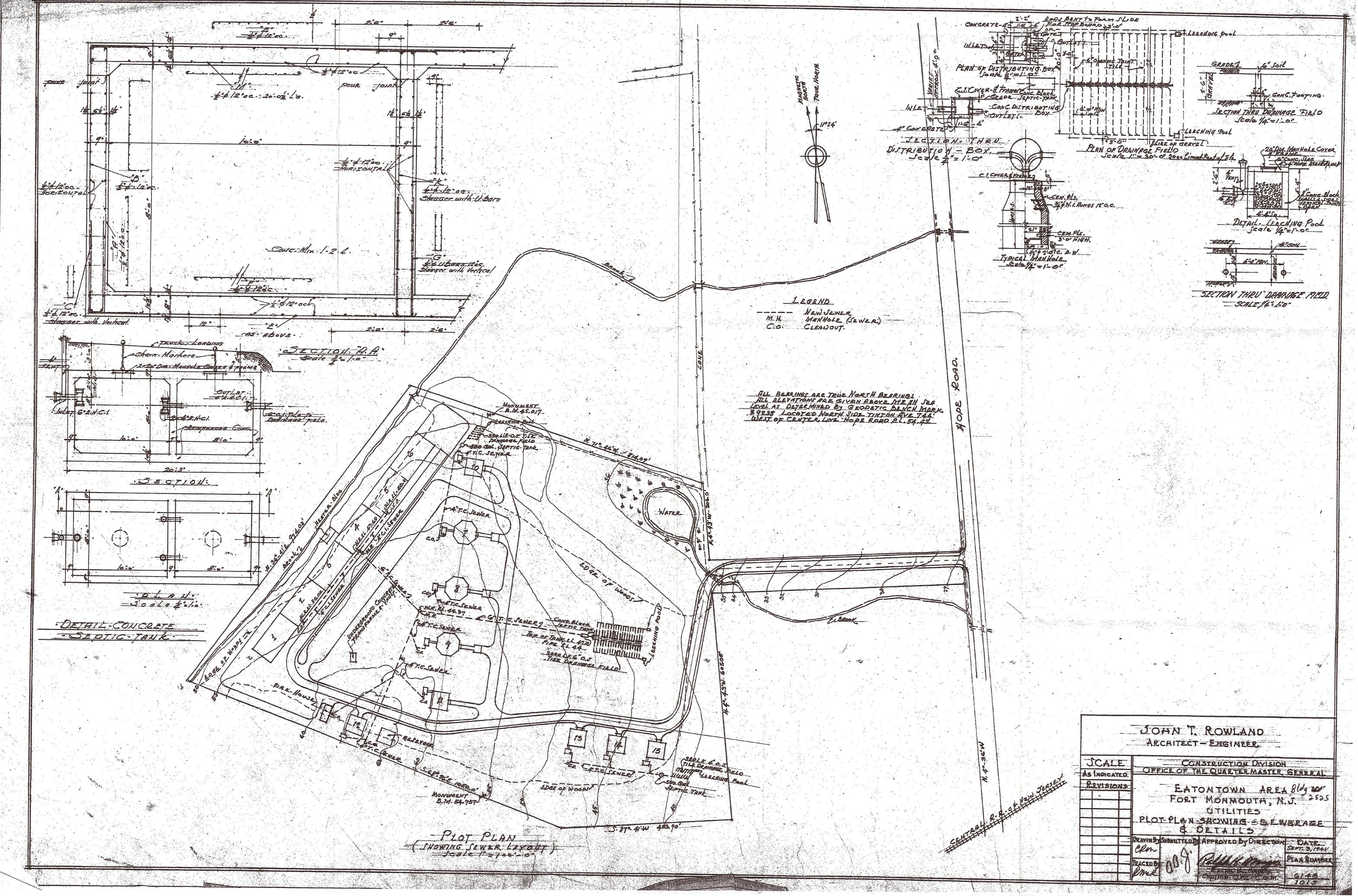
| | - | | | В | OR | ING L | OG | | | | BORING | G NUMBE | CR: P83-SB14 |
|-----------|--|---------|-------------|-----------------------|--------------|---------|------|-----------------|-------------------|-------------------------------|------------|-----------|-----------------|
| | | | | | | PROJEC | CT: | US Army BRAC | 2005 Site Investi | gation | JOB NUMI | | 124976 |
| | | | | ENTAL & | Ć | | | - | | | CLIENT: | USACE | |
| ıı | NFKA | STF | RUC' | TURE | | LOCAT | ION: | Main Post, FTMM | I, NJ | | CLIENT | OSACE | |
| | | | | | | | | | | | DRILLER: | Frank Acc | orsi |
| | | | | | | CONTR | ACTO | R: TVS | | | FIELD RE | D- C A | |
| | | | | | | | | | | | FIELD RE | r: C.A | |
| | | | | SAMPLER | C. | ASING | C | ORE BARREL | | | OF GROUND | WATER | |
| | TYPE IZE (ID) | | Geor | robe MacroCore 2" | - | | | | DATE 12/18/ | | | | |
| HAMM | ER WEIG | | | NA | | | | | Groundwater D | epth (feet): | | 3.5' | |
| НАМ | MER FAL | | MDIE | NA | | | | | | | | | |
| DEPTH | No. | | MPLE PTH | REC | \top | USC Sym | bol | | DESCRIPTIO | N OF MATER | ALS | | PID |
| (feet) | | | - | 100% | + | SP | | | 0-0.5' Sand | and organics, Br | own | | ppm |
| | SB14-A | 0-0 | 0.5' | | | SW/GV | v | | | , Black, Gravel, | | | 0.0 |
| <u> </u> | | | | | - - | SP | - | | 1.5-2.5' S | and and ash, Bla | ck | | |
| 2 | SB14-B | 1.5 | -2.0' | | 1 | SM | | | | nds with silt, Bro | | | 0.0 |
| 3 | | | | | 1 | | | | | • | , | | |
| 4 | SB14-C | 3-1 | 3.5' | | + | SP | | : I | | Sand, Red, wet of Exploration | | | |
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| 16 | \vdash | | | | _ | | | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-mounted Geo | probe | Rig | | | SURFAC | CE ELEVATION | I: | | |
| TEMPORA | | | | | Yes | | | | START | | 12/18/2007 | | |
| RISER FRO | OM: | NA | TO: | NA SCREE | N FR | OM: | 4' | TO: 9' | END DA | ATE: 1 | 2/18/2007 | | |
| NOTES: | | | | | | | | | | | T | | |
| Depths | asurements measured t t applicable | from gr | | 6" intervals rface | | | | | | | | | |

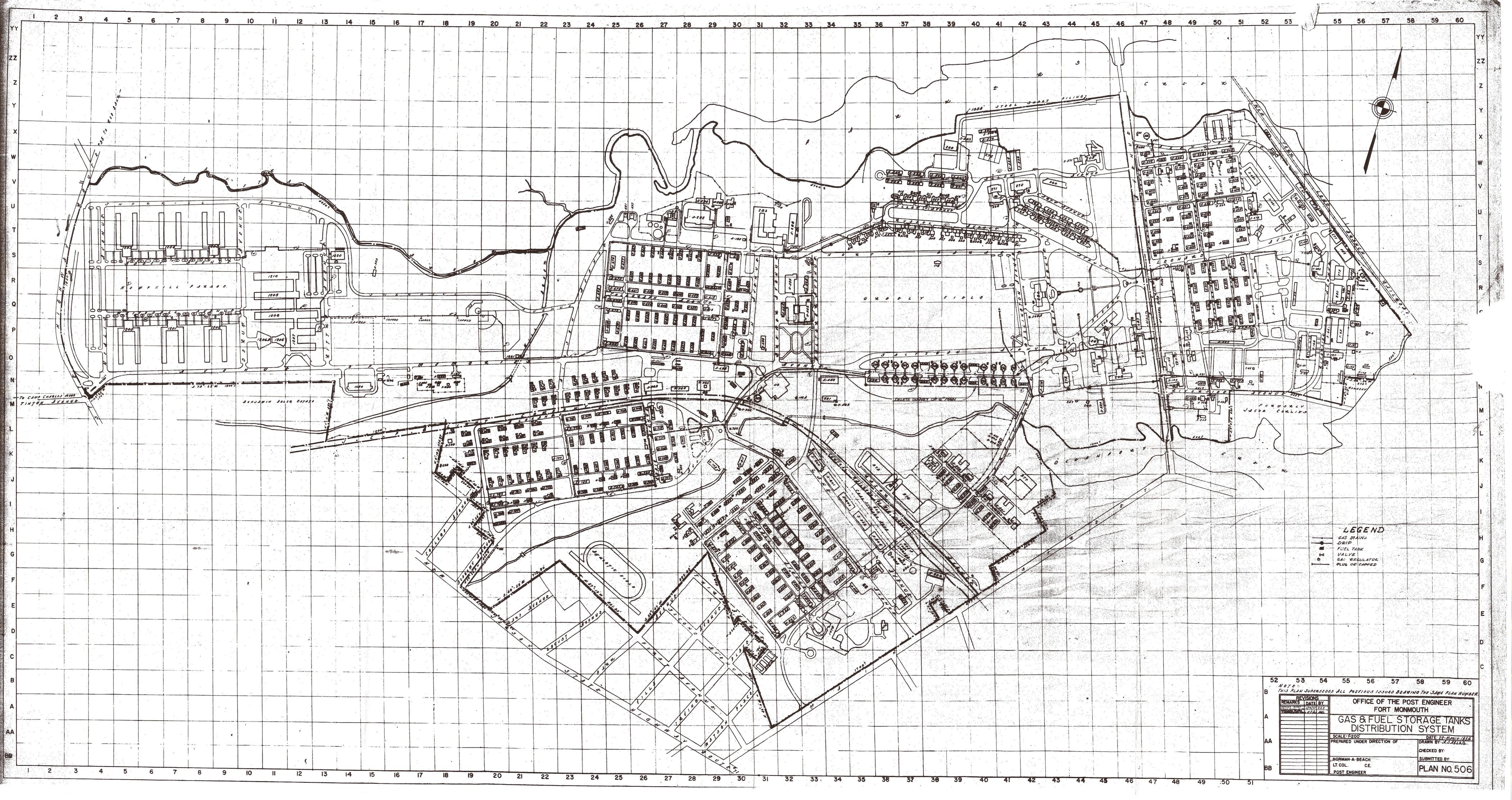
| | | | - | В | ORING | LOG | <u>.</u> | | | BORIN | G NUME | BER: P83-SB15 | | | |
|------------------|--|----------|-------|---------------------------------------|-------------|-------|-------------------------------|-----------------|---------------------------------|-------------------------|---------|------------------|--|--|--|
| | V ENV NFRA | | | ENTAL & | LOCA | ΓΙΟΝ: | US Army BRAC Main Post, FTMN | | gation | JOB NUM CLIENT: DRILLER | USACE | 124976 | | | |
| | | | | | CONT | RACIO | OR: TVS | | | FIELD RE | EP: C.A | | | | |
| | | | | AMPLER | CASING | (| ORE BARREL | | | OF GROUNI | DWATER | | | | |
| | TYPE IZE (ID) | | Geopi | robe MacroCore 2" | | ₩. | | DATE 12/18/ | 07' | | | | | | |
| | IER WEIG | HT | | NA NA | | + | | Groundwater D | epth (feet): | | 3.5' | | | | |
| | MER FAL | | - | NA | | | | | | | | | | | |
| | | SAM | | | | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | гн | REC | USC Sy | mbol | | DESCRIPTION | N OF MATER | IALS | | PID ppm | | | |
| 0 | Ì | | | 100% | SM | | | 0-0.5' Sand and | Silt and organi | s, Brown | | | | | |
| | SB15-A | 0-0. | 5' | | SP | | | | 75' Sand, Black | | | 0.0 | | | |
| 1 | | | | | SW | | | | Sand, Red Oran Sand, Green B | | | | | | |
| 2 | SB15-B | 1.5-2 | .0' | | Sivi | | | 1-2.5 Silty | Sand, Ofeen D | OWII | | 0.0 | | | |
| | | | | | SM | | | 2.5-4' Silty | Sand, Yellow E | rown | | | | | |
| 3 | lanic a | | | | | | 1 | | | | | <u> </u> | | | |
| 4 | SB12-C | 3-3. | - | | | | | End o | | | | <u> </u> | | | |
| 4 | | | | • | | | | Dire (| or Emploration | | | | | | |
| | SB15-C 3-3.5' wet | | | | | | | | | | | | | | |
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| 16 | | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tru | ck-mounted Geor | orobe Rig | | | SURFAC | E ELEVATIO | N: | | | | | |
| TEMPORA | RY WELL | INSTA | LLED: | | No | | | START | DATE: | 12/18/2007 | 7 | | | | |
| RISER FRO | | | то: | NA SCREET | N FROM: | NA | TO: NA | END DA | | 2/18/2007 | | | | | |
| NOTES: | | | | | | | | | | | | | | | |
| PID me Depths | asurements measured f t applicable | rom grou | | 5" intervals face | | | | | | | | | | | |

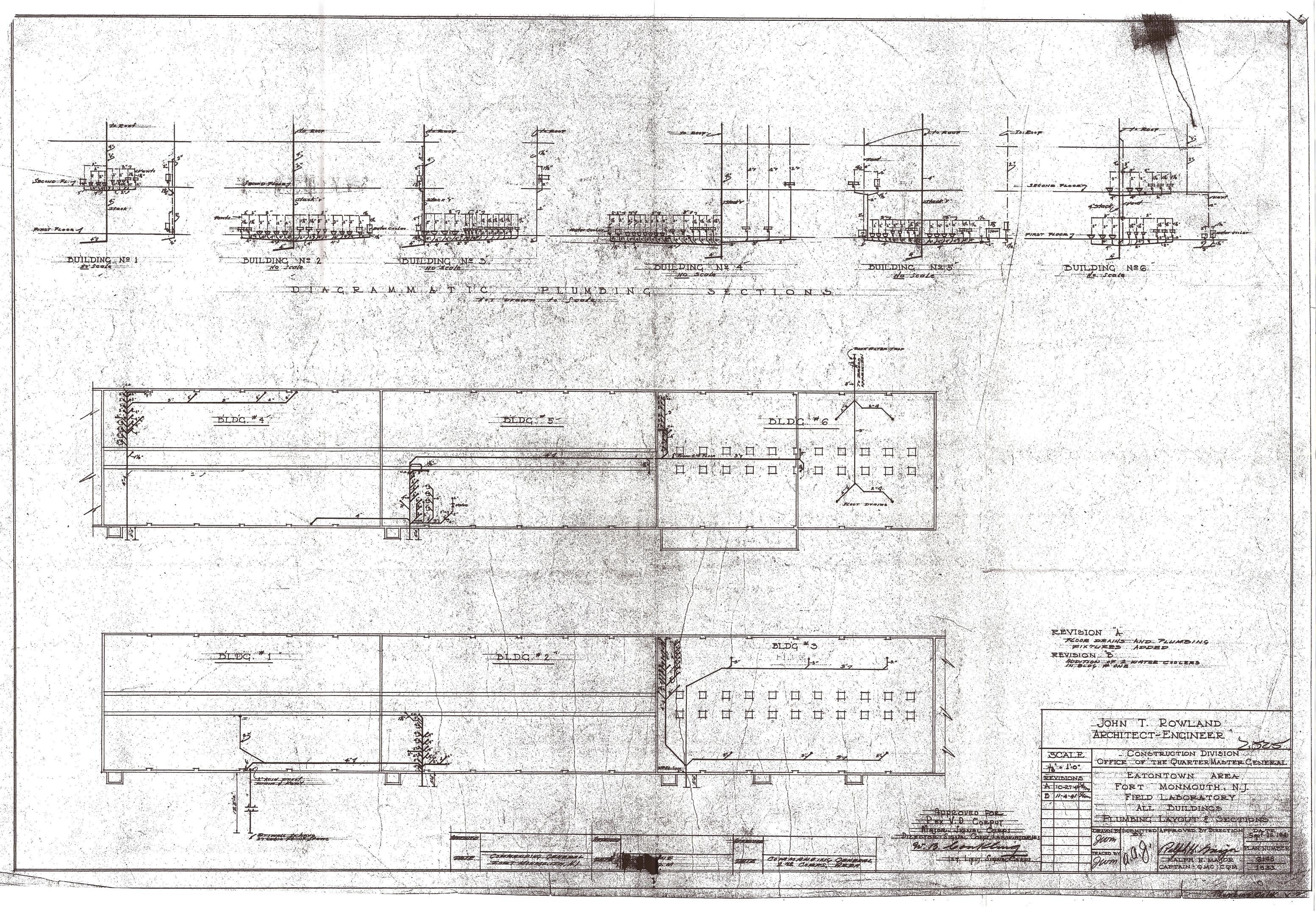
| | - | | | | В | ORI | NG L | OG | | | | | | BORING | 3 NUMB | BER: P83-SB16 |
|---|--|-------------|------|-------------------------------|----------|----------|-----------------|-----------|----------|--------|------------------|---------------------------------------|------------|------------|--------|------------------|
| SHAV | | | | | | Z P | ROJEC | T: | US Army | BRAC 2 | 005 Site Inves | tigation | | JOB NUMI | | 124976 |
| I | TURE | C | r | LOCATION: Main Post, FTMM, NJ | | | | | CLIENT: | USACE | | | | | | |
| | | | | | | c | CONTRACTOR: TVS | | | | | DRILLER: Frank Accorsi FIELD REP: C.A | | | | |
| | | | Γ. | SAMPLE | np | CAS | ING | | ORE BARE | EL. | | DEP | TH OI | F GROUND | WATER | |
| | TYPE | | | robe Mac | | CALO | | | | | DATE 12/19 | | | · | - | |
| | IZE (ID) IER WEIC | нт | - | 2" NA | | | | | | | Groundwater I | Denth (feet): | + | | 2.5' | |
| | MER FAL | | · | NA. | | | | | | | Orounawater 1 | Jepan (recty. | | | 2.5 | |
| N. E. N. P. P. P. P. P. P. P. P. P. P. P. P. P. | Is. | | MPLE | - | | 1 | 200 | | | | | on | - | . . | | |
| DEPTH (feet) | No. | DEP | тн | R | EC | U | SC Sym | bol | | | DESCRIPTIO | ON OF MAT | ERIA | LS | | PID ppm |
| 0 | | | | 10 | 0% | \perp | SW/GV | V | | | 0-1.5' Sand a | nd Gravel, B | lack/B | rown | | |
| 1 | SB16-A | 0-0 | 1.3' | | | + | | — | | | | | | | | 0.0 |
| | 2011 | | 2 01 | | | | SM/GN | 1 | | 1.5-2 | ' Silty Sand, ar | | | | | |
| 2 | SB16-B SB16-C | 1.5- 2-2 | | | | | SM | | | | 2-4' Silty Sa | 2-4' Silty Sand, Green Brown, wet | | | | 0.0 |
| 3 | 55.00 | | | | | | | | | | | | | | | |
| 4 | | | | | | - | | | | | End | of Exploration | on | | | - |
| 4 | | | | | | | | | | | Dire | OI Explorati | 011 | | | |
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| 16 | | | | | | | | | | | | | | | | |
| DRILLING | RIG TYP | E: | Tr | uck-moun | ted Geop | robe Ri | ig | | | | SURFA | CE ELEVAT | ION: | | | |
| TEMPORARY WELL INSTALLED: No | | | | | | | | | | START | DATE: | | 12/19/2007 | | | |
| RISER FRO | OM: | NA | TO: | NA | SCREEN | I FRON | 1 : | NA | TO: | NA | END D | ATE: | 12/ | 19/2007 | | |
| NOTES: | - | | | | | | | | | | | | | Ι | | |
| PID me Depths | asurement measured : t applicabl | from gro | | | ls | | | | | | | | | | | |

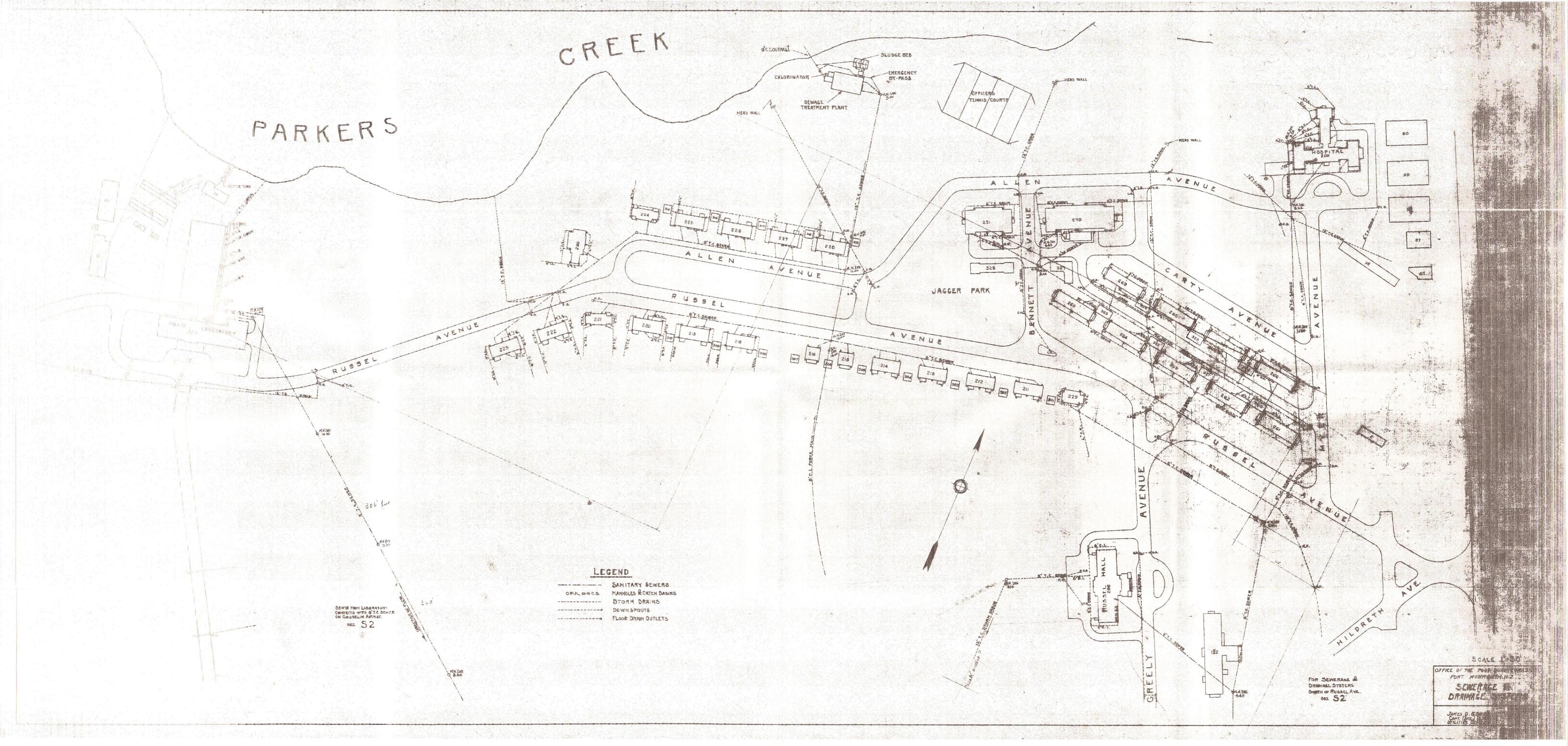
| | | | | | ВО | RING I | OG | ļ | | | BORING | G NUMBE | CR: P83-SB17 |
|--|--|---------|------|-----------------------|--------|--------------|-------------------------------|--------------|-----------------------------------|-----------------|----------------|-----------------------------------|-----------------|
| | | | | ENTAI FURE | L & | PROJE | CT: | US Army BRAC | 2005 Site Invest | igation | | JOB NUMBER: 124976 CLIENT: USACE | |
| TT. | NEKA | 91 K | .UC. | IURE | | LOCAT | LOCATION: Main Post, FTMM, NJ | | | | DRILLER: | | |
| | | | | | | CONTR | CONTRACTOR: TVS | | | | FIELD REP: C.A | | |
| | | | , | SAMPLER | \top | CASING | (| ORE BARREL | Ī . | DEPTH | OF GROUND | WATER | |
| | TYPE | | | robe MacroC | | O.LOZI. | | | DATE 12/19 | | | | |
| | ZE (ID) ER WEIG | ит | - | NA | | | | | Groundwater D | enth (feet): | | 6.0' | |
| | MER FAL | | | NA NA | | · | | | Ground-water D | cpin (rect). | | 0.0 | |
| | | | IPLE | | | | | | | | | | |
| DEPTH (feet) | No. | DEP | тн | REC | | USC Syn | ıbol | | DESCRIPTIO | | | | PID ppm |
| 0 | | | | 100% | | SP/GV | | | | d and Gravel, B | | | |
| 1 | SB17-A | 0-0 | .5' | | - | SM/G\ SM | <u>~</u> | | 0.5-1' Silty Sand 1-3.75' Silt | ty Sand, Green | | | 0.0 |
| 2 | SB17-B | 1.5- | 200 | | | | | | | | | | 0.0 |
| | 3B17-B | | 2.0 | | | | | | | | | | 0.0 |
| 3 | | | | | | SP | | | 3.75-4' Sa | and, Brown Ora | nge | | |
| 4 | | | | | | | | | | · | | | 200 |
| 4 | | | | | | SP | | | 4-8' San | id, Brown Oran | ge · | | 0.0 |
| 5 | | | | | | | | | | | | | |
| 6 | SB17-C | 5.5- | 6.0' | | | | | ļ | | wet | | | |
| 7 | | | | | | - | | | | | | | |
| | | | | | | | | | End | of Evaloration | | | |
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| 16 | | | | | | | | | | | | | |
| DRILLING | RIG TVD | R. | т. | uck-mounted | George | be Rig | | | SURFAC | CE ELEVATIO | N: | | |
| | | | | | _ | _ | | | | | 12/19/2007 | | |
| TEMPORARY WELL INSTALLED: Yes START DATE: 12/19/2007 RISER FROM: NA TO: NA SCREEN FROM: 6' TO: 11' END DATE: 12/19/2007 | | | | | | | | | | | | | |
| NOTES: | | | | | | | | | ! | | | | |
| PID mea | nsurements measured f applicable | rom gro | | 6" intervals rface | | | | | | | _ | | |













Appendix G

Historic Figures and Aerial Photographs

SELECT HISTORIC AERIAL PHOTOGRAPHS:

Sources:

Environmental Research, Inc., 1993. Aerial Photographic Site Analysis, Evans Area, Charles Wood Area, Fort Monmouth, New Jersey. December 1993.

USEPA, 1985. Installation Assessment Relook Program, Working Document, Fort Monmouth Complex, Long Branch, New Jersey. September 1985.

December 1993 ERI-02-001-93

ERI Aerial Photographic Site Analysis

Evans Area Charles Wood Area Fort Monmouth, New Jersey

United States Army

Environmental Center





を変

CHARLES WOOD AREA

LEGEND

Building
Containers
Cleared Area
Debris
Disturbed Groi
Dark-Toned
Depression
Dismantled
Excevation
Filled Area
Graded Area
Ground Scar
Light-Toned
Liquid
Material

Access Road <u>Drainage</u> Channelized Natural Feature Boundary ===== -

29

FIGURE 13

LEGEND

31

MAY 2, 1957

CHARLES WOOD AREA

APPROX. SCALE 1:9,150



Installation Assessment Relook Program Working Document

FORT MONMOUTH COMPLEX LONG BRANCH, NEW JERSEY 85X-11 SEPTEMBER 1985

EPIC File Copy

Do Not Remove

prepared for
U.S. Army Toxic and Hazardous
Materials Agency
Under Interagency Agreement
No. RW-21930148-01-8



FIGURE 3 FORT MONMOUTH MAIN POST

SEPTEMBER 19,1947

APPROX SCALE I: 15,000



FIGURE 7
FORT MONMOUTH
MAIN POST

DECEMBER 6,1969

APPROX SCALE I'IE



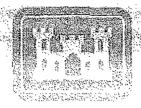
FIGURE 8 FORT MONMOUTH MAIN POST

MARCH 13,1974

APPROX SCALE I: II,000

Appendix H

Fort Monmouth Maximum Background Concentrations



CENAB-EN-HM

U.S. Army Corps of Engineers Bulliophy Mather

FINAL.

Site investigation Fort Monmouth, New Jersey Main Post and Charles Wood Areas

Site Investigation Report

Contract Number DACA31-92-D-0018

Delivery Order 0041/0045/0047

December 1995

Prepared for

U.S. ARMY CORRS OF ENGINEERS 10 South Howard Street Baltimore, Maryland 21201

95P-167

PRINTED ON REGYCLED PAPER

Prepared by:



Roy F. Weston, Inc. West Chester, Pennsylvania 19380-1499

Table 4.1-6

Fort Monmouth - Main Post

Summary of Site-Specific and Monmouth County

Soil and Groundwater Maximum Background Concentrations

| | eg colognes inschool (1995-1995). F Summit die school in die sie die | | GROUNI | J.1125'E.D.I. |
|----------------------------|---|--------------------|--------------------------------|--------------------|
| COMPOUNDS | Site Specific | Monmouth County | Site: Specific (maximum) | Monmouth County |
| | | (maximum) | (maximum) | (maximum) |
| SVOC'S | | (mø/ke) | (ueff) | (uø/L) |
| Phenol | 0.420 J | - | ND | |
| Acenaphthylene | 0.041 J | | ND | |
| Acenaphthene | 0.100 J | | ND | |
| Dibenzofuran | 0.060 J | | ND | |
| Diethylphthalate | . ND | | ND. | <u> </u> |
| Fluorene | 0.074 J | | ND. | |
| Phenanthrene | 0.39 | | ND | |
| Anthracene | 0.100 J | | ND | |
| | 2.2 B | | ND | - |
| Di-n-butylphthalate | | - | | · |
| Fluoranthene | 0.46 | <u> </u> | ND | ļ |
| Pyrene | 1.5 | - | ND | <u> </u> |
| Benzo(a)anthracene | 0.65 | | ND | - |
| Chrysene | 0.65 | <u>-</u> | 3 J | - |
| ois(2-Ethylhexyl)phthalate | .19 J | <u> </u> | 51 | <u> </u> |
| Benzo(b)fluoranthene | 0.9 | ļ <u>-</u> | ND | |
| Benzo(k)fluoranthene | 0.43 | | ND | <u> </u> |
| Benzo(a)pyrene | 0.6 | <u>-</u> | ND | ļ |
| Indeno(1,2,3-cd)pyrene | 0.46 | · | ND | |
| Dibenzo(a,h)anthracene | 0.079 JB | - | ND | |
| Benzo(g,h,i)perylene | 0.64 B | - | ND | <u> </u> |
| PESTICIDE / PCB | | (mg/kg) | (h&T) | (µg/L) |
| Heptachlor epoxide | ND | - | 0.041 J | - |
| 4,4-DDD | 0.0096 P | - | ND | |
| 4,4'-DDE | 0.0096 P | | ND_ | - |
| 4,4'-DDT | 0.11 | - | ND | - |
| METALS TOTAL | | | | |
| Aluminum | 15200 | NLE | 121000 | NLE |
| Antimony | 'ND | NLE | 20.7 | NLE |
| Arsenic | 22.9 | 4.56 | 89.3 | NLE |
| Barium | 32,3 | NLE | 699 | 400 |
| Beryllium | 2 | 0.09 | 2.1 | 7 |
| Calcium | 921 | NLE | 45400 | 7300 |
| Cadmium | ND | 0.116 | 9.5 | 6 |
| Cobalt | 2.5 | NLE | 18.3 | NLE |
| Chromium | 269 | 0.104 | 191 | < 50 |
| Соррег | 8 | 6.05 | 65.6 | 730 |
| Cyanide | ND | NLE | ND | NLE |
| Iron | 55800 | 11 | 431000 | 27000 |
| Lead | 19.5 | 25.9 | 22.7 | < 100 |
| Magnesium | 7230 | NLE | 62700 | 25000 |
| Mercury | ND | NLE | 0.26 | NLE |
| Manganesc | 90.7 | 59 | 331 | 480 |
| Nickel | 8.4 | 3.2 | 187 | NLE |
| Potassium | 15400 | NLE | 137000 | 10000 |
| Silver | 1.1 | 0.21 | ND | < 10 |
| Sodium | 51.6 | NLE | 21500 | 197000 |
| Selenium | 1.9 | 0.11 | 29.6 | NLE |
| Thallium | ND | NLE | 5.5 | NLE |
| Vanadium | 94.1 | 1.3 | 108 | NLE |
| Zinc | 81.4 | 44.6 | 233 | 60 |

ND - Not detected at the quantification limits

NLE - No level established

^{1 -} Sample 35 in Fields et al., 1992

² - From Table 9 in Hamman and Sargent, 1985

⁻ Literature search was not completed for SVOC and Pest/PCB compounds.

Table 4.1-7

Fort Monmouth - Charles Wood Summary of Site Specific and Monmouth County Soil and Groundwater Maximum Background Concentrations

| | | SOLES | GROUNDWATER | | |
|---|------------------|-----------------------|-------------------------------|---------------------------------------|--|
| EOMPOUNDS | Site Specific | Monmouth County | Site Specific (maximum) | Monraouth County | |
| STOCIE. | (maximum) | (maximum) | (maximum) | (maximum) | |
| | . 38 millinging) | ter sortinging person | S. C. S. (Pg(L) | (h\$/1-) | |
| Phenol | ND | <u> </u> | ND | | |
| Accnaphthylene | ND | | ND | | |
| Acenaphthone | ND | - | ND | | |
| Dibenzofuran | ND | <u> </u> | ND | <u> </u> | |
| Diethylphthalate | ND | | 1 J | <u> </u> | |
| Fluorene | ND | | ND | - | |
| Phenanthrene | ND | | ND | | |
| Anthracene | ND | | מא | · · · · · · · · · · · · · · · · · · · | |
| Di-n-butylphthalate | 2 B | | ND | | |
| Fluoranthene | 0.042 J | <u> </u> | ND ND | <u>-</u> | |
| Рутепа | 0.048 J | | ND | | |
| Benzo(a)anthracene | 0.046 J | - | ND | | |
| Chrysene | 0.083 J | • | ND | | |
| bis(2-Ethylhexyl)phthalate | 0.170 J | | 600 | - | |
| Benzo(b)fluoranthene | 0.078 J | - | ND | • | |
| Benzo(k)fluoranthene | 0.041 J | - | ND | | |
| Вепхо(а)ругеле | 0.047 J | _ | ND | • | |
| Indeno(1,2,3-cd)pyrene | ND | _ | ND | | |
| Dibenzo(a,h)anthracene | ND | - | ND | - | |
| Benzo(g,h,i)perylene | 0.042 J | | ND | - | |
| PESTICIDE / PCB | (mg/kg) | (mg/kg) | (µg/L) | (µg/L) | |
| Heptachlor epoxide | ND | - | ND | - | |
| 4,4-DDD | ND | | ND | - | |
| 4,4'-DDE | 0.071 | - | ND | | |
| 4,4'-DDT | 0.053 | - | ND | - | |
| METALS TOTAL | (mg/kg) | (mg/kg) | (µg/L) | (µg/L) | |
| Aluminum | 15700 | NLE | 8210 | NLE | |
| Antimony | ND | NLE | ND | NLE | |
| Arsenic | 31.6 | 10.7 | 25.1 | NLE | |
| Вагіит | 26 | NLE | 192 | 400 | |
| Beryllium | 1.7 | 0.88 | 2.8 | 7 | |
| Calcium | 653 | . NLE | 8700 | 7300 | |
| Cadmium | ND | 0.135 | 3.7 | 6 | |
| Cobalt | 4.5 | NLE | 30.6 | NLE | |
| Chromium | 128 | 0.14 | 49.6 | < 50 | |
| Copper | 6.6 | 7.27 | 9.8 | 730 | |
| Cyanide | 0.41 | NLE | ND | NLE | |
| Iron | 45500 | 23.7 | 19600 | 27000 | |
| Lead | 11.1 | 15.1 | 7.3 | < 100 | |
| Magnesium | 3960 | NLE | 7160 | 25000 | |
| Mercury | ND | NLE | ND | NLE | |
| Manganese | 48.7 | 120 | 232 | 480 | |
| Nickel | 8.3 | 8.3 | 48,3 | NLE | |
| Potassium | 10600 | NLE | 4630 | 10000 | |
| Silver | ND | 0.26 | ND | <10 | |
| Sodjum | 56.8 | NLE | 36400 | 197000 | |
| Selenium | 0.85 | 0.17 | 3.8 | NLE | |
| Thallium | ND ND | NLE | | | |
| 4 1 194 144 144 144 144 144 144 144 144 | עא | NLE | ND | NLE | |
| Vanadium | 59.6 | 14 | 28.9 | NLE | |

ND - Not detected at the quantification limits

NLE - No level established

[.] Sample 36 in Fields et al., 1992

² - From Table 9 in Harriman and Sargent, 1985

⁻ Literature search was not completed for SVOC and Pest/PCB compounds.

Table 4.1-8
Fort Monmouth - Main Post
Surface Water and Sediment Maximum Background Concentrations

| COMPOUND | SEDIMENTS | SURFAC | E WATER |
|----------------------------|-------------------|-------------|--------------|
| | (mg/kg) | | Soluable |
| VOCs | (#S :5) | | |
| Acetone | 0.47 B | ND | ND |
| 2-Butanone | 0.1 | ND | ND |
| SVOCs | | | |
| Phenanthrene | 0.39 J | ND | |
| Anthracene | 0.061 J | ND | |
| Carbazole | 0.051 J | ND | |
| Di-n-butylphthalate | 0.0313 0.26 JB | ND | |
| Fluoranthene | | ND ND | |
| | 1.5 | | |
| Pyrene | 2 | ND | ND |
| Benzo(a)anthracene | 1.3 | ND | ND |
| Chrysene | 0.37 J | ND | ND |
| bis(2-Ethylhexyl)phthalate | 0.43 J | ND | |
| Benzo(b)fluoranthene | 1.8 | ND | |
| Benzo(k)fluoranthene | 0.58 | ND | |
| Benzo(a)pyrene | 1.2 | ND | |
| Indeno(1,2,3-cd)pyrene | 0.7 | ND | |
| Dibenzo(a,h)anthracene | 0.12 J | ND | |
| Benzo(g,h,i)perylene | 0.67 | ND | ND |
| Total Organic Carbon | 5.7 | ND | ND |
| PESTICIDES/PCBs | | | |
| Heptachlor epoxide | 0.014 P | ND | ND |
| Endosulfan I | 0.0024 J | ND | ND |
| 4,4'-DDE | 0.0092 J | ND | ND |
| 4,4'-DDD | 0.013 | ND | ND |
| 4,4'-DDT | 0.0057 JP | ND | ND |
| alpha-Chlordane | 0.011 P | ND | , ND |
| gamma-Chlordane | 0.0092 P | ND | ND |
| METALS | | | |
| Aluminum | 9060 | 748 | |
| Arsenic | 14.5 | 2.6 | ND |
| Barium | 87.6 | 44.7 | 39.4 |
| Beryllium | 3.2 | ND | |
| Calcium | 3180 | 31600 | |
| Cobalt | 119 | 8.1 | |
| Chromium | 88.1 | 7.5 | |
| Copper | 48.4 | 3.2 | |
| Iron | 61900 | 6210 | |
| Mercury | . 1.7 | | · |
| Potassium | 10200 | | |
| Magnesium | 3280 | | |
| Manganese | 70.2 | | |
| Sodium | 189 | | |
| Nickel | | | |
| | 131 | | |
| Lead | 64.1 | | |
| Selenium | 1.7 | | |
| Vanadium | 49.1 | | |
| Zinc | 162 | | |
| Cyanide | 3.1 | NE | ND |

Table 4.1-9
Fort Monmouth - Charles Wood
Surface Water and Sediment Maximum Background Concentrations

| COMPOUND | SEDIMENT | SURFACE WATER | | | |
|----------------------------|----------|---------------|-----------|--|--|
| | | (Total): | (Soluble) | | |
| SVOCs (mg/kg) | | | | | |
| bis-(2-Ethylhexy)phthalate | 0.23 Ј | 1 J | ND | | |
| Di-n-butylphthalate | 0.12 J | ND | ND | | |
| PAHs (mg/kg) | | | | | |
| Benzo (a)anthracene | 0.09 J | ND | ND | | |
| Benzo (a)pyrene | 0.1 J | ND | ND | | |
| Benzo (b)fluoranthene | 0.16 J | ND | ND | | |
| Benzo (g,h,i)perylene | 0.21 J | ND | ND | | |
| Chrysene | 0.14 J | ND | ND | | |
| Fluoranthene | 0.12 J | ND | ND | | |
| Indeno (1,2,3-cd)perylene | 0.19 J | ND | ND | | |
| Phenanthrene | 0.079 J | ND | ND | | |
| Pyrene | 0.41 J | ND | ND | | |
| PESTICIDES/PCBs (mg/kg) | | | | | |
| 4,4'-DDD | 0.015 PD | ND | ND | | |
| 4,4'-DDE | 0.096 | ND | ND | | |
| 4,4'-DDT | 0.11 | ND | ND | | |
| METALS TOTAL (mg/kg) | | | | | |
| Aluminum | 6660 | 265 · | 160 | | |
| Antimony | ND | 26.8 | ND. | | |
| Arsenic | 5.8 | ND | ND | | |
| Barium | 45.7 | 77.1 | 78.2 | | |
| Calcium | 2960 | 22900 | 24000 | | |
| Chromium | 36.9 | ND | ND | | |
| Cobalt · | 4.2 | 2.8 | ND . | | |
| Copper | 24.5 | 8 | 10.2 | | |
| Iron | 19600 | 715 | 435 | | |
| Lead | 142 | 5.3 | 65.9 | | |
| Magnesium | 2560 | 7050 | 7390 | | |
| Manganese | 65.1 | 97.4 | 100 | | |
| Nickel | 11.3 | ND | ND | | |
| Potassium | 1700 | 3590 | 4040 | | |
| Selenium | 0.68 | ND | ND | | |
| Sodium | 271 | 156000 | 164000 | | |
| Vanadium | 39.5 | ND | ND | | |
| Zinc | 126 | 204 | 215 | | |

J - Estimated Concentrations

D - Diluted Analysis

P - Percent difference between two columns, the smaller of two is reported

ND - Compound was not detected at or above the quantification limit.

Supporting Documentation

30 June 2008

The following Table shows the compiled Real Property Records (DA Form 2877, O.C.E. FORM No. 432 and AGO FORM 5-47). A thorough review of the existing Real Property Records was conducted at the Master Planning Branch of the Fort Monmouth Directorate of Public Works (DPW), Building 167 Fort Monmouth NJ. Referenced Drawings are on file at the DPW.

Suspected Underground Storage Tanks Associated With Listed Buildings

| ECP Parcel | Building or Site Number | Reference Drawing # and Use | Old Real Property Records | 1978 Use Card file | Reference Pages |
|---------------|-------------------------------|--|--|-----------------------------------|--------------------|
| 14 | 2116 ^a | Mess Hall b,c,d | None identified | None identified | NA |
| 28 | 28_8 ^e | Laboratory Heater Building, S-2526 ^f (AKA T8-H ⁹) | None identified | None identified | NA |
| 51 | 758 | ⁿ Use Not Identified | School / Gen. Instrument Building 1942 | Admin. General Purpose | 3-8 |
| | 759 | ^h Use Not Identified | School / Gen. Instrument Building 1942 | Admin. General Purpose | 9-14 |
| | 763 | ^h Use Not Identified | School, 1942 | General Purpose Warehouse | 15-20 |
| | 764 | ^h Use Not Identified | School / Gen. Instrument Building 1942 | General Purpose Warehouse | 21-26 |
| | 767 | ⁿ Use Not Identified | School, 1942 | General Instrument Building | 27-32 |
| | 768 | h Use Not Identified | School / Gen. Instrument Building 1942 | General Instrument Building | 33-38 |
| | 769 | ⁿ Use Not Identified | Gen. Instrument Building 1942 | General Purpose Warehouse | 39-44 |
| | 771 | ⁿ Use Not Identified | School, 1942 | General Instrument Building | 45-46 |
| | 790 | ^h Use Not Identified | School, 1942 | General Purpose Warehouse | 47-52 |
| | 1111 | ^h General Storehouse | School, 1942 | Gen Storehouse | 53-60 |
| | 1112 | ^h General Instrument Building | School, 1942 | Gen Inst. Bldg. | 61-70 |
| 76 | 537 | ^h Officers Quarters w/out Mess | Barracks Officers Quarters | BOQ Mil Male | 71-77 |

| ECP Parcel | Building or Site Number | Reference Drawing # and Use | Old Real Property Records | 1978 Use Card file | Reference Pages |
|---------------|-------------------------------|-----------------------------------|---------------------------------|-----------------------|--------------------|
| | 538 | h Officers Quarters w/out Mess | None identified | None identified | NA |
| | 539 | h Officers Quarters w/out Mess | None identified | None identified | NA |
| | 541 | h Officers Quarters w/out Mess | Barracks Officers Quarters | BOQ Mil Male | 78 – 83 |
| | 542 | h Officers Quarters w/out Mess | None identified | None identified | NA |
| | 543 | h Officers Quarters w/out Mess | None identified | None identified | NA |
| | 544 | h Officers Quarters w/out Mess | None identified | None identified | NA |
| 79 | 437 | h Barracks | Financial Admin. | None identified | 84 – 89 |
| | 440or444 | h Barracks | Financial Admin. | None identified | 90 – 103 |
| | 441 | h Barracks | Financial Admin. | None identified | 104 – 110 |
| | 445 | h Barracks | Financial Admin. | None identified | 111 - 117 |

^a Building 2116 was identified to be associated with the suspected UST based on its proximity to the site as identified in Plan #1757. The building use is identified as a Mess Hall and the fuel used was identified as coal in all available records. Plans were done to convert from coal to gas in 1949 and 1952, but no documentation of this happening was found. It is surmised that the suspected UST was used for heat and hot water at building 2116 as an interim step during the 1950's. Building 2116 was removed to allow for the construction of Building 2216 (Capehart Housing) in July 1960. Based on Real Property Records, since 1960, Building 2216 and all other surrounding buildings were fueled by Natural Gas.

^b Drawing: Proposed Renovations & Modernization of Mess Halls T-2115, T-2116, T-2133, T-2134 at Camp Charles Wood, Plan # 1757, dated 22 April 1948. This Drawing identifies building 2116 as a Mess Hall and plots its location.

^c Drawing: Installation of Kitchen Equipment in T.O. Type Mess Halls, Camp Charles Wood, Plan # 2725B, dated June 1949. This plan proposes the installation of Natural Gas Appliances to Building 2116.
^d Drawing: Installation of Kitchen Equipment in T.O. Type Mess Halls, Camp Charles Wood, Gas Fired, Total 9 Buildings, Plan # 2725-B-1, dated April 1952. This plan proposes the installation of Natural Gas Appliances to Building 2116.

^e Drawing: Master Plot Plan, Watson Laboratories, Drawing # 1000-1, dated 30 July 1945, Multiple Revisions to 2 August 1950. States that Building T8-H was used as a Laboratory Heater Building.
^f Drawing: Correction to Electrical Deficiencies, Camp Charles Wood, Plan # 8701-D, Dated 10 May 1957, Revised 17 Oct 1956 and 6 Dec 1956. The Plan states the name of the building as S-2526 and shows one heater outbuilding.

^g Drawing: Gas Distribution, Gasoline & Fuel Storage, Charles Wood Area, Plan #520, 6 January 1956, Revisions 1958 and 1960. Indicates UST located at the location of the T8-H / S-2526 site.

^h Drawing: Gas & Fuel Storage Tanks Distribution System Main Post, Plan # 506, Dated 22 March 1956 Revisions 1957 and 1961. Depicts locations of USTs and associated buildings.

| FACILITY NO. | 2. DESIGNATION | 3. CATEGORY | | ED CAPACITY 5. TOTAL AREA | |
|---------------------------------------|-----------------------|-------------------------|-----------------------|---------------------------|--|
| I-758 | GENI INST. | BLDG 171-20 | . 1 | 868 # EXT 4/30 # | |
| UNIT OF MEASURE | 7. DRAWI | 97-169,/ | B. MAP NO. | L-20 LEASED GOWNED | |
| IO. AIR COND | ITIONING | 16. FIRE PRO | TECTION | 18. TYPE OF CONSTRUCTION | |
| a. TYPE | | a. NUMBER | | PERM SEMI-PERM TEMP | |
| b. CAPACITY | | b. TYPE EXTING | FUISHERS | 19. BUILDING DIMENSIONS | |
| c. 5Q YD AIR COND | | 17. MATE | | 4. MAIN BLOG 296"X 76" | |
| 11. HEA | TING . | a. FOUNDATION CO | ve RLICK | b. OFFSETS | |
| a. SOURCE ////) | IV PLANT | b. FLOOR CONCE | 1000 N | c. WINGS /Z' X 15' 6" | |
| 6. FUEL 012 | -HOT AIR | C. WALLS CONC | | d. BASEMENT | |
| 12. HOT WATER | FACILITIES | d. ROOFR OLL ROOM | FING ON WOOD | e. ATTIC | |
| a. CAPACITY | | e. SURFACE | | 20. TYPE OF CARD | |
| b. TEMPERATURE | | f. BASE | | BLDG MISC STR | |
| 13. NO. USABLE FLOO | 1 | HER MEASUREMENTS | | UTIL DIST SYS RAILROAD | |
| 15. | UTILITY CONNECTION | ONS | 21 BEWARKS | LAND SURFACED AREAS | |
| NUI | BER SIZE | CAPACITY | | RT MONMOUTH | |
| B. WATER | | | - KOOF HRE | EA 25.60# | |
| b. SEWER / | 64 | | - | | |
| c. ELECTRICITY | 100 | | 7 | | |
| d. GAS | | | 7 | | |
| e. STEAM | | | 1 | | |
| 1. CONDENSATE | | 1 | | | |
| | GPO: 1965 O 759-639 F | EPLACES DA FORMS 5- | 46, 8-47, 5-49, 5-50, | REAL PROPERTY RECO | |
| | | -51, AND 5-52, WHICH A | RE OBSOLETE. | (AR 735-27) | |
| A FORM 2877 * 1 NOV 64 CATEGORY CODE | DESIGNATIO | 1-51, AND 5-52, WHICH A | RE OBSOLETE. | (AR 735-27) | |

1942 USE - School

1947
USE Changed to E.m School

Assume - 1967
USE Changed to
General Trustmotion

Building.

Heat -OIL Hot Forced Asa.

| 22, | | COST DATA | | |
|----------------|---------------------------------------|--|-------------------|--|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| | 1942 | | | \$ 57 11.00 |
| NS. 47-43 | 1943 | Lot Floor Carlins | \$ 249.00 | # 37 //.DO |
| P.E. 13/14. | (3) | a dditional class runs facilities Hara | 1 -4 100 | |
| 923-106 | 1953 | #5744-14SHEETS | \$ 5,640.00 | |
| | 3/19/47 | alterations to efficiting Blogs for | 4 5,070.00 | |
| | , , | EM. Solved | \$ 3.23600 | |
| RE94(| F758) (| Installed concrete piers & new wood | 10 3; ~3 E2U | |
| 2937-Da | 155-470 | stains on enclosed of Bld. | - | |
| | | Plan # 3877 | \$ 557.69 | |
| | | | A 3.7. 6. | |
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| | | | | |
| B 171-20 | | DESIGNATION | 1 | |
| ~ ~ (# ~ % () | , | GEN INST BLDG | T-758 | |

| · STATION | | 2. DESIGNAT | | |
|-------------------------------|-----------------------|-------------------------------|---------------------------------------|-----------------------------|
| FORT MON | DRAWING NO. | | SCHOOL | (7.0.) |
| 100 1950 | 697-169:1 | 5・ COST ACC | COUNT CODE | 6. BUILDING NO. |
| • DIMENSIONS | 8. | MATERIALS | | SPACE HEATING |
| . HAIN BLOG. 29 6 X 70 | a. FOUNDATION C | PINC. BLOCK - | B. SOURCE | THE HEATERS |
| · OFFSETS | | e & Wood | b. FUEL | 016 |
| · WINGS 12 1/5-6" | C. WALLS COM | | 11. HOT | WATER FACILITIES |
| . BASEMENT | | DOFING ON WOOD | | TY TACTETTES |
| - ADDITIONS | 110. NO. OF USABLI | 10. HO. OF USABLE FLOORS TAKE | | RISE / |
| . FIRE PROTECTION FACILITIE | ES 13-UTILITY CONHECT | 7 1.07 49 | SIZE | CAPACITY |
| ••• | a. WATER | | · · · · · · · · · · · · · · · · · · · | |
| EXTINGUISHERS | b. SEWER. | te / Co | ,#1 | |
| REMARKS | C. ELECTRIC | | | |
| op Acea 25 60/A | ر d. GAS | | | |
| | e. STEAM | | | |
| | f. CONDENSATE | | | |
| DATE VOUCHER COMPLETED NUMBER | DESCRIPTION | | DESIGNED. CAPACITY | FLOOR AREA (Square Feet) |
| 947 01 | RIGINAL BUILDING OST | 5711.00 | | 3868 # INT |
| 1943 112 47.93 | | 249.00 | | 4/30 #EXT |
| 1/9/47 7529-205 | | -ENG 2988 1 | (over) | 10/25/2000 |

| DATE COMPLETED | HUMBER AOUCHER | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|---------------------------|---|--|-----------------------|-----------------------------|
| 1853 | PE 13 (1963) 923-DE | TOTALS BROUGHT FORWARD PLAN NO 574 ADDITIONAL CLASS ROOM FACILITIES | 4.148HEETS \$55640 | |
| 219 kg | 4.9 | S TO EXISTING BLOGS FOR EM | - / | Z,236. |
| 200 #17 | 14 06 | | | |
| As | PER INVEN | 1010 () 12/10/97 () 2/11/99 (3 | Ziolso APR 13 | 1951 |
| | | A Section of the sect | 12/21/33 24 | R |
| · | | AS PER IMPENTORY | DEC 28 1954 | 248 |
| | PLOS (EST. P) | AS PER INVINTORY | JAN 11 1356 | m |
| <u> 55ept 58</u> | 0937-Dg | Instacted Concrete Piers & New Word Stairs on each early Bilg | Shan Nr. 3877 | \$557.69 |
| | | As Per Inventory | 26 FEB 1962 | |
| | | | 0 | · |
| | | | | · |
| The Bow of Space and wind | granom granifima de cina do mante acesa el cidade | | | |

U. S. GOVERNMENT PRINTING OFFICE: 1947 C - 70822

| DATE | ECORD Spee. A. E. 20 EUCTURES | | | |
|---|--|---------------------------------------|---------------|----------------|
| POST FAST MONMOUTH DESIGNATION SCHOOL - E. M. | | TO PLAN NO | LDING NO | 169.1 |
| SIZE: MAIN BUILDING 27/-6"X 70'-0 HOW HEATED SCACE HEATEN THE | FIRE PROTECTION FACILI | 12 X 1516 BASEMENTIES - TYPE EXTENSEL | I | |
| MATERIALS: | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. |
| FOUNDATIONS Longrate Black | | WATER | _ | |
| FLOOR Brossete | | SEWER | | |
| WALLS Canarate Sta | | ELECTRIC | | |
| ROOF ROOF ROOFING | an VVoox | GAS | *, | |
| | | STEAM | | |
| | REMARKS | | | |
| - FOOTH FIRE 2 | 5, 60 /5 5.5. | | | · · · |
| | | | | |
| ORIGINAL CONST. | RUCTION AND CHANGES — ADDITIONS | (IN BLACK) - DELETIONS (IN | RED) | |
| | 2. FT. FLOOR AREA COST BOVE BASEMENT OR VALUE | REA | AARKS | |
| 42 7 | 130Ext. \$5,711.00 Es | ✓. ORIGINA | L BUILDING | |
| 1943 NE 47-43 3 | | st. floor ceiling. | | |
| 3/19/49 7525-203 Contract W | 30-095-eng. 2948. | Alterations 40 exist | ing Older . a | or E.M |
| ها دا ا | 86 Ext | Schiols. | 4 4 1 | - |
| | 78 INT. | Acutai 2 · | | |

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| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | | | R | EMARKS | |
|------------------|---------------|-------------------|--------------------------------------|----------------|------------------|-----------|--|---------------------|
| | Plan | = 1714 | 66 | | | TOTALS BR | OUGHT FORWARD | 1 1 |
| | | | | | AS PER IN | VENTURY | 1412/47 | Pac II |
| | | | | | | | | V |
| | | | | | AS PER INV | | 2/17/49 | SHOW |
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| | | | | MAINTENANCE CO | STS | | | |
| YEAR | TOTAL CO | | T PER YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER SQ. FT. |
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1 10 . 44 .384

| FACILITY NO | . 2.1 | DESIGNATION | 3. CATEGORY | 6.00.5 | | |
|-------------------------------|-----------------------|-------------|--|-------------------------------------|------------------------------------|--|
| T-75 | ٦. | en Inst.B | 1 | 1.000,00 | SED CAPACITY 5. TOTAL AREA | |
| · UNIT OF MEA | | 7. DRAWII | -04 10 | <u></u> | 528中 EXT. 4130中 | |
| SF | | | 97-169.1 | B. MAP NO. | LEASE NO. | |
| O, AIR | CONDITIONIN | IG. | 16. FIRE PRO | TECTION | 18. TYPE.OF CONSTRUCTION | |
| a. TYPE | | | a. NUMBER | | PERM SEMI-PERM TEMP | |
| b. CAPACITY | | | b. TYPE FXTING | 3 UISHERS | 19. BUILDING DIMENSIONS | |
| c. 5Q YD AIR | COND | | 17. MATER | | 8. MAIN BLDG 29' 6" X 70" | |
| 1. | HEATING | | a. FOUNDATION CO | We Brock | b. OFFSETS | |
| a. SOURCE 🤄 | | | b. FLOOR CONCI | WYON. | c. wings /2' X /5" 6" | |
| b. FUEL 🔘 | 11-1107 | AIR. | C. WALLSCONE F | SCORE | d. BASEMENT | |
| 12. HOT WATER FACILITIES | | | d. ROOF ROLL ROO | FINGON WEST | | |
| a, CAPACITY | | | e. SURFACE | | 20. TYPE OF CARD | |
| b: TEMPERATURE RISE | | | f. BASE | · | † <i>-1</i> | |
| 13. NO. USABLE FLOORS 14. OTH | | | ER MEASUREMENTS | | 1 | |
| 11 | 1-O | | • | | | |
| 5. | UTILIT | Y CONNECTIO | NS | 21 REMARKS | LAND SURFACED AREAS | |
| | NUMBER | SIZE | CAPACITY | WEMAKKS \2/8 | RT MINMOUTH | |
| . WATER |) | | | | | |
| , SEWER | 1 | 6.4 | | † | • | |
| . ELECTRICITY | 1 | | | 1 | | |
| . GAS | 7 | | | 1 | · | |
| . STEAM | | | | † | ÷ | |
| . CONDENSATE | , | | | 1 | | |
| FORM 2877 | ☆ GPO : 1965 (| | EPLACES DA FORMS 5-4 51, AND 5-52, WHICH AR | 6, 5-47, 5-49, 5-50. E OBSOLETE. | REAL PROPERTY RECOR (AR 735-27) | |
| | | | | | | |
| CATEGORY COI B 171-20 | DE ' | GEN INS | r BLDG | | FACILITY NO. T-759 | |

1942 USE: School

1948 - E.m. School

Assume - 1967

USE Changed to

General Instruction

Building.

Heat-

61 C

Forced Hot Air.

| 22. | | COST DATA | | |
|---|-------------------|--|---------------------------------------|---------------------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| | 1942 | | | \$ 5711.00 |
| 朋见, 哲2. 43 | 1943 | ist floor Calina | \$ 2.49.00 | 43 ///.00 |
| | <u>63)</u> (| additional classiform facilities | # 72 1 713 5 | |
| 923-26 | 1953 | Plus# 5742 - 1421 6t | \$5,640,00 | |
| ***** | 1948 | alterations for F.M. School | \$ 2,786.00 | |
| PE, 94 (F | | mitall consists piers & new wood | 11 51 1 56,00 | |
| 2937-Dg | 1554555 | stairs on each end of Blog Plan = 3577 | \$ 557,69 | <u>-</u> |
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| CATEGORY C B 171-20 | ODE | GEN INST BLDG | FACILITY NO. | |

| L. STATION | - Plan | 2. DESIG | | The second secon |
|--|---------------------------|---------------|----------------------|--|
| | WTH N.S. | | SCHOOL | 2 70 |
| Mr. 1950 6 | /ING NO. 597-1691 | | ACCOUNT CODE 520 | 6. BUILDING NO. 7-759 |
| 7. DIMENSIONS | G. MATER | IALS | 9. | SPACE HEATING |
| 8. MAIN BLOG. 29-6 "X 70" | a. FOUNDATION CONCI | PETE B | a. SOUR | CE TO THE P |
| • OFFSETS | b. FLOORS CONC. & | Wood | b. FUEL | OIL- City |
| . WINGS 12/4/5=6" | CONC. 17 | LOCK | 11. HO | T WATER FACILITIES |
| J. BASEMENT | d. ROOF ROLL ROOF | ING ON | Moon a. CAPA | CITY 1 |
| o. ADDITIONS | 10. HO. OF USABLE FLOO | RS TWO | b. TEMP | . RISE |
| 2. FIRE PROTECTION FACILITIES | 13-UTILITY CONNECTIONS | NO. | . S12E | CAPACITY |
| ما 200 د میلیون شهر در در امورد د میلیون | E. WATER | | | |
| EXTINGUISHERS | b. SEWER RA | | 6" | |
| 4. REMARKS Poor Hiero 25.60/11 S. | C- ELECTRIC | | | |
| DOE MEEN 1-1/1 | | | | |
| | 6. STEAM f. CONDENSATE | | | - · - · - · - · - · - · - · - · - |
| DATE VOUCHER COMPLETED NUMBER | DESCRIPTION | | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
| 1942 ORIGI | NAL BUILDING Casy 57 | 711.00 | | 1NT 4028 |
| 1943 NR 47-43 12 A | | 49.00 | | EXT. 4/30 |
| PLAN ETT PLAN | | | | 10/25/5-2 118 |
| | REAL PROPERTY RECOR | D - BULLDU | las | 7 |

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| DATE COMPLETED | Voucher Number | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|---------------------------|----------------------|---|----------------------|-----------------------------|
| 1553 | PE13(1953) 923 DE | TOTALS BROUGHT FORWARD PLAN NO 5 HODITIONIAL CHASS ROOM FACILITIE | 744-14 SHEFTS | |
| : As 12 | | co (1) 14/1/47 (2) 2/17/49 (3) | alio/so APR 13 | |
| | | 74 The 1994 | 12/21/33 11 | 2 |
| | , | S PER INVENTORS | The To Han | HR. |
| | | 42 bat manach | 'JAN 11 1956 | 101 |
| 1001. 3 | la en (es. 91) | Alteration for SM Jehool | Sollad 2,786, | \$14,436 |
| s lears of | 2937-Dg | Wind Steins esteach and Blog | Phone No. 3877 | \$557.69 |
| | | As Per Inventory | 26 FEB 1962 | |
| | | | U | |
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| ·1500/s = 1110/s = 1110/s | | | | |

U. S. GOVERNMENT PRINTING OFFICE: 1947 O - 706279

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Q 1 :

| ost Fort Manmouth, N.J., DESIGNATION School | POST BUILDING NO. 7759 7.0. PLAN NO. 697-169.1 |
|---|---|
| NO! | ROOM 126156" BASEMENT. TION FACILITIES TYPE Extinguishers WATER - CAPACITY GALLONS None |
| MATERIALS: FOUNDATIONS CONCrete Block | UTILITY CONNECTIONS NUMBER SIZE OR CA |
| FLOOR CONCRETE & Wood | WATER |
| WALLS Cancrete Black | SEWER |
| ROOF Pall Frofing on Wood | ELECTRIC / |
| | GAS |
| he | STEAM |
| -1375,08 4PEQ - 25,60 /2 5.5. | MAKA3 |
| 20,65,25 | |
| | |
| ORIGINAL CONSTRUCTION AND CHANGES — | ADDITIONS (IN BLACK) - DELETIONS (IN RED) |
| COMPLETED CAPACITY ABOVE BASEMENT OR | OST VALUE REMARKS |
| 3868 947 8 | 7.711.DD Est. D. ORIGINAL BUILDING |
| 943 NR 47-43 | 249 - Ist fl. ceiling |
| ACD 186 EXT. | |
| Pan 7871 178 INT. | |
| | |

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| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | | | REMARKS | |
|---|--|---|--------------------------------------|------------------|-----------------------|-------------|--|---------------------|
| | Plan | E1714 | | | - | | • | |
| | T | 7 | | | AS DOLLA | IOIALS B | ROUGHT FORWARD | |
| | | | | | AS PEK IN | IVENTUR | 1 702/47 | |
| - · · · · · · · · · · · · · · · · · · · | | | | † | 46 PER IN | VERTINE | 5// | " ON |
| | ļ <u></u> . | | | | 246. 1. 2007 2. 5.3.2 | F-MET WINE | <u> 4/17/49"</u> | <i>XII</i> ; |
| | ļ | | | | AS PER | NVENT | 10 1/10/10 /10/10 /10/10 /10 /10 /10 /10 | 7.4 |
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| YEAR | TOTAL COS | ST COST | DED | 1 | | | | |
| LAN | TOTAL COS | SQ. | FT. YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER SQ. FT. |
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| 1 FACILITY NO. 2. DESIGNATIO 1-763 Gen, Inst. | 8/16. B-171-20 Est. | HED CAPACITY S. TOTAL AREA 4028 # Int 4/30 # | |
|--|--|--|---|
| 6. UNIT OF MEASURE 7. DRAV | 9 - 169/ 8. MAP NO. | 1-10 9. LEASED NOWNED | 1942 - School, |
| 10. AIR CONDITIONING | 16. FIRE PROTECTION | 18. TYPE OF CONSTRUCTION | |
| a, TYPE | a. NUMBER | PERM. SEMI-PERM PTEMP | |
| b. CAPACITY | b. TYPE EXTINGUISHERS | 19. BUILDING DIMENSIONS | |
| C. SQ YD AIR COND | 17. MATERIALS | 8. MAIN BLOG 29: (" V 70" | 1948 - Em School |
| 11. HEATING | B. FOUNDATION COAC, SIE | b. OFFSETS | 7770 6.77. 32.425. |
| a. SOURCE Of FIRED Hot. ALV | b. FLOOR PORCEPER & WOOL) | c. WINGS /02 / / 5 -6" | |
| b. FUEL ()'// | C. WALLS COM BIR | d. BASEMENT | |
| 12. HOT WATER FACILITIES | d. ROOF ROLL KUCFURY ON WOO | /) e. ATTIC | • |
| a. CAPACITY | e. SURFACE | 20. TYPE OF CARD | |
| b: TEMPERATURE RISE | f. BASE | BLDG MISC STR | Assume: 1967 |
| 13. NO. USABLE FLOORS 14. 0 | THER MEASUREMENTS | UTIL DIST SYS RAILROAD | • |
| 100 | | LAND SURFACED AREAS | 1186 01 |
| 15. UTILITY CONNECT | IONS 21. REMARKS | The state of the s | USE Changed to |
| NUMBER SIZE | CAPACITY F/ | | USE Changed to beneral Instruction Building |
| a. WATER / | CAPACITY Ft. Mor | 7. | General Instruction |
| b. SEWER | Roof Area | 25.00 4 55 | |
| c. ELECTRICITY | 0 001 | 20.20 703 | Duilding |
| d, GAS | | ž. | \mathcal{A} . |
| e. STEAM | | | |
| f. CONDENSATE | | T. | |
| DA FORM 2877 # GPO: 1965 0-759-639 | REPLACES DA FORMS 5-46, 5-47, 5-49, 5-50, 5-51, AND 5-52, WHICH ARE OBSOLETE. | REAL PROPERTY RECORD | |
| | | | |
| CATEGORY CODE DESIGNATI | NC | FACILITY NO. | |
| B 171-20 GEN IN | ST BLDG | T-763 | |

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| 2. | | COST DATA | | |
|----------------|-------------------|-----------------------|---------------------------------------|---------------------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL |
| | 1942 | | | \$ 57/19 |
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| ATEGÓRY C | ODE DESIGNA | TION | | |
| 171-20 | GEN 1 | INST BLDG | FACILITY NO. | |

| . STATION | Contract of the second supplier of the second | | - Non | 2. DESI | GNATION | | 20,20 |
|--|---|------------|------------------------|------------|---------------------------------------|-------------|---|
| | FORTI | | UTH. N.S. | | | 1000 | 7.0 |
| DATE | | 4. DRAWING | | 5. COST | ACCOUNT CODE | | 6. BUILDING NO. |
| | 1950 | 6 | 79-1691 | | 3520 | | 7-763 |
| | DIMENSIONS | | S- MATE | RIALS | 9. | SPA | CE HEATING |
| | ·29-6"x | 70' | a. FOUNDATION CONC. | BLOCK | . а. | SOURCE | IN FIRED HOT |
| • OFFSETS | | | b. FLOORS CONCRE | TE & W | 000 6. | FUEL CI | |
| C- WINGS | 12 × 15-6 | 5 " | WALLS LONG. E | LOCK | 11. | | ER FACILITIES |
| d. BASEMENT | • | | d. ROOF ROLL ROOF | ING CN | Moco. a. | CAPACITY | |
| e. ADDITIONS | i | | 10. NO. OF USABLE FLO | ORS TINO | | TEMP. RIS | ENATHA |
| 2. FIRE PRO | TECTION FACIL | TIES | 13-UTILITY COMMECTIONS | | SIZE | | CAPACITY |
| | | _ | a. WATER | | | | |
| EXTIA | 16413HE | 25 | b. SEWER /Ce | 77 | (0) | | |
| 4. REMARKS | | | c. ELECTRIC | | | | · · · · · · · · · · · · · · · · · · · |
| Pose Hier | EM 2564 | 1/19 5.5 . | d. GAS | | | | |
| | | | e. STEAH | | | | |
| Company of the last of the las | · nonellativitation persis and equi- | | f. CONDENSATE: | | · · · · · · · · · · · · · · · · · · · | | |
| DATE COMPLETED | Voucher Number | | DESCRIPTION | | DESIGNET CAPACIT | | FLOOR AREA (Square Feet) |
| 1942 | | ORIGINAL | BUILDING Cast 5,7 | 11.00 | | | INT. 4028 |
| 19123 | WP 47-43 | 1 | R. CEILING 24 | ľ | | | EXT. 4/30 |
| 2411 17 | | | | | | | 10/25/50 20 |
| | | | REAL PROPERTY RECO | RD - BUILD | INGS | | 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |

L. Jan. Lendon Commission Co.

| DATE COMPLETED | Humber Aoncheu | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|---|--|---|----------------------|-----------------------------|
| 1953 | PE13(1953) 923-196 | PROTALS BROUGHT FORWARD FOOM PACILITIES #5,640- | | |
| <u> As</u> | | TORY @ 12/12/47 @ 2/17/99 1 | 3) z/10/50 APR | I 3 1951 |
| · | | | 12/2//53 /4 | |
| | | as per inventory | 76 1 198 1 | HK. |
| · | | AS PER INVEHENRY | JAN 11 1958 | IN |
| <u> 1900 - </u> | (2) (m. 12) | Alleration to Mychool | Fel Cost 3, 11. | Syn . |
| (5)gr 58 | JE 9+ (FIS) . Q 9:37-Dig | TUSTALLE CENERAL PLOPS & NEW WOOD Stacks ON LOCK LAND CB LHG | Pron No. 3871 | 557.69 |
| | | As Fer inventory | 26 FEB 1962 | |
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| Philips and processing the same processing a single | Ann graine harrows () the money amounts are selected and the selected and | | : | |

U. S. GOVERNMENT DRINTING OFFICE . 1947 O. PAGES

| DATE 7,2,42 COST ACCT. CODE NO. 610-38 POST FART MAN - OUTH, A DESIGNATION SCA. OOL | REAL PROPERTY F BUILDINGS AND STE | RUCTURES | Sp DST BUILDING NO AN NO | ec.A.E. 20 7763 1691 |
|--|--|--|--------------------------------|----------------------------|
| SIZE: MAIN BUILDING 29-6X70 HOW HEATED SIDELOS HEATED NO. FLOORS INCLUDING BASEMENT 7W0 | FIRE PROTECTION B | 2 12 X 15"6" BA | ASEMENT. | |
| MATERIALS: | | UTILITY CONNECT | IONS NUMBER | SIZE OR CAP. |
| FOUNDATIONS CONCRETE B | 10CK | WATER | ¥. | |
| WALLS CONSCIETE Blace | | SEWER | | |
| ROOF Rall Facting an | Mand | ELECTRIC | <u></u> | <u> </u> |
| (CO) | | GAS STEAM | | |
| | REMARKS | SIEAM | | |
| 300000 John John S. 5. 50 | | | , | |
| The second secon | <u> </u> | * | | |
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| ORIGINAL CONSTRUC | CTION AND CHANGES — ADDITI | ONS (IN BLACK) - DELETION | IS (IN RED) | |
| COMPLETED REFERENCE CAPACITY ABO | T. FLOOR AREA COST OVE BASEMENT OR VALUE | | REMARKS | |
| 42 4 | 130 EXT & 5711 | | RIGINAL BUILDING | |
| | 0 49/249. | - Ist fl ceiling | 401 | |
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| | 8 1115 | | | |
| | | er fil i note themes de compar anno anno entre anno es moneton y conservant un moneton moneton modificated fro | LS CARRIED FORWARD | |
| WAR DEPARTMENT O.C.E. FORM NO. 432 | SEPT. 15, 1942 7 763 | INCLUDES PR | OPERTY ORIGINALLY I | NSTALLED Z - Z . |

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k !.:

| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR ARE ABOVE BASEMEN | A COST | | ı | REMARKS | |
|------------------|---------------|----------------------|------------------------------------|--------------------|---------------------|-----------------------------------|---------------------------------------|-------------|
| | Plan | # 1719 | | | - | TOTALS BE | OUGHT FORWARD | |
| | <u>/ /an</u> | 2/// | _ | | | | | - And A |
| | | | | · | AS PER IN | VENTORY | 12/12/47 | pack! |
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| | | 1 505 | T DED | MAINTENANCE CC | | | , | |
| YEAR | TOTAL CC | ST SQ | T PER YEAR | TOTAL COST | COST PER SQ. FT. | YEAR- | TOTAL COST | COST PER |
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| FACILITY NO | | ESIGNATION | 3. CATEGO | - V 5005 | |
|-------------------------|-----------------------|---------------------|--|--------------------------------------|--|
| T- 764 | 50 2 | W. INST. | BLOG B-171 | | ESIGNED CAPACITY S. TOTAL AREA |
| . UNIT OF MEA | SURE | 7. DRAWIN | G NO. | 8. MAP NO. | |
| 0,/ | | 677. | - 169-1 | 1 | I - 1 9. LEASED FOWNED |
| | CONDITIONIN | G | 16. FIRE P | ROTECTION | LEASE NO. 18. TYPE OF CONSTRUCTION |
| a TYPE | | | a. NUMBER | T | |
| b. CARACITY | | | b. TYPE EXT | MYGNISHEK | 19. BUILDING DIMENSIONS |
| C. SQ YD AIR | COND | | | ERIALS | S. MAIN BLOG SP-6 X 70 |
| 1. | HEATING | | a. FOUNDATION | MONCRETE B | ZOCK b. OFFSETS |
| a. SOURCE | | HOT AIR | 6. FLOOR CON | P WOOD | |
| | 114 | | C. WALLS CON | | d. BASEMENT |
| | ATER FACILIT | ries | d. ROOF 19011 | ROFING OF | UND e. ATTIC |
| a. CAPACITY | | | 9. SURFACE | . Troop way Con | |
| b: TEMPERAT | | | f. BASE | | 20. TYPE OF CARD |
| 3. NO. USABLE | , | 14. OTH | ER MEASUREMENTS | · | UTIL DIST SYS RAILROAD |
| 5. | · · | Y CONNECTION | N.C. | | LAND SURFACED AREAS |
| | NUMBER | SIZE | | 21. REMARKS | |
| . WATER | 7 | 5122 | CAPACITY | 一 アカガ | Pon, N.J. |
| . SEWER | 7 | . 6" | | 1200 = 1 | MAKA ST.60 # SS |
| ELECTRICITY | 7 | | | | 11 2 3 3 3 5 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 |
| . GAS | | | | | |
| , STEAM | | · | | | • |
| . CONDENSATE | | | | | |
| FORM 2877 | ☆ GPO : 1965 O | −759-639 RE S •1 | PLACES DA FORMS 5 31. AND 5-52, WHICH | -46, 5-47, 5-49, 5- ARE OBSOLETE. | FO. REAL PROPERTY RECOI |
| | | | | | |
| ATEGORY COL B 171-20 | E | CEN THE | r BIDG | | FACILITY NO. T-76L |

1942

USE: School

1948 - E.M. School

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USE Changed to
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| 22. | | COST DATA | | |
|----------------|-------------------|--|-----------------------|-----------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL " COST |
| | 1942 | | | \$5.7112 |
| IR 47-43 | 1943 | 1st. CEILING | ¥ 249 co | |
| £ 13/1953 | 1950 | ADDITIONAL CLASSROOM FACILITIES POINT. | 2 | |
| 24 EX | | 5744 - 14 SHEETS | *3640 = | |
| | 1948 | LITERATIONS FOR EM SCHOOL EST. CUST. | \$3,786 | |
| ([4] E128) | 12 201: 22 | INSTALLED CONCRETE PIERS & NEW WOOD STAIRS | | - |
| 2937- Do | | ON EACH END OF BLOG PLAN NA. 3877 | * 557.69 | <u> </u> |
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| ATEGORY C | | DESIGNATION CEN INST BLDG | FACILITY NO. T-764 | |

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| | | COMPANIES AND ADMITTAL TO A MANAGEMENT | - Rev | è | WE EL | - | |
|-----------------|--------------------------------|--|--|--------|---------------|------------|-------------------------------------|
| 1. STATION | | rnnou | TH, N.o. | | SIGNATION | | |
| 3. DATE | 950 | 4. DRAWING | NO. 7-169-1 | 5 - CO | ST ACCOUNT CO | HOOL DE | 6. BUILDING NO. |
| 3 | DIMENSIONS 06.2946"X | | a. FOUNDATION CONCRE | 7E [| BLOCK | 9. SOURCE | 7-764 SPACE HEATING SPACE HEATING |
| d. BASEMEN | | 6" | c. WALLS CONC. S. d. ROOF POLL ROOFIN 10. NO. OF USASI F. FLOOP | 100 | 200 | 0. FUEL | OLL MATER FACILITIES |
| 12. FIRE PI | POTECTION FACIL | | 10. HO. OF USABLE FLOORS 19-UTILITY CONNECTIONS . WAYER | NO. | WOOD 51 | b. TEMP. F | A Property 2 1/9: |
| 18- REMARKS | <u>(GUISHER)</u> PEN 25 GO/ | _ | b. SEWER Re- | 7 | 6" | | |
| DATE | | | d. GAS e. STEAM f. CONDENSATE | | | | |
| COMPLETED | Voucher Number | | DESCRIPTION | | DES I CAP/ | GNED | FLOOR AREA (Square Feet) |
| 1942 | | ORIGINAL | BUILDING COST 5711 | -00 | | | INT. 4028 |
| 1943 Agn # 1 | MP 47-43 | | | .00 | · | | EXT. 4/30 |
| | | N 4/7/9 | # ZZ REAL PROPERTY RECORD - | BUILI | DINGS | | 10/25/52/49 |
| WD AGO FORM | 5-47 | | 7-32-704 | | | | |

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| DATE COMPLETED | Voucher Rumber | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|-----------------------|---|----------------------|-----------------------------|
| 1553 | PE 13(1253) 923-66 | TOTALS BROUGHT FORWARD COM FACILITY PLAN STYY, 148HEETS \$5,640 | 125 | |
| 45 | | TORE (12/12/47 (2/17/49 | | R 1 3 1951 |
| · | | | 10/21/53 140 | |
| | | | | HR. |
| | , | AS PER THIRDRY | JAN 11 1958 | 7 |
| \$1.19 | 25 800 (50.0) | Alberton or han skind | Sul Coul 2786 | AND COMPANY |
| Stept so | 2737-Dg | Enstruced Concrete Press Enter | PLAN N/r. 3877 | 557.69 |
| | · | As Fer Inventory | 2 6 FEB 1962 %. | |
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| ATE 7/2/43 DIST ACCT. CODE NO. 6/0-38 DIST FORT MON MOUTH ESIGNATION SCHOOL | BUILDIN | PROPERTY REC IGS AND STRUC | TURES POST BU | UIDING NO. | 7-764 1651 |
|--|-------------------|-------------------------------|----------------------------|-------------|---------------|
| ZE: MAIN BUILDING $27-6X.70$ DW HEATED $5pa22 M-at=$ O. FLOORS INCLUDING BASEMENT TW | ✓ FIRE | PPOTECTION セムベ | 12X/56" BASEMEN | IT* | |
| ATERIALS: | 9 ; , . | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. |
| FOUNDATIONS Canorete L | Plock | • | WATER | | |
| FLOOR Concrete & NV WALLS Concrete Blo | 0.0.d | •-• | SEWER | | |
| ROOF Poll 1700fing | CK 146 | ! | ELECTRIC | 1 | |
| 100F | OFL VYOOG | | GAS | | |
| | | | STEAM | | |
| 77 | <u> </u> | REMARKS | | | |
| Prophy from John | <u>A 5.5.</u> | | | | |
| | | | | | |
| OPIGINAL CONS | TRUCTION AND CUI | | | | |
| DATE DECLOSIES | | | (IN BLACK) - DELETIONS (IN | RED) | |
| DEFENDING TO TO | Q. FT. FLOOR AREA | COST OR VALUE | RE/ | AARKS . | 4 4 |
| 42 | 4130 Ext. | · / | - OPIGINA | L BUILDING | - |
| 943 NR 47-43 | 3868 /47 | \$ 249- | F | L BUILDING | |
| | 186 EXT | 1 4 7 /- | 1st. fl. ceiling | | |
| | | | i/ | | |
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| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | | LOOR AREA BASEMENT | COST OR VALUE | | | REMARKS | |
|-------------------|--------------|----------------------|---------------|-----------------------|------------------|---|--------------------|--|---------------------------------------|
| | Plan | #1714 | 72 | | | | TOTALS B | ROUGHT FORWARD | |
| | | | - | | | \$\$ DEC | VVENTORY | 190 a late | - 1 - A |
| | | | | | · | - FER II | AAEWIOS. | 11/2/4/ | - HEER |
| · | | | - | | | 40 PX8 7 | ver engin | 0/-/- | <u> </u> |
| | | | ; | **** | | - N. S. S. S. S. S. S. S. S. S. S. S. S. S. | 4 (121) 1 × 424 (| 2/17/49 | <i>H</i> Y |
| | | <u> </u> | i | | | CR. Co. ASS. Secretar | FREERING VILL | | |
| | | <u> </u> | | | · | | AND COMMENTS | 2/10/50 | 240 |
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| | | | | | MAINTENANCE CO | STS | | | |
| YEAR | TOTAL CO | ST COST SQ. | PER FT. | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
| | | | | | | | | · · · · · · · · · · · · · · · · · · · | 74, |
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| FACILITY NO. | | DESIGNATION | 3. CATEGOR | Y CODE 4. DESIG | NED CAPACITY 5. TOTAL AREA | · · |
| T-767 | C | EN INST | BLOG BITI-1 | 20 ,,,, | 1 in a the | |
| UNIT OF MEAS | URE | 7. DRAWII | NG NO. | 8. MAP NO. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| SF | | 1697 | -169,1 | | K-21 LEASED WHED | |
| O. AIR C | ONDITION | | 1 | OTECTION | LEASE NO. | |
| a. TYPE | | | a. NUMBER | OTECTION | 18. TYPE OF CONSTRUCTION | 1942-5ch |
| b. CAPACITY | | | | NG-UISHERS | 19. BUILDING DIMENSIONS | _[|
| C. 5Q YD AIR C | OND | | 4 44 | ERIALS | | |
| 1. | HEATING | | | OHC. BLOCK | 8. MAIN BLOG 29.6" X 70 | |
| a, SOURCE | eren Ha | - A10 | b. FLOOR CON | | b. OFFSETS | 1948 - 8.0 |
| b. FUEL # | 7 i L | C 1 18 | | | c. WINGS /2' X /5' 6" | 1,,,, |
| . HOT WA | TER FACIL | ITIES | d. ROOFROLL R | | d. BASEMENT | _1 |
| a, CAPACITY | | | e. SURFACE | DOFING ON WOOD | | <u> </u> |
| b. TEMPERATU | RE RISE | | I. BASE | | 20. TYPE OF CARD | · . |
| 3. NO. USABLE | FLOORS | 14. OTH | TER MEASUREMENTS | | BLDG MISC STR | |
| T w | 1 13 | | | | UTIL DIST SYS RAILROAD | |
| 5. | | TY CONNECTION | NS. | 121 | LAND SURFACED AREAS | |
| | NUMBER | SIZE | CAPACITY | - ZI REMARKS | RT MONMOUTH, N. J. | Hssome. |
| . WATER | 1 | | CAPACITY | - ROOFARE | A 25.60# NO CANOPY | |
| , SEWER | · / | | | | The post of 1700 CANAGE | 1.50 |
| . ELECTRICITY | / | | | | in the second second second second second second second second second second second second second second second | USE Changes General |
| . GAS | <u></u> | | | | | 60 - 0 - |
| STEAM | | | | | | orneral. |
| . CONDENSATE | | | | - | | Due |
| FORM 2877 | ∳ GPO : 1965 | | EPLACES DA FORMS | •46. 5•47. N-49 = =0 | | Building |
| NOV 64 | | 5 | -51, AND 8-52, WHICH | ARE OBSOLETE. | REAL PROPERTY RECOR | · . |
| | | | | · · · · · · · · · · · · · · · · · · · | | -1 |
| CATEGORY COD | E | DESIGNATIO | N | | FACILITY NO. | 4 |
| B -1 71-20 | | GEN INS | T BLDG | | | ŀ |
| | | | | | T-767 | |
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| Valley | | COST DATA | | |
|----------------------------------|---------------|--|--|-------------|
| VOUCHER NO. | COMPLETED | DESCRIPTION OF CHANGE | COST OF | TOTAL |
| 10945 35 | 1942 | | CHANGE | COST |
| √Р ^Ф 47-43 FM. 229 | | 187 FLOOR CEILING | 4 | \$5711.00 |
| 13 13 | 1943 | L W I R I N G | \$ 249,00 | |
| \$ 2-3-Di | 1953 | ADDITIONAL CLASS POEM FACILITIES | 95.66 | |
| _ | 1948 | PLANS 57++ 14SHFETS ALTERATIONS FOR EM SCHOOL | \$ 5,640,00 | |
| 1E94 | | INSTALLED CAREDON | \$ 4,302.00 | |
| 937-19 | SEPT 15, 1958 | ENSTALLED CONCRETE PLEAS & NEW WOOD STAIRS ON ENDS OF BLOG PLANT 3877 | 1 1 3 13 | |
| | | 3877 | \$ 557.68 | |
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| TEGORY CO | DE | DESIGNATION | | |
| -171-20 | ł | GEN INST BLDG | FACILITY NO. | |
| | | | T-767 | |

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| DATE 4. DRAW | 210 Note | | IGNATION SCHOOL | 70 |
|--|-------------------------|---------|----------------------|-----------------------------|
| NOV 1950 | ing nó. 697-169.1 | 1 - | T ACCOUNT CODE | 6. BUILDING NO. |
| DIHENSI ONS | 8- MATERI | | 9. | SPACE HEATING |
| MAIN BLOG. 29-6" X 70' | a. FOUNDATION CON CH | ETE F | Brack B. SOURC | E 200 20 1107 41 |
| OFFSETS | P. FLOORS CONC. | Worn | b. FUEL | OIL |
| WINGS 12/x 15-6" | c. WALLS CONC. E | PLACK | 11. HOT | WATER FACILITIES |
| BASEM ENT | d. ROOF POLL POOF | elli ad | Mana a. CAPAC | TY / |
| ADDITIONS | 10. HO. OF USABLE FLOOR | S TIME | b. TEMP. | RISE// / M |
| FIRE PROTECTION FACILITIES | 19-UTILITY CONNECTIONS | NO. | . SIZE | CAPACITY |
| | a. WATER | | | |
| EXTINGUISHERS | b. SEWER | | 6 | |
| REHARKS 25.60 DOF ARCH 25.77/5 5.5. | C. ELECTRIC | | | |
| OOF MREA 2547/5 55. | d. GAS | | | |
| CANORY | G. STEAM | | | |
| | f. CONDENSATE | | | |
| DATE VOUCHER MUNBER | DESCRIPTION | | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
| ORIGIN | AL BUILDING (55/ 57/ | 1.00 | | AUT BATO |
| 1 '32" | Fla. Cenns 24. | | | INT. 4028 |
| 43 FM ZZ 3 WIPH | _ | -66 | | EXT. 4/30 |
| | REAL PROPERTY RECORD | | INGS | 10/20/02/11. |

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| DATE COMPLETED | Youcher Number | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|-------------------|--|----------------------|-----------------------------|
| Zeni 1 | 714 M.M. | TOTALS BROUGHT FORWARD | | |
| | | NTORYO12/12/47 @ 2/17/19 (3 | 2/10/50 APR 15 | 1951 |
| | | | 12/2/53 10 | |
| | | AS PER INVENTION | 100 | M. |
| | 19.00 / Co / Co | AS PER INVENTORY | JAN 11 1958 | Mr |
| 1453 | 723-86 | MODITIONAL CLASS HOOM FACILITIES PLANS 5744, 14 SH | EETS \$5,640 | _ |
| | | Alterday for PM Selant | 51/2/11/2/10 | |
| Stepts: | 2937-09 | Unstacted Concrete Provs & Rows to dood Steers on each end of Blog | Phon 11. 3877 | 9557.68 |
| | | As Per Inventory | 2 6 FEB 1962 | |
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| ate 7/2/43 ost acct. code no. 6/0 ost <i>Fart Mon x</i> esignation Sch oo | outh.N | BUILDING | ROPERTY RECOR S AND STRUCTU | RES: | üilding no. 7 | -767 ¹ |
|--|-----------------|---------------|--------------------------------|--|---------------|---------------------------------------|
| IZE: MAIN BUILDING 29-6. OW HEATED Space H IO, FLOORS INCLUDING BASEMEN | eaters | FIRÈ PR | OTECTION FACILIT | 12 X 156" BASEME ES _ TYPE £ X LING U | nt | |
| NATERIALS: FOUNDATIONS CONCE FLOOR CARCELE WALLS CARCELE ROOF 19a11 19a21 | & Wood Block | | (28.17/a No CANO | SEWEK | NUMBER / | SIZE OR CAP. |
| | | | REMARKS | | | : |
| ORIG | INAL CONSTRUCT | ION AND CHANG | ES ADDITIONS (| N BLACK) DELETIONS (II | (RED) | |
| | APACITY ABOV | FLOOR AREA | COST OR VALUE | R | EMARKS | ŧ |
| 1943 NR 47-43 | 4/3 | E TAT # | 5,7/1.00 E | st the certains | AL BUILDING | |
| | 186 | EXT | 95.66 | Wiring Wiring | | · · · · · · · · · · · · · · · · · · · |
| | | | | | RRIED FORWARD | |

| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. F ABOVE | LOOR AREA BASEMENT | COST OR VALUE | | R | EMARKS | |
|---|---------------|---------------------------------------|--------------------|-------------------------|---|---|--|---------------|-------------------|
| | Plan | # 1719 | m | 77. | | _ | TOTALS BR | OUGHT FORWARD | |
| | | | | | | AS PER IN | | | Grost 1 |
| | | | | | | — | The same of the sa | 10094 | francis . |
| | | | | | | AS PER IN | | 2/17/49 | 94/5 |
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| | | | | | MAINTENANCE CO | STS | | | |
| YEAR | TOTAL CO | | T PER | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
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| · · · · · · · · · · · · · · · · · · · | | | | | | | | | |
| | | <u> </u> | | - 1 - 1 | Land Comment | | | | |
| | | 1 | 1 | 1 1 1 1 1 1 1 1 1 1 1 1 | 1562/32.23.23.23.23.23.23.23.23.23.23.23.23.2 | | in the first of the sales of th | Home Various | |

| 1. FACILITY NO. 2. DESIGNA | | 5 4 5 | ED CAPACITY S. TOTAL AREA | |
|--------------------------------------|---|----------------|---|------------------------------------|
| 7768 GEN.Z. 6. UNIT OF MEASURE 7. DE | 15T. BLDG B171-2 LAWING NO. 8. 17-169-1 | MAP NO. | 028 # EXT. 4130 # -2 □ LEASED BOWNED | 1942 - School. |
| 10. AIR CONDITIONING | 16. FIRE PROTE | | LEASE NO. | |
| a. TYPE | a. NUMBER | ECTION | 18. TYPE OF CONSTRUCTION | |
| b. CAPACITY | b. TYPE EXT IN | 2 michigae | PERM SEMI-PERM TEMP | 1948 - E.m. School. |
| c. SQ YD AIR COND | 17. MATERIA | | TOTAL COMMENTATIONS | , , , |
| 11. HEATING | | | a. MAIN BLDG 29'6" X 70' | |
| a. SOURCE FORCED HOT BIR | a, FOUNDATION COAL | RETE DLUCE | | • |
| b. FUEL () 1 1 | | | c. WINGS 12 X 15 6" | |
| 12. HOT WATER FACILITIES | C. WALLS CONC. | BLOCK | d. BASEMENT | |
| a. CAPACITY | d. ROOF POLL ROOF, | ing on Wood | | |
| b, TEMPERATURE RISE | 6. SORFACE | | 20, TYPE OF CARD | 1017 |
| | OTHER MEASUREMENTS | | BLDG MISC STR | Assume. 1967 |
| TWO | · | | UTIL DIST SYS RAILROAD | <i>'</i> |
| 15. UTILITY CONN | - Tarious | | LAND SURFACED AREAS | USE Changed to |
| | CTIONS | 21. REMARKS | et MONMOUTH, N. J. | , |
| a, WATER | ZE CAPACITY | Para | EA 25,60 No CANOPY | USE Changed to beneral Instruction |
| | 11 | NOOF AR | EA LJ.60 NO CANOPY | - 57.52.72 |
| c. ELECTRICITY / | · | | · /3.1 | Building |
| d. GAS | | | | Bulliana. |
| e, STEAM | · | | | 7 , |
| f. CONDENSATE | | | | A |
| DA FORM 2877 | REPLACES DA FORMS 5-46 | 5 47 5 40 F 50 | | |
| 1 NOV 64 | 5-51, AND 5-82, WHICH ARE | OBSOLETE. | REAL PROPERTY RECORD | |
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| 70 7 700 60 | INST BLDG | | FACILITY NO. | |
| g = 1 | and the state of | | T-768 | Heat. Forced Hot A |

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| 22. | | COST DATA | ······································ | |
|---------------------------------------|-------------------|--|--|---------------|
| VOUCHER No. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF | TOTAL COST |
| • | 1942 | | | |
| WF4763 | 1943 | IST FLOOR CEILING | 1 - 10 - 10 | \$ 5711,0 |
| FM, 229 | 79 £3 | WIRING | \$ 2.49,00 | |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | VO 1 10 170 C | \$ 95.66 | |
| 37.2.7.6 | 1953 | ADDITIONAL CLASS ROOM FACILITIES | · | |
| | . , , | | <i>u</i> | |
| | 1948 | U SEUS O I TT. I D SHERIX | \$ 5, 640,00 | |
| E 94 | -7-7-5 | ALTERATIONS FOR EM. ScHool EST COST | 8/2, 786,00 | |
| 1987.00 | | INSTALLED CONCRETE PIERS & NEW WOOD STAIRS ON EACHENDOPBLOCK #387 | 7 | |
| (* * O. / 15/4 | | WEED STAIRS ON ENEHEAD OPBOOCH 387 | \$ 557,68 | |
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| ATEGORY C | ODE | DESIGNATION | | |
| 3-171-20 | | | FACILITY NO. | |
| , ~· | | GEN INST BLDG | T-768 | |

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| ا. STATION محتری | r 11de | Al BABILT | H . N.S. | | 2. DES | SI GNATION | CHOOL | 70 |
|---|------------------|--------------|---------------|-----------------|----------|--|---------|-----------------------------|
| 3. DATE | | 4. DRAWING | NO. | | I - | ST ACCOUNT C | | 6- BUILDING NO. |
| 100 1950 | MSIONS | | 7-169- | -/ | <u> </u> | <u> 3520 </u> | · | T-768 |
| | | | 8. | HATER! | | | 9. | SPACE HEATING |
| O OFFSETS | 3-10 K | 10. | a. FOUNDATION | CONCE | ETE | BLOCK | a. SOUR | SPACE HEATER |
| | · sand | 7.77 | b. FLOORS | MC. F | VCOD | | b. FUEL | 6iL |
| d. BASEMENT | 100 1105 6 | | | 5NC. 151 | BER | | 11. HO | WATER FACILITIES |
| . ADDITIONS | | | d. ROOF POL | 2 KOOF | WO O | N WOOD | a. CAPA | CITY |
| er shall a sharehorn and these marking mind a | | | 10. HO. OF US | SAULE FLOOR | S TU | VO | b. TEMP | RISE / A LA |
| 2. FIRE PROTECT | IOW FACIL | ITIES | 13-UTILITY CO | MHECTIONS | NO. | . 51 | ZΕ | CAPACITY |
| ويرام والمستوات والأخوا | م د سمالان مساوه | | B. WATER | ·2 7 | 1 | | ··· | |
| EXTINGUI | | | b. SEWER | Re | 1/_ | 10" | | |
| 4. REMARKS 2 Poop ANEN 2 | 5.60/ | ~ 5 | C. ELECTRI | c · | | | | |
| COOP ANEW & | 2110 | 3.5 . | d. GAS | | <u> </u> | | | |
| No CANOPY | | • | O. STEAM | | <u> </u> | | | |
| | | 7 | F. CONDENS | ATE | <u></u> | | | |
| | oucher Iunber | | DESCRIPTI | OM . | | | ACITY | FLOOR AREA (Square Feet) |
| 1942 | | ORIGINAL | BUILDING | 57 5711 | 1.00 | | | INT. 4028 |
| 1943 NP | 47-43 | 12 FLR. | | 249 | | | | FXT. 4/30 |
| | . 229 | | • | 95 | -66 | | | Infaction un |
| | | | REAL PROPER | | | 2.00.00 | | 10/23/32/75/ |

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| DATE COMPLETED | AONCHEU MAMBEU | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|---------------------------------------|---|----------------------|-----------------------------|
| 1953 | 923-DG | TOTALS BROUGHT FORWARD FACILITIES PLANS STUY, 14 SHE | ETS \$5,640 | |
| | | 1 TORY (12/12/47 @ 2/17/4 | | R 1 3 1951 |
| | | | 12/2/63 148 | v . |
| | | AS FER HAVENTURY | 1 | HR |
| | | AS RER INVENTION | JAN 11 1956 | |
| 190 | acales a | Alarahos b. M. School | Est Cost \$ 2.786. | |
| 5 kor's | 1937-0g | LISTALLEN CONNETT PERS 1 New Wood Steins ON THE EN 1 BKg | PLAN No. 3877 | \$557.68 |
| | | As Per Inventory | 26 FEB 1962 | |
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U. S. GOVERNMENT PRINTING OFFICE , 1947 O - 706279

| OST <i>Eaxt</i> | Mon Scho | mout | II, N.J. | NGS AND STRUCT | POST BL | JILDING NO 0. 6 97 - | T-768 | |
|--|-------------|----------------------|---------------------------------------|--------------------|--|---------------------------------------|--------------|--|
| OW HEATED | | e Flea | FIRE | PROTECTION FACILIT | 12 X156" BASEMENTIES TYPE Exting of PACITY GALLONS Non | المعاطعات | | |
| ATERIALS: | | | | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. | |
| FOUNDATIONS Concrete Block | | | | | WATER | | | |
| FLOOR Concrete & Wood (28.17/0) WALLS CONCRETE Block | | | | | SEWER | | | |
| WALLS | DRCK | T. C. 25.1 | OCK | | ELECTRIC | / | - | |
| ROOF | 9.7117.0.9 | 7. i.m.q | on Wood | NO CAN | GAS STEAM | | | |
| | | | | 771 | ST EAM | - | | |
| | | | · · · · · · · · · · · · · · · · · · · | REMARKS | | | | |
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| | | | | | | 2 | | |
| | | ORIGINAL CO | STRUCTION AND CHA | ANGES - ADDITIONS | (IN BLACK) - DELETIONS (IN | RED) | | |
| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | RE | REMARKS | | |
| 42 | · | | 4/30 EXT | \$ 5.711.00 | CRIGINA | AL BUILDING " | ٠, . | |
| 1943 | WR#47-43 | | | \$ 5,711.00 | 1st. fl. ceiling | | | |
| 43 | FMZZG | 300 | 186 EXT. | 95.66 | Wiring | | | |
| | - | | 178 INT. | | · · · · · · · · · · · · · · · · · · · | | | |
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| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | | REMARKS | |
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| | | | | | TOTALS | BROUGHT FORWARD | |
| | | | | | AS PER INVENTOR | | feel |
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| | | | 3 | MAINTENANCE COS | STS | | |
| YEAR | TOTAL COS | | T PER YEAR | TOTAL COST | COST PER YEAR | TOTAL COST | COST PER |
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| 1-16 | 7 CF | EN INST. | BLOG R171- | 2 U | INT. | 40284 | EXT. 4130 # | | |
| 6. UNIT OF MEA | SURE | 7. DRAWING | | B. MAP NO |). | 9. | | | |
| _S.E | | 1697 | -169-1 | | K-1 | ,\ | LEASED Z OWNED | | |
| 10. AIR | CONDITIONING | | 16. FIRE PRO | TECTION | | | ONSTRUCTION | | |
| a. TYPE | | | a. NUMBER | | · · · · · · · · · · · · · · · · · · · | PERM | | | |
| b. CAPACITY | | | b. TYPE EXTING | -UISHIF | 29 | | LDING DIMENSIONS | | |
| C. SQ YD AIR | COND | | 17. MATE | | | | | | |
| 11. | HEATING | | a. FOUNDATION OF | w D. A | n &- | | 62916" X 70' | | |
| a. SOURCE Fo | RLED HOT A | 1R | b. FLOOR CONC & | ~. 13 LO | | | | | |
| | <i>i L</i> | | c. WALLS CONC | DIAGO | ~ | | 2'X15'6" | | |
| | ATER FACILITI | ES | d. ROOFF | 136061 | LOCK d. BASEMENT | | | | |
| a. CAPACITY | | | d. ROOKOLL ROSFING ON WOOD | | | e. ATTIC | | | |
| b. TEMPERAT | URE RISE | | f. BASE | | | 20. TYPE OF | - | | |
| 13. NO. USABLE | FLOORS | 14. OTH | R MEASUREMENTS | | | BLOG | MISC STR | | |
| TW | 10 | 1 | | | | UTIL DIS | T SYS RAILROAD | | |
| 15. | | CONNECTION | 10 | | | LAND | SURFACED AREAS | | |
| | NUMBER | SIZE | | - 21. REM | ARKS | : M. | MOUTH N.J. | | |
| a. WATER | -5 | 3122 | CAPACITY | ٦, | / OR | 7 / 104 | Moonly Terus | | |
| b. SEWER | | 7 11 | | Roop | AREA | 25604 | HO CANOPY IN | | |
| c. ELECTRICITY | /, | | | | | 201601 | THE CHILDER IN | | |
| d. GAS | / | | | 4 | | | | | |
| e. STEAM | | | | 4 | | | | | |
| f. CONDENSATE | | | | 4 | | | | | |
| | | | | | | | | | |
| DA FORM 2877 | ¢ GPO : 1965 0 | 759-639 RE 5 - 1 | PLACES DA FORMS 8- 51, AND 5-52, WHICH A | 46, 5-47, 5 RE OBSOL | -49, 5-50. ETE. | | REAL PROPERTY RECOR | | |
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| B-171-20 | DE C | CEN INS | r BLDG | | | | -769 | | |

1942 - School.

1948 - E.m. School.

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| 22. | | COST DATA | | |
|------------------------|-------------------|--------------------------------------|-------------------|-------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| | 1442 | | | \$ 5711,00 |
| 48-47-43 | 1943 | IST FLOOR CEILING | \$ 249.00 | # 17 / / /// |
| DE 13 | | ADDITIONAL CLASS ROOM FACILITIES | 79 | |
| 923-86 | 1953 | PLANS 5744. 14 SHEETS | \$ 5,640,60 | |
| W | 19 48 | ALTERATIONS FOR EM SCHOOL ESTEN | 7. 786.00 | |
| DE 94 | | INSTALLED CONCRETE PLEAS & NEW | | |
| <u>1937-d9</u> | 15 SEPTS8 | WOODSTAIRS ON ENDS OF BLAG RANT 3577 | \$ 557.68 | |
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| CATEGORY C B=171-20 | ODE | DESIGNATION CEN INST BLDG | FACILITY NO. | |

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|--|--|----------|-------------------------|---------------------------------------|--|---|--|--|--|
| 1. STATION | ERT ME | | H. N.S. | 2. DES | SIGNATION | 11001 | 70 | | |
| | Nev 1950 697-169-1 | | | | 5. COST ACCOUNT CODE 6. BUILDING NO. 7-769 | | | | |
| ··· | IMENSIONS | | 8. MATERI | | | 9. | SPACE HEATING | | |
| | 29-6"X | 70' | a. FOUNDATION CONC. | GLOCK | - | a. SOURC | ESPAINT VICES | | |
| OFFSETS | | | b. FLOORS | | | b. FUEL | OIL | | |
| | 21x 1546 | gi st | A 1914 1 4 5 41 | OCK | | £1. HOT | UID | | |
| BASEMENT | | | d. ROOF ROLL ROOP | | u Mana | a. CAPAC | ry // Ango | | |
| . ADDITIONS | | | 10. HO. OF USABLE FLOOR | | WD | b. TEMP. | RISE / | | |
| 2. FIRE PROTECTION FACILITIES | | | 13-UTILITY CONNECTIONS | NO. | | ZE | · CAPACITY | | |
| | | | B. WATER | | | | | | |
| EXTIM | GUISHER | <u>"</u> | b. SEWER PC | $\perp 7$ | (a " | | | | |
| REMARKS | 25.60 N 23.17 /6 | 1 | c. ELECTRIC | | | | | | |
| | | 75·5· | d. GAS | 1 | | | | | |
| 6 GANGAY | - | | 6. STEAM | | | | | | |
| | | | f. CONDENSATE | | | | | | |
| DATE COMPLETED | VOUCHER NUMBER | | DESCRIPTION | · · · · · · · · · · · · · · · · · · · | | SIGNED PACITY | FLOOR AREA (Square Feet) | | |
| 1942 | | ORIGINAL | BUILDING COST 571 | 1.00 | | ₂ :1 | INT 4028 | | |
| 1943 N | 1847-43 | 157 Fla. | CELLIAIS 24. | 9.00 | | • | EXT. 4/30 | | |
| PLAN # 17 | 14 KK | ELECTR | ic | | | | 10/21/60 40 | | |
| elitar-point reporter out for a well-passed to the | PARTIE BY AND THE WAY TO THE THE THE THE THE THE THE THE THE THE | | REAL PROPERTY RECORD | - BUIL | DINGS | | The state of the s | | |
| D AGO FORM | 5-47 | | T- 769 | | | | <i>F</i> - 3 | | |

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| DATE COMPLETED | Youcher Humber | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|---------------------------------|--|----------------------|---------------------------------------|
| 1953 | PE 13 (1553) 923-156 | PODDITICALAL CLASS ACCIA TOTALS BROUGHT FORWARD FACILITIES PLAINS STAY 145 | MEETS \$5640 | |
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| | | | 12/21/23 400 | • |
| | | as per inventory | DEC 28 1954 | HR |
| | | as par inwintory | JAN 11 1956 | |
| 1942 | | Attention for Em Sedon | El. Col 2, 186 | , |
| 15 10/138 | 18:94(F1(8) <u>-</u> 2937-Dg | INSTALLED GENERATE PIERS & New Wood STEIRS ON Each The DELY | Plan Nr. 3877 | \$557.68 |
| | / | As Fer Inventory 2 | 6 FEB 1962 | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 O - 706279

| DATE 7/2/43 COST ACCT. CODE NO. 6.1 POST FOXT MOX DESIGNATION SCA | 10-38 | BUILDII | L PROPERTY RECOR NGS AND STRUCTU | RES | UILDING NO. Z | -169 169-1 |
|--|--|-------------------------------------|-------------------------------------|---------------------------------------|-----------------|---------------|
| SIZE: MAIN BUILDING 29. HOW HEATED SPACE NO. FLOORS INCLUDING BAS | ce rica | TEXS FIRE | PROTECTION FACILITIE | ES - TYPE Extin au | ichorc | |
| MATERIALS: | + a / | , , | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. |
| FOUNDATIONS CONC FLOOR CONCREZ | 7 8 16/- | 10ck | (28.17/ | WATER | | |
| ~ ~ | | 1 | | SEWER | | |
| WALLS CORCE Z ROOF 17011 170 | | in Mand | " NO CANO | ELECTRIC | | |
| ROOF J.J.EL.A.J | 9.1.1.1.1.1.9C | J.L. V. V. O. O. O. | | | | |
| | | | | STEAM | | |
| | | | REMARKS | | | |
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| | ORIGINAL CONS | TRUCTION AND CHA | NGES - ADDITIONS (II) | N BLACK) - DELETIONS (IN | l' RED) | |
| DATE COMPLETED REFERENCE | | Q. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | | EMARKS . | |
| 112 | | 4130 EXT . | \$ 5711.00 Es | + A ORIGIN | AL BUILDING | |
| 1943 NR 47-43 | | <u> </u> | 8249- | 1st fl. ceiling | | |
| | 9dd | 186 ExT. | | / | | |
| | 11 | 178 INT | | | | |
| | <u> </u> | | | TOTALS CA | RRIED FORWARD | |
| WAR DEPARTMENT - O.C.E. I | ORM NO. 432 | SEPT. 15, 1942 | 7769 | *INCLUDES PROPERT | Y ORIGINALLY II | NSTALLED K-L/ |

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| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | | | RI | EMARKS | • |
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| | Planz | 1714 | XX elec | Taic | | TOTALS BRO | DUGHT FORWARD | |
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| | | | | MAINTENANCE COS | rs | | | * |
| YEAR | TOTAL CO | ST COS | T PER YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
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| FACILITY NO | GA | W, INST. | 310G B-17/-2 | CODE 4. DESIGN | HED CAPACITY | EXT. 430 | A | | |
| 6. UNIT OF MEA | SURE | 7. DRAWII | IG NO | 8. MAP NO | | | . 8 | | |
| 5.K | | | -169-1 | 1 | - 20 | LEASED 7 | OWNED | * 1942 | |
| <u></u> | CONDITIONIN | G | 16. FIRE PR | OTECTION | | CONSTRUCTION | | 1. 1 1 1 0 | |
| a, TYPE | | | a, NUMBER | | PERM | SEMI-PERM | -1 | | Assum: School |
| b. CAPACITY | | · | b. TYPE EXTI | VGUISHERS | | ILDING DIMENSI | 7 TEMP | | |
| C. SQ YD AIR | COND | | 4 | RIALS | | | | 194 \$ | - E.m. School |
| 11. | HEATING | | . s. FOUNDATION | ONC RIOCK | b. OFFSETS | os 29'-6"x | 70' | 7 17 8 | c.m. school |
| a. SOURCE | FURCED N | OT MIR | | . \$ WOOD | | | | | |
| b. FUEL () | 16 | | C. WALLS CONC | | | 9,1217,7 | | <i>a</i> . | |
| 12. HOT W | ATER FACILI | ries . | | OF ME ON WEED | d. BASEMEN | IT | | 1350m | e 1967 |
| a, CAPACITY | | | e. SURFACE | out my ou wood | e, ATTIC | | | • | |
| b: TEMPERAT | | | f. BASE | | 20. TYPE OF | CARD | | 458 | Chancel to |
| 13. NO. USABLE | | 14. OTH | ER MEASUREMENTS | | BLDG | MISC STR | | | J_ |
| エフ ク | VO | ļ | | | UTIL DI | | ILROAD | /2000 10 | Changed to ral Instruction |
| 15. | UTILIT | Y CONNECTIO | NS | 144 | LAND | SURFACED | AREAS | 0012 | instruction |
| | NUMBER | SIZE | CAPACITY | 21. REMARKS | 11 - | • | , 4 | | Building |
| a. WATER | , | | CAPACITY | | , N.J | | - A I | ڼ | Dullding |
| b. SEWER | 7 | <u> </u> | | - ROOFING AN | PEA 25.60 | \$ 55 No Cano | 04 | | * - |
| C. ELECTRICITY | 7 | | | | • | .,,- | ′♥ | | |
| d. GAS | | | | - | | | | | |
| e. STEAM | T | | | - | | | 50 | | 2 1 |
| f. CONDENSATE | | | | - | | | ĺ | | (') |
| DA FORM 2877 | ☆ GPO : 1965 O | | EPLACES DA FORMS 5- 51, AND 5-32, WHICH A | 46, 5-47, 5-49, 5-50, RE OBSOLETE. | | REAL PROPER | TY RECORD | | |
| | | | | ······································ | | (AR 7. | 35-27) | | |
| CATEGORY CO | DE | DESIGNATION | 1 | | | | | 11 | |
| B-171-20 | | | r BLDG | | | -771 | | Hat | 616 |
| | | | | | | | 1 | HOT | GIL Forced HAR |

* 1942 Form #432 +

1945 Form # 5-47 Could not be Located.

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| 22. | · · · · · · · · · · · · · · · · · · · | COST DATA | | |
|---------------------------------------|---------------------------------------|--|-------------------|---------------------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL |
| | 1942 | | | \$5.7115 |
| 11-47-43 | 1943 | 1 St. Floor. Ceiling | \$ 249.50 | 10,111- |
| (£-13/1953) | 1353 | ADDITIONAL CLASS ROOMS FACILITIES PLAN 5744 | 277. | |
| 933-04 | | 14 SMEERS | \$ 5.640 1 | |
| | 1848 | ALTONOMO TO BUILDING | 4 | |
| | 1775 | ALTERATIONS TO EM SCHOOL EST, COST. | "2,786°= | |
| P.E. 94 FY 51 | 15 541.58 | INSTALLED CONE PIERS & NEW WOOD STAIDS | - | |
| 1937-Dg | | INSTALLED CONC. PIERS & HEW WOOD STAIRS ON EACH END OF BLOG PLAN MR. 3877 | \$ 557.68 | |
| | | | 337,00 | |
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| CATEGORY C B -171-20 | | GEN INST BLDG | FACILITY NO. | · · · · · · · · · · · · · · · · · · · |
| | | GEN THOT DITHE | T-771 | |

| 1. FACILITY NO. 2. DESIGNATION | 3. CATECODY | | | |
|------------------------------------|---|------------------------|-------------------------------------|--|
| 7-790 GEN. INST. | R. RITI | 20 | D CAPACITY 5. TOTAL AREA | |
| 6. UNIT OF MEASURE 7 DEANIL | Drog 12111- | FO INT.40 | 28中 EXT.4130 中 | |
| | | B. MAP NO. | 0) 9 | |
| 10. AIR CONDITIONING | 7-1691 | _ K-1 | LEASED OWNED | |
| 6. TYPE | 16. FIRE PRO | TECTION | LEASE NO. 18. TYPE OF CONSTRUCTION | |
| b. CAPACITY | a. NUMBER . | [| | |
| c. 5Q YD AIR COND | b. TYPE EXT IN | JEUISHERS | TEMP | |
| | MATE | RIALS | BOTEDING DIMENSIONS | |
| TEATING | B. FOUNDATION COM | | | |
| A. SOURCE JADIU, PLANT | b. FLOOR CONCRE | TERVINA | b. OFFSETS | |
| S. FUEL DIL-HOT AIR | C. WALLS CANE. | RI WOOD | c. WINGS 12 X 15'6" | |
| 2. HOT WATER FACILITIES | d. ROOF POLL POLL | Pail Brazille and make | | |
| A. CAPACITY | e. SURFACE | | | |
| b. TEMPERATURE RISE | f. BASE | | O. TYPE OF CARD | |
| 3. NO. USABLE FLOORS 14. OTH | ER MEASUREMENTS | | BLDG MISC STR | |
| TWO | | | UTIL DIST SYS RAILROAD | |
| 5. UTILITY CONNECTION | VS . | | LAND DELIBERATION | |
| NUMBER SIZE | CAPACITY | 21. REMARKS FORT | MON MOUTH | |
| . WATER | CAPACITY | ROOFAREA | 25104 | |
| b. SEWER | | 1 1000 | F0,607 | |
| ELECTRICITY | · | ļ | · | |
| i. GAS | | } | | |
| . STEAM | | | | |
| CONDENSATE | | | | |
| FORM 2877 + GPO: 1965 0-759-639 RE | | , | | |
| | PLACES DA FORMS 5-46 1, AND 5-52, WHICH AR | 5, 5-47, 5-49, 5-50, | REAL PROPERTY | |
| | | - JUSULETE, | REAL PROPERTY RECORD | |
| ATEGORY CODE DESIGNATION | | | | |
| 3-171-20 GEN INST | Pt na | | FACILITY NO. | |
| ~ TIA TIANT | بالبلات | | T-790 | |

1942

USE - School.

1948 - E.m. School

BSSUME - 1967

USE Changed to

General Instruction

Building

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Heat . - oil Forced Hot Aire

| 22. | | COST DATA | | · |
|----------------|-------------------|--|----------------|---------------------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF | TOTAL |
| | 1972 | | CHANGE | COST |
| E,13(1953 | | additional classroom facilities | | \$5711.0 |
| 123-06 | 1953) | Plan 5744, 148 lets | H = | |
| · | 1948 | alterations Eng. F. M. S. J. | \$5,640,00 | |
| E (F158) | 94 | Installed concrete and the | \$2,786,00 | |
| <u> 937-D9</u> | 155 en + 581 | The same the | 1/ === 16 | |
| <u> </u> | , , | stairs on each and of Belgela #3877 | \$ 557,68 | |
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| ATEGORY CO | DDE | DESIGNATION | | |
| -171-20 | İ | GEN INST BLDG | FACILITY NO. | |
| | | | T - 790 | |

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| | | | and freelight | | | | | |
|-------------|---------------------------|---|------------------------|------------------------|---------------------|----------------|-----------------------------|--|
| 1. STATIO | FORT M | DIV NI DO | VTH, N.J. | 2. DE | SIGNATION T.O. S | CHOOL | | |
| 700 | 7.76 | T. DRAWING | 10. 17-169-1 | 5. COS | ST ACCOUNT (| ODE | 6. BUILDING NO. | |
| a. HAIN BI | DIMENSIONS LOG. 29-6"X | 70' | a. FOUNDATION CONC. | IALS MAGAIN | 9. SPACE HEATING | | | |
| c. WINGS | .12/1/56 | 6" | CINCLET | ETE & MOOD b. FUEL SIL | | | | |
| d. BASEMER | | | Id. once | into on | Wood | 4. CAPAC | I My Street A. | |
| | ROTECTION FACIL | | 13-UTILITY CONNECTIONS | RS TI | | b. TEMP. | CAPACITY | |
| 14- REMARK | <i>NGUNHER</i> \$ | | b. SEWER RE | 7 | 6' | <u>·</u> | | |
| Roap An | TEW 25-60 | 1 55. | d. GAS | - | | <u> </u> | | |
| DATE | VOUCHER | | f- CONDENSATE | | | | - | |
| COMPLETED | HUMBER | | DESCRIPTION | | | IGNED ACITY | FLOOR AREA (Square Feet) | |
| 1942 | | ORIGINAL | BUILDING COST 5,71 | / | | ,- | INT. 4028 | |
| PAN " | 871 / | | | | | | EXT. 4130 | |
| A | T PER IN | ENTOR | 240 12/12/17 6 | 2/17 | (49 3) | 2/10/50 | 10/25/5-2 | |
| WD AGO FORM | 6 8 117 | A 100 C 100 | REAL PROPERTY RECORD | - BUILD | IHGS | | L 3 1951 | |
| 1 NOV 1945 | , , ,,, | | 7=790 | | | | 1-19 | |

| DATE COMPLETED. | Voucher Number | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Squere Feet) |
|--|-------------------|---|----------------------|-----------------------------|
| 1553 | 923-26 | PUDITION AL CLIPS FICOM TOTALS BROUGHT FORWARD FACILITIES PLAN 5744.14 SA | EETS \$5,640- | |
| - | | Dr. Park Jack Consult | |) |
| | | as PER INVENTORY | DEC 28 1954 | HR. |
| | | SS PER THURSDAY | JAN 11 1956 | M |
| 1 1 | | Alterstion for MI School essent | Island 2,786. | 1 14,461 |
| 15 km 55 | 2937-09 | lows Stours antoch End of Blog | 6 FEB 1962 \ | 155768 |
| | | · | 2 6 FEB 1302 | <u> </u> |
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| Control of the Contro | | | | |

U. S. GOVERNMENT PRINTERS

| ST FOX | t Mon Scho | mout | h,N.S. | NGS AND STRUCT | | UILDING NO 10. 697- | T-790 |
|---|---------------|-------------|--------------------------------------|--|--|------------------------|-------------|
| W MEATED | | 195.11 | eqiers FIRE | PROTECTION FACILLY | OXIZ BASEME FIES TYPE EXTINGU PACITY GALLONS NON | NT= | 1 |
| ATERIALS: | 0. | + | . B | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP |
| | | | Nood | | WATER | | |
| WALLS O | 20000 | to BI | yood Ack | *** | SEWER | | |
| WALLS Concrete Block ROOF Poll Roofing on Wood | | | | | ELECTRIC | 1 | |
| KOO7 | × | | | •••• | GAS | | |
| | | | | | STEAM | | <u> </u> |
| El. I. | | | | REMARKS | | | |
| 7036194 | | - 20.4 | 5.5. | | | | ***** |
| | | | | | | 7 - 4 - 1 - 1 | |
| | | ORIGINAL CO | NSTRUCTION AND CHA | NGES - ADDITIONS (| IN BLACK) - DELETIONS (IN | RED) | |
| DATE | REFERENCE | DESIGNED | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | RE | MARKS | |
| 42 | | | 3868 INT | \$ 5,711.00 E | CRIGIN. | AL BUILDING | |
| | | BDD. | EXT. 120 | | | | |
| | | 41 | INT. 1121 | | | | |
| | | | | Control of the Contro | A CONTRACTOR OF THE PARTY OF TH | | |

| MARKS | R | | OR VALUE | BASEMENT | ABOVE | CAPACITY | REFERENCE | DATE OMPLETED |
|----------------|----------------------------|--|--|-----------------|------------------|---|-----------|------------------|
| UGHT FORWARD | TOTALS BRO | | | | | | | |
| 12/2/47 And/1 | FNTORY | AS PER IN | | | | | | |
| Just frech | m111 (281) | 2200 7 0001 1911 | | | | | | |
| 2/17/49 - \$49 | /ENTORY | AS PER IN | | | | | | |
| - July 1 | ALL LACTOR WITH WASHINGTON | - Marine Street for stand of surest | | | | | | |
| 2/10/00 HI | VVENTO | AS PER I | | | | | | |
| 1.0100 171 | | | | | _ | | | - |
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| | A SERVICE OF | | W | | | | | |
| | | THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME | AAINTENANCE COS | ٨ | of a contract of | | | |
| TOTAL COST PER | YEAR | COST PER SQ. FT. | TOTAL COST | YEAR | T PER | T COST | TOTAL COS | YEAR |
| | | | | And the second | | | | |
| | 42.14.11. | | And the state of | | | | | |
| | visue-3 4 | | State of the state | | | | | |
| | | | Canal Comment | Cont. Submitted | | | <u> </u> | |

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|--|-----------------------------------|------------------------|---------|-------------------------|------------------|---------------------|------------------|-----------|-----------|-------------|---------------|---|
| 1. FACILITY NO. | | SIGNATION | - { | CATEGOR' | Y CODE | 4. DESIGNE | | | 5. TOTA | | | 9 |
| T-1111 | Gen | Storeh | | 44270 | | Int. 4 | ₁ 046 | s.f. | Ext. | 413 | Os.f. | |
| 6. UNIT OF MEAS | URE | 7. DRAWING | | | 8. MAP NO | • | | 9. | LEAS | ED X | OWNED | |
| S.F. | | 697- | 169 | | <u> </u> | 0- | -25 | LEA | SE NO. | | | |
| 10. AIR C | CONDITIONING | | 16. | FIRE PR | OTECTION | | 18. TY | PEOFC | ONSTRUC | TION | | |
| a, TYPE | | | a. NUN | ABER 1-C | 02.1 | 5&:A | Ç ₽E | RM | SEMI-F | ERM | № ТЕМР | |
| b. CAPACITY | b. capacity b. type Extin | | | | | iers | 19. | ยบ | ILDING D | MENSIO | NS | 7 |
| c. SQ YD AIR C | . SQ YD AIR COND 17. MATERI | | | | ERIALS | | а. м. | AIN BLE | G 291 | 611x7 | 01 | |
| 11. | HEATING]/ | 6 н.Р. | a. FOL | NDATION C | onc. b | Locks | b, 0 | FFSETS | | | | 1 |
| a. SOURCE 📜 | | ent . | | or conc | | | | 121x14 | 1611 | | | |
| | b. FUEL Oil-Hot Air c. WALLS | | | | | | | | 1 | | | |
| 12. HOT WA | 12. HOT WATER FACILITIES | | | | d. ROOF shingles | | | e. ATTIC | | | 1 | |
| a, CAPACITY | | e, SUR | | onc. b | lock | 20. TY | PEOF | CARD | | | | |
| b. TEMPERATI | | f. BAS | | | |] x□ : | BLDG | MIS | STR | | | |
| 13. NO. USABLE | FLOORS | 14. OTH | ER MEAS | UREMENTS | | |] 🗀 ' | JTIL DI | ST SYS | □ R4 | AILROAD | |
| TW | 0 | 1 | · | | | | | LAND | SUR | FACED | AREAS | |
| 15. | UTILITY | CONNECTIO | NS · | | 21. REN | IARKS | | | | | D | |
| | NUMBER | SIZE | | CAPACITY | | | Monmouth Area | | | r. | 4 | |
| a. WATER | 1 | 1 } 16 | | | | | MOIN | iou or | HIEd | | | |
| b. SEWER | 1 | 611 5 | San | | | Roof Area 25.50 sq. | | | ž. | | | |
| c. ELECTRICITY | 1 | - | | 5-250v | | OOT WIE | ea A | - > - > 0 | 50. | | | |
| d. GAS | | • | | | | | | ا در | | | | |
| e, STEAM | | | | | | | £ | | | | 55 m . A . | |
| f. CONDENSATE | | | | | | | | 506 | 180 · 6 | or 1 | Demo. | |
| DA FORM 2877 | ¥ GPO: 1965 O- | | | DA FORMS 5-52, WHICH | | | | N-4 | REAL | ROPE (AR | RTY RECOI | Ď |
| | and a state that designment | | | | | | · | | | | | ٦ |
| CATEGORY COL | | DESIGNÁTIO | | | | | | FAC | ILITY NO. | | | 1 |
| 4427 | 0 | | GEN | STORE | IOU SE | | | T- | -1111 | | • | ł |

| 2, | | COST DATA | | |
|--------------------------|-----------------|---|-------------------|---------------|
| voucher No. | COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| | 1948 | NR 47-43-1943-15+flr. ceiling 24%. Alterations for school | 7) \$4.327.00 | 5,711.00 |
| 94(F) 5 37-D9 | 8)9/15/5 | stains on on the prens & new wood | | |
| | 11/1/68 3/68 | Pello Fluorescent lights | 557.68 | |
| | 1968-9 | Hour Fixtures + plumbing for hetwater her | LFCY'S | 10,300.001 |
| | | A.C.Jones Assoc Real Property Sur | vey ' | 10,300,00 |
| | | | | |
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| TEGORY CO | DE | DESIGNATION | | |
| 4427 | | GEN STOREHOUSE | T-1111 | |

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| 1. FACILITY NO. 2. DESIGNAT | ON 3. CATEGORY CODE | and the same of th | |
|---|--|--|--|
| 6. UNIT OF MEASURE | | 4. DESIGNED CAPACITY B. TOTAL AREA | |
| 3.F. | AWING NO. | INT. 21046 # EAT, 43/6 # | |
| 10. AIR CONDITIONING | / / 0 / | O-75 9. LEASED WOWNED | 1942- |
| a. TYPE b. CAPACITY | 16. FIRE PROTECTION d. NUMBER | LEASE NO | 50/1 |
| G. SQ YD AIR COND | b. TYPE | 18. TYPE OF CONSTRUCTION | USE-SChool |
| 11. HEATING | b. TYPE EXTINGUISHERS | 19. BUILDING ON | |
| S. SOURCE A T | B. FOUNDATION CONCRETE B/OC | a. MAIN BLOG 29'6" X 70' | · . |
| B. FUEL Oil Hot Air | | RS b. OFFSETS | |
| 12. HOT WATER FACILITIES | CUACIER DINGL | Noiled Ro | Ascum |
| a. CAPACITY | 15011 1100 1110 | LINOS BASEMENT | 5" 1350m2 - 196 (|
| b: TEMPERATURE RISE 3. NO. USABLE FLOORS | G. SURFACE | 771116 | USE 2/ |
| TWO 14.0 | THER MEASUREMENTS | 20. TYPE OF CARD | - Changed to |
| | | UTU DISC STR | Assume - 1967 USE Changed to beneral Instruction |
| NUMBER NUMBER | ONS 21. REMARK | | Building. |
| . WATER | CAPACITY | S S SURFACED AREAS | Building |
| SEWER / 6"SOM | Rass | Mon, seq 25.50 \$ | |
| ELECTRICITY 6 500 | " A | (6d 32.20 \$ | i di |
| STEAM | | • | |
| CONDENSATE | | | |
| FORM 2877 | | | CA |
| | EPLACES DA FORMS 5-46, 5-47, 5-49, 5- 51, AND 5-32, WHICH ARE OBSOLETE. | | |
| TEGORY CODE DEGLE | ARE OBSOLETE. | REAL PROPERTY DECO- | j |
| 171 20 | V | REAL PROPERTY RECORD |) |
| GEN INS | BIDG | FACILITY NO. | 1 - |
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| 22. | | COST DATA | | ······································ |
|-------------------------------------|-------------|---|-------------------|--|
| VOUCHER NO. | COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL |
| les. 17/4 M | 1942 | Alterations for school | # 4,327,00 | \$5711.00 |
| <u>E, 94(F P\$F)</u> A 931 - Dq. | 15 Sopt. 58 | Installed Concrete Piers & New wood stews | \$ 557.68 | |
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| E-171-20 | ODE | DESIGNATION GEN INST BID G | FACILITY NO. | |

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| 1. STATION | 'A - | | | SIGNATION | mary parts. Joseph J. St. St. St. St. St. St. St. St. St. St | |
|----------------------------------|------------|---|------------|----------------------|--|--|
| FOFT MON 3. DATE | 4. DRAWING | NO. | | CHOOL | | |
| JAN 1951 | 697- | | | ST ACCOUNT CO 520 | DE | 6. BUILDING NO. |
| 7. DIMENSIONS | | 8. MATERIA | | | 9. 5 | ACE HEATING |
| 8. MAIN BLDG. 29-6x76 | 9 | a. FOUNDATION CONCE | | ~ | | CENTERL HO |
| b. OFFSETS | | b. FLOORS CANCERT | = / = / | SLOCK- | | the state of the s |
| C. WINGS BOILER EM 12 | ¥ 15-6 | C. WALLS CONCRE | 1- Hot air | | | |
| d. BASEMENT | <u> </u> | d. ROOF | ZE is | LOCK | a. CAPACITY | TER FACILITIES |
| e. ADDITIONS | | 10. NO. OF USABLE FLOORS TO B. TEMP. RISE | | | | The second |
| 12. FIRE PROTECTION FACIL | ITIES | 13-UTILITY CONNECTIONS | NO. | SI | 1 | III A Comme |
| | | 2. WATER | | 317 | | CAPACITY |
| EXTINGUISH | E123 | b. SEWER 1 6" 5AN | | | / | |
| LE. PEMARKS | | C. ELECTRIC | 1 | . 9.07.7.7.8 | | |
| Eoof ABEA AS. Soja S | 5.5 | d. GAS | | | | |
| , | | e. STEAM | | | | |
| | | f. CONDENSATE | | | | <u> </u> |
| DATE VOUCHER COMPLETED NUMBER | | DESCRIPTION | | | GNED CITY | FLOOR AREA (Square Feet) |
| 942 PLAN 17 M | ORIGINAL | BUILDING COST 57/ | <u> </u> | | | 3868 INT. 4130 Ext |
| DEC. 1989 EXTER | ر بھر جرن | 4760 + 24900 15 | 7 F(0 | | ADD | 186 ENT. |
| AS FERINUE | | | | | | 191951 |
| | | REAL PROPERTY RECORD . | HILLI | D(NGS | 74. 1 | 1/// |

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| DATE COMPLETED | Voucher Humber | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|-----------------------|---|--------------------|-----------------------------|
| 1948 | | TOTALS BROUGHT FORWARD Lord | Est Cost \$4, 327. | |
| | | De la companya della companya della companya de la companya della | 10/20/53 HR | 1 |
| | · | | | M. a |
| | | The Deep Leadership A | JAN 1 0 1956 | JAN . |
| 15 Sept 58 | 1294 (TYS) 2937-DG | Installed Concrete Props of Naco issed Stairs coneach end of Blog | Plan Nr. 3877 | \$557.68 |
| , | | As Per Inventory | 2 7 FEB 1962 | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 O. 7082

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| | | | | | | POST BUILDING NO. 7-1111 T.O PLAN NO. 697-169 | | | |
|-------------------|--------------|----------------------|--------------------------------------|---------------------|---------------------------------------|--|---------------------------------|--|--|
| ZE: MAIN BUI | LDING 29'-4 | " x 70'- Heater | o" wings Bo | PROTECTION FACILITY | 12×156 BASEMENT ES — TYPE Extingui | shers | | | |
| O. FLOORS IN | CLUDING BASE | MENT. ZZ | Y0 | HOT WATER CAP | ACITY GALLONS None | | ******************************* | | |
| ATERIALS: | <i>A</i> | | | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. | | |
| | | | lock | WATER | | | | | |
| | | | Wood | SEWER | | | | | |
| WALLS | Laner | = T= 51 | ec K | ······ | ELECTRIC | | | | |
| ROOF | ECH A | TOOKING | as Wood | | GAŞ | | _ | | |
| | | · · · · · · | | | STEAM , | - | _ | | |
| | | | | REMARKS | | | | | |
| 17/3/2 | 19 4 1 | نه <u>- عد جس</u> | 75.50 /3 | 5.5 | | | | | |
| | | | · | · | | 5. | | | |
| | | ORIGINAL CO | NSTRUCTION AND CHA | NGES - ADDITIONS (I | N-BLACK) - DELETIONS, (IN) | | | | |
| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | .REN | ARK\$ | | | |
| 1942 | | | 4130 Ext. 3868 Int. | #5,711.00 | ORIGINA | L BUILDING | | | |
| | | | 2 | 749 | 1st floor ceili | n q | | | |
| | | ADD | 186 EXT | | | 0 | | | |
| | | ir | 178 /NT | | | | | | |
| | 1 | | W. = 10 TH | | *OTA16 610 | RIED FORWARD | | | |

| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLO ABOVE: BA | OR AREA | COST OR VALUE | [, | R | EMARKS | ·. |
|------------------|--------------|-------------------|--------------------------|---------|--------------------|--|---------------------------------------|---------------------------------------|-------------|
| | Planz | 1714 | 4 | | | | TOTALS BR | OUGHT FORWARD | |
| e 1945 | Fry | erior. | Painte | 6 | | AS PER IN | VENTON | 10/16/41 | Hazh |
| | , , | | | | | | | | 1 |
| | | | | | | AS PEZ IM | PENTORY | 2/18/49 | XAD |
| | | | | | | Sea of the sea | , | /// | 11. |
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| | | | n n | | MAINTENANCE COS | | | | |
| YEAR | TOTAL CO | | T PER | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
| | | | | | | | | | |
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| I. FACILITY NO. | 2. 0 | ESIGNATION | 3. CATEGORY | CODE 4. DE | SIGNED CAPACITY S. TOTAL AREA | |
|---------------------------|-------------|-------------|-----------------|---------------------------------------|-------------------------------|--|
| T-1112 | Ce | n Inst E | 777 777 00 | | | |
| . UNIT OF MEAS | URE | 7. DRAWIN | | B. MAP NO. | 5. 3868 s.f. Feb. 4130 s.f. | |
| S.F. | ı | 697- | 169-1 | | 0-25 LEASED MONED | |
| io. AIR | CONDITIONIN | | | TECTION | 18. TYPE OF CONSTRUCTION | |
| a, TYPE | | | a. NUMBER | -602 | X PERM SEMI-PERM TEMP | |
| b. CAPACITY | | | b. TYPE Exting | | 19. BUILDING DIMENSIONS | |
| C. SQ YD AIR COND | | | 17. MATE | | 6. MAIN BLDG 29 6 1 70 1 | |
| 11. HEATING TO H.P. | | | a. FOUNDATION C | onc. bloc | | |
| a. SOURCE central heating | | | b. FLOOR CONC | · & Wood- | | |
| b. FUEL Oil-Hot Air | | | c. WALLS CONC. | | c. WINGS Boiler Rm. 12 x15 | |
| 12. HOT WATER FACILITIES | | | | ROOF Asp. shingles e. ATTIC | | |
| a. CAPACITY | | | e, SURFACE GON | e. block | 20, TYPE OF CARD | |
| b: TEMPERATURE RISE | | | f. BASE COIL | 3 | BLDG MISC STR | |
| 13. NO. USABLE | FLOORS | 14. OTH | ER MEASUREMENTS | · · · · · · · · · · · · · · · · · · · | UTIL DIST SYS RAILROAD | |
| TWO | | | | | LAND SURFACED AREAS | |
| 15. | UTILIT | Y CONNECTIO | NS | 21. REMARKS | | |
| • | NUMBER | SIZE | CAPACITY | ٦ | 30 | |
| a. WATER | 111 | | | 7 . | Monmouth Area | |
| b. SEWER | 11 | 611 | Sam- | Spec. | A.E. 20 | |
| c. ELECTRICITY | 1 | | 125-250 | _ roor . | Area 25.50 sq. | |
| d. GAS | | | | | | |
| e, STEAM | | | | | | |
| 1. CONDENSATE | | | | | | |

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| | | COST DATA | COST OF | TOTAL |
|-------------|----------|---|------------|---------------------------------------|
| | | THANGE | CHANGE | COST |
| 2. | ATE | DESCRIPTION OF CHANGE | - | 5.711.00 |
| VOUCHER CON | PLETED | | 227 00 | |
| | 142 | 2 | \$4,327.00 | |
| 7 77 1 20 | 01.8 | Alteration for school | | |
| lan 1714 | 249 | | | |
| Y | 15/58 | Installed conc. piers & new wood | | |
| E94 2/ | 12/20 | Installed conc. plers & hldg. | 150 (3 | |
| Y98(2937D | 91 | | \$ 557.68 | |
| | | | | |
| | | Cat. Changed to 171-20 As per Inve | ntory | |
| | 12 1/17 | Cot Changed to 171-20 As Del Asia | | \$9,000.00IF |
| 32C&D8 8 | 28/6/ | Cat. Changed to 1/12 3 93-4 Fluorescent lights | | \$9,000,000 |
| | 11/1/6 | 3 93-4-1-1-1-1 | | |
| | 3/68 | | Survey | |
| | | A.C.Jones Assoc Real Property | OGA VS | |
| | 968-9 | A.C. Jones Added | | |
| | | | | |
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| | <u></u> | | FACILITY ! | , , , , , , , , , , , , , , , , , , , |
| | <u> </u> | DESIGNATION GEN INST. BLDG. CARD 20 | 12 T-11 | 12 |

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| T-1112 | | GEN, INST B | | | 3868 S. F. 4130 S. F. | | |
|----------------|---------------------|-----------------------|---|--|--------------------------------|--|--|
| S. F. | SURE | 7. DRAWIN 697 - | 169 - 1 | 8. MAP NO. | 9. LI SASED A CHILL | | |
| 10. AIR | CONDITION | NG | 16. FIRE P | ROTECTION | 18. TYPE OF CONSTRUCTION | | |
| a, TYPE | | | a, NUMBER 7 | - CO ₀ | T (35) | | |
| b. CAPACITY | | | b. TYPE | - 102 | 19. BUILDING DIMENSIONS | | |
| C. SQ YD AIR | COND | | 17. MAT | ERIALS | DOILDING DIMENSIONS | | |
| 11. | HEATING | • | a. FOUNDATION | | a. MAIN BLDG 291-611 x 701-011 | | |
| a. SOURCE | ENNIK PLA | INT | b. FLOOR | Concrete Block | b. OFFSETS | | |
| b. FUEL | | Air) | C. WALLS | Concrete/Wood | c. WINGS 121-011 x 151-011 | | |
| 12. HOT W | ATER FACIL | | | Concrete Block | d. BASEMENT | | |
| a. CAPACITY | | | e. SURFACE | ngle on Wood | e, ATTIC | | |
| b. TEMPERAT | URE RISE | | f. BASE | | 20. TYPE OF CARD | | |
| 13. NO. USABLE | | 14, OTH | ER MEASUREMENTS | | BLDG MISC STR | | |
| , |) | | | | UTIL DIST SYS RAILROAD | | |
| 15. | 117111 | TY CONNECTIO | 110 | | LAND SURFACED AREAS | | |
| | NUMBER | | | 21. REMARKS | | | |
| a, WATER | TOMBER | SIZE | CAPACITY | | | | |
| b. SEWER | | <u> </u> | | Roofing Ar | rea 25.50 Sq. | | |
| c. ELECTRICITY | | 611 | | | | | |
| d. GAS | | 120/208 3 | Ø 225A | | | | |
| | | | | | Osmiljuso | | |
| f. CONDENSATE | | | | | 11/10001/100 | | |
| | | | | | The Mi | | |
| A FORM 2877 | ☆ GPO : 1965 | 50—759-639 R E 5 - | EPLACES DA FORMS 51, AND 5-52, WHICH | 5-46, 5-47, 5-49, 5-50, ARE OBSOLETE. | REAL PROPERTY RECOR | | |
| | · , | | | | | | |
| ATEGORY | 5 | GEN INST | DI ÎVA | Card 1 of 2 | FACILITY NO. | | |

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| PHY. | SICAL CONDITION | OF B | UILDIN | IG ELE | MENTS A VY |
|----------------------------------|---------------------------|----------|----------|--------|----------------------|
| element | DESCRIPTION | | ONDITION | | REMARKS |
| roofing | Comp. SHINGIE | | ارا | | 2 |
| floor Covering | VAT | | V | • | |
| Paint Interior | WALLS & CEILING | | | 1 | · |
| PAINT EXTERIOR | WALLS & TRIM | , | | / | |
| STRUCTURE | CONC BLK BRG WALLS | | | | EST FL CAP 40ASF |
| air Con d itioning | MAKE AND MODEL | | | | |
| HEATING | MAKE AND MODEL U.S. A!RCo | | V | | Stuh RATING |
| ELECTRICITY | 12%208 3 \$ 225 | . | | | Start y g |
| PLUMBING | à la c | | | | ZWC ILAV IUR IMOONER |
| installed Equipment | | -^ | | | 1-AV 1011 V 7000 EIG |

| FACILITY NO. | A | DESIGNATION | REC. | 3. CATEGORY B- 61090 | | Int- | | TOTAL AREA | PO # |
|----------------|---------------------------------------|----------------------|----------|------------------------------------|-------------------------|---------------------|-----------------|--------------|-------------|
| S.F. | | 697 | - 169 | 9-1 | 8. MAP NO | o. | 0-25 1. LEASE | LEASED D | OWNED |
| 10. AIR | CONDITION | NG | 16. | FIRE PRO | TECTION | | 18. TYPE OF CON | STRUCTION | . / |
| a, TYPE | | | a, NU | | | | PERM | SEMI-PERM | TEMP |
| b. CAPACITY | | | b. TY | PE EXTII | 15 N/S. | HERS | 19. BUILD | ING DIMENSIC | NS |
| C. SQ YD AIR C | CNO | | 17. | MATER | RIALS | | A. MAIN BLOG | 29-6"1 | 70 |
| 11. | HEATING | | 8, FO | UNDATION // | ONC, B | TOCK | b. OFFSETS | | |
| a. SOURCE | ENTRAL | ATC | b. FL | OOR MANC, | & WOU | D | C. WINGS BOIL | FR RAM T | L' X/5'し |
| b. FUEL (), | 1 NOT | AIR | c, WA | LLS COM | 13/00 | K | d. BASEMENT | <u> </u> | 7170 |
| 12. HOT W | TER FACIL | ITIES | d, RO | OF ROLL 1 | COFINE | OH WOOD | e. ATTIC | | |
| a. CAPACITY | · · · · · · · · · · · · · · · · · · · | | e, SUF | RFACE | | | 20. TYPE OF CAR | D | |
| b: TEMPERAT | | | I, BAS | BE | | | BLOG F | NISC STR | |
| 13. NO. USABLE | FLOORS | 14. OTF | IER MEAS | UREMENTS | | | UTIL DIST S | - | AILROAD |
| 15. | UTILI | TY CONNECTIO | NS | | 21. RE | AARKS | - CAND | J SURFACED | AREAS |
| | NUMBER | SIZE | | CAPACITY | | | 1/2 | | J. |
| a. WATER | / | | | | | | 1. N.J. | | 3/ / |
| b. SEWER | / | 6" San. | | | T 577 | C. A.E | 10 | | |
| c. ELECTRICITY | 1 | | | | 1700 | FARE | 4. 25.50 \$ | .00 | |
| d. GAS | | | | | 7 ′′ | , ,,,,,, | 7. QU.JU # | ~ ~ | |
| e. STEAM | | | | | 7 | | | | |
| f. CONDENSATE | | | | | 7 | | | | • |
| A FORM 2877 | ⇔ GPO : 196 | 5 0 — 759-639 F 8 | EPLACES | 5 DA FORMS 5 - 5 - 52 , WHICH A | 46, 5-47, 1 RE OBSOL | 6-49, 5-50, ETE. | . RI | EAL PROPEI | RTY RECOF |
| | ···· | | | | | | | | |
| CATEGORY CO | DE | DESIGNATIO | N | _{ORDS} Gener | . — | | FACILIT | IY NO. | |

1942 USE - School

26 Aug 1967

USE - Changed To

General Instruction

Building.

CA.

Heat - oil - Hot Ave.

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8 1 .

| 22. | | COST DATA | | |
|----------------|--|--|-------------------|--|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL 5, COST |
| | 1942 | | | \$ 5.7119 |
| 5/82/ 199 111 | 0.114 | And the first of the second | 11 000 | -//- |
| PIN 17/4 | 1948 | Alteration for SCHOOL | 14,33,13 | |
| P.E. 94 | 15 Stot. 58 | | · | |
| 498/293709 | | Installed Concrete Piers & New WOOD STAIRS | · | |
| 1 | | ON EACH END OF Blog. Plan. No. 3877 | \$ 557.68 | |
| 220408 | 28 Av 67 | Cat Changed to 17 8-20 Asper Inentry | | |
| | 20000 | Cisi Charges 10 17 20 ms per locating | | |
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| CATEGORY C | | DESIGNATION C 17 4 1. 811 | FACILITY NO. | · · · · · · · · · · · · · · · · · · · |
| B 61090 | 171-20 | ADJ GEN REGORDS General Instruction Blog | T - 1112 | |

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| L. STATION | Super Color | 2. DESIGN | IATION ady & | en Records |
|--|----------------------------|---|--|-----------------------------|
| FORT MONM | OUTH IVU | 56 | 4002/ | |
| - DATE 4. (| PRAWING NO. 597-169-1 | 5. COST A | ACCOUNT CODE | 6. BUILDING NO. |
| DIMENSIONS | 0. HATERIA | is . | 19. | SPACE HEATING |
| a. MAIN BLOG. Zy-Cx 70 | a. FOUNDATION CONCE | | a. SOURC | CENTRAL ME |
| OFFSETS | b. FLOORS | 478 ALC | b. FUEL | CONTORE MO |
| C. WINGS BOILER R. / RY | b. FLOORS CONCRET | E E WOO | 32 | OLC- Holdin |
| d. BASEMENT | d 200 = | 560C/E | | WATER FACILITIES |
| 9. ADDITIONS | ESLL ROOF | س دره ی له | CAPAC | () |
| | 10. HO. OF USABLE FLOOR | TWO | b. TEMP. | RISE // |
| 2. FIRE PROTECTION FACILITIES | | ио. | SIZE | CAPACITY |
| La sa a como de la com | 8. WATER | / | ··· , ····· y- · · · · · · · · · · · · · · · | |
| EXTINGUISHER | 5 b. SEWER Ce | 1 6 | "JAN. | |
| B. REMARKS | C. ELECTRIC | | | |
| OOF AREA 25.60/0 S. | d. GAS | <u> </u> | | |
| | e: STEAM | | | |
| | f- CONDENSATE | | | |
| DATE VOUCHER COMPLETED NUMBER | DESCRIPTION | | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
| 0.81 | GINAL PULLATING | | | 4-130 EXT. |
| 922 081 | IGINAL BUILDING DST 5711 + | 249 157 | - FLOSE (F/L) UK | 38681117 |
| 1 | | j. | | 186 545 |
| 943 NR 47-43 | DEC 1949 EXTERIOR DA | 110760 | AD2 | 178/11 |
| 1 | ENTORY DIZ/16 | | 2/18/12 6 | |
| | REAL PROPERTY RECORD | - BILLIDIN | 66 | -17-00 |

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| DATE COMPLETED | Voucher Number | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|---------------------------------|--|----------------------|-----------------------------|
| 1948 | PLAN#1214 | TOTALS BROUGHT FORWARD FER SCHOOL | El Corl \$ 4,327 | |
| | : | as per inventory | 12/22/53 34 | |
| | - | | | \$ |
| | | AS PER INVENTORY | WAN 10 1956 | UG/I |
| 5 kp 58 | 1294 (9458). <u>2937–D</u> 9 | Testalled Concrete Piors & New Wood Steins on each and B Bky | Plan Nr. 3877 | \$557.68 |
| | | As Fer inventory | 2 7 FEB 1962 | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 O - 706279

| OST ACCT. CODE NO. 6/0-38 | REAL PROPERTY RECORD | D RES | Spec. | AE. 20 |
|--|---|--------------------------|---------------------------------------|---------------|
| OST FORT MONADUTH ESIGNATION SCHOOL | | POST BU | 697 | T-1112 |
| IZE: MAIN BUILDING 29 -6" X 70'-1" W IOW HEATED -4 - 1900 S. HEATENS IO. FLOORS INCLUDING BASEMENT TWO | INGS BOI PROTECTION FACILITIES HOT WATER—CAPA | 13 X 156 BASEMEN | т | |
| AATERIALS: . | | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP. |
| FOUNDATIONS CONCERTE Black | | WATER | | SIZE OR CAP. |
| FLOOR Concerte & Was | | SEWER | | - <u>-</u> - |
| WALLS Conserve to Block | | ELECTRIC | | <u></u> |
| ROOF | 0.0.0 | GA\$ | | _ |
| | | STEAM | - | · |
| The second second | REMARKS | | | |
| 900/19 Free- 9515 | 0 /a 5.S. | | · | |
| | | | | |
| ORIGINAL CONSTRUCTIO | N AND CHANGES — ADDITIONS (IN | BLACK) - DELETIONS (IN R | (ED) | |
| COMPLETED REFERENCE CAPACITY ABOVE I | OOR AREA COST BASEMENT OR VALUE | - | ARKS | |
| 993 4/30/ | Tax #5,711.00 | ORIGINAL | BUILDING | |
| 1943 NR 47-23 | 249.00 1 | +. floor celling | 2 | |
| 400 186 | EXT | | · · · · · · · · · · · · · · · · · · · | |
| | | TOTALS CARR | IED FORWARD | |
| AR DEPARTMENT - O.C.E. FORM NO. 432 SEPT. | 15, 1949 1112 | *INCLUDES PROPERTY | | ISTALLED. |

USE- School

| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. I | LOOR AREA. | COST OR VALUE | | | REMARKS | |
|-------------------|---------------|----------------------|-------------|---------------------------------------|---------------------------------------|--|-------------------------------|----------------|-------------------------------------|
| | Plan | 2 17/4 | 1 1 | | | - | | | <u> </u> |
| C.1841 | Exte | riew 1 | Part of | | | TEX PER I | NVENTOR | ROUGHT FORWARD | 11 110 |
| | | | | · e-ck | | Transaction of the second of the | CA MILE COLL | 116/47 | TOURD ! |
| | | | | | | ESSPER II | es como e promo de presidente | 10/-1 | N ST |
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| | <u> </u> | | | | | - 12057 60 2004 | NAME OF BRIDE | 2/14/ | 75 M |
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| YEAR | TOTAL COS | COST SQ. | PER FT. | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
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| CENTER OF THE PROPERTY OF THE | STATE SAGES STATE OF STREET | | | | | | |
|--|--|---------------------|--------------------------|--|------------------------------|------------------|--|
| 1 FACILITY NO | 0. 2 | . DESIGNATION | - 1 to - 1 to - 1 to - 1 | 3. CATEGORY | CODE | 4 | The second secon |
| T-537 | [| 300 Mil M | -1- | 1 | | | ED CAPACITY 5. TOTAL AREA |
| 6. UNIT OF ME | SURE | 7. DRAWIN | are | 724-10 | B. MAP NO | Int. | 7458 s.f. Ext. 7670 s.f. |
| -S-F. | | 700- | 1057 | | | | 9. LEASED X OWNED |
| The second secon | CONDITION | | | | | - 39 | LEASE NO. |
| a, TYPE | | | | | TECTION | 3 | 18. TYPE OF CONSTRUCTION |
| b. CAPACITY | · | | 4. N | JMBER S & | A, Wa | ter Pu | DERM SEMI-PERM X TEMP |
| C. SQ YD AIR | COND | | 17. | (PE Extino | | rs | 19. BUILDING DIMENSIONS |
| 11, | HEATING | 1 /6 170 | ļ | MATE | | | 4. MAIN BLDG 2016" - 12010" |
| a. SOURCE T | | 1/6 HP | a. FO | UNDATIONCO | nc, Bl | k,Pier | & Words |
| b. FUELDAR | INCTA P | ant Rad. | b. FL | OOR Wood | & Con | crete | c. WINGS |
| b. FUELFUE | ATER FACIL | team | C. WA | LLS Wood | _ | | d. BASEMENT |
| a. CAPACITY | | | d. RO | ofRoll, Ro | oofing | on Woo | DO B. ATTIC |
| b. TEMPERAT | ov gal | .s | e, su | REACE WOOD | ii | | 20. TYPE OF CARD |
| 13. NO. USABLE | | 14 074 | f. BA | SECONC. I | Piers | | BLDG MISC STR |
| TWO | | í | | | | | UTIL DIST SYS RAILROAD |
| 15. | 117710 | | 20 M∈ | en | | | LAND SURFACED AREAS |
| | NUMBER | TY CONNECTIO | NS . | | 21. REM | ARKS | |
| d. WATER | NOMBER | SIZE | | CAPACITY | _ | Мо | onmouth Area |
| b. SEWER | | 2" | | · · · · · · · · · · · · · · · · · · · | _} : | Roofing | Area 61.64 s. Q. |
| C. ELECTRICITY | | 6" | | | | rire Al | larm System |
| d. GAS | | | 11 | 0 - 220 | 7 | | |
| e, STEAM | | | | | _ | | |
| f. CONDENSATE | | | | | 4 | | |
| A FORM 2877 | # GPO : toss | I :0—759-639, RE | | * 2 * 15 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * | 1 | | |
| 1 NOV 64 | 3.01.100 | 5- | TI. AND | DA FORMS 5- 5-52, WHICH AI | 16. 5 - 47. 5 - RE OBSOLE | 49, 5-50. TE. | REAL PROPERTY RECOR |
| CATEGORY COL | DE | DESIGNATION | | | | | (AR 735-27) |
| 72410 | | BOQ MI | | E | | | FACILITY NO. |
| • • | | the second second | | *** | | | T 537 |
| • | • | | | | | | |

Site ECP-76 -# only Records found for 500 Bldgs.: 541+537.

4/2/41 -USE - Officers atres.

CH.

Heart -Coal, Installed oil Steam Situ - 27 Gel 1957

| 22. | | COST DATA | | · · · · · · · · · · · · · · · · · · · |
|----------------|--|--------------------------------------|---------------|---------------------------------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | TOTAL COST | |
| | 4/2/41 | | | \$20,030.00 |
| 2602-D6 | 27Feb53 | Alter Bldg. to provide suites w/adjo | 1 | |
| | | baths. Remove forced air heating sys | ining | |
| | | and install steam heating system oil | -em | |
| | | fired w/ standing radiators. Plans | | |
| | | 800-197 4702 4702A - 4702B - 4702C & | | |
| · | | 4702G | | |
| | | | | † |
| | 10/68 | Above Est. | \$16,970.00 | \$37,000.00 |
| | - | <u> </u> | 1 | 70000 |
| | 1968-9 | A.C.Jones Assoc Real Property Su | rvey | |
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| CATEGORY C | ODE | DESIGNATION | FACILITY NO. | <u> </u> |
| 72410 | | BOQ MIL MALE | T 537 | |



Oil Heat - 1/6 H.P. (Steam) Hot Water - 80 Gal

| | | | | | A Marie and State of | THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. | ويسترا بمعروب خباط ويون رحوي ويون والبرائيل فحدرنيا أوالان ميسوده ومساوه المسادراة الأدمامة |
|------------------------|--|----------------|---|---------------|---|--|---|
| 1. STATIO | N FEET WER | | Y N. J. | | SIGNATION | M | |
| 3. DATE | 1950 | 4. DRAWING | NO. - 1257 | 5. CO | ST ACCOUNT CO | S CEFICE | 6. BUILDING NO. |
| 7. | DIMENSIONS | | 8. HATERIA | is. | 3520 | 9. 8 | T-537 / |
| b. OFFSET: c. WINGS | s´ | 30'-0" | b. FLOORS WEAR & CO. WALLS WADD | K PIE NCRE | 76 | b. FUEL | PACE HEATING NOW PLANT FUEL BILL ATER FACILITIES |
| e. ADDITIO | | | 10. NO. OF USANIE ELONG | ON | WOOD | 8. CAPACIT | 80 B. P. W. |
| | ROTECTION FACILING OVER 11 11 11 11 11 11 11 11 11 11 11 11 11 | | 10. NO. OF USABLE FLOORS 13-UTILITY CONNECTIONS 8. WATER | NO. | 20 V. | b; TEMP. R | .CAPACITY |
| 18. REMARK | SICOMP. RE. | PILL | b. SEWER R. c. ELECTRIC d. GAS | 1 | 6" | 20 V | * |
| ROSEIN | 16 AREA- | 61.64 | 6. STEAM f. CONDENSATE | | | | |
| DATE COMPLETED | Voucher Humber | | DESCRIPTION | 1 | DES CAP | IGNED ACITY | FLOOR AREA (Square Feet) |
| 2/2/41× | A.R. | ORIGINAL | BUILDING (657 20,030. | Fer | 10 00 | EICERS | |
| | 2111-1254 1211-1254 | San Tarabas In | | | 70 071 | 765. | 74.58 INT. |
| IS IEEE | INVENTOR | y (1) 12 | (4 lar (2) 3/1 lag | (3) | 1/20/00 | APR 1 0 19 | 51 /0/- /- |
| | | | REAL PROPERTY RECORD . | BUIL | DINGS | | 10/20/32 HB |
| WD AGO FOR | | | 7 3- 537 V | | | - | ul- 29 |

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| DATE COMPLETED | Voucher Humber | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|-------------------|---|-------------------------------|-----------------------------|
| | | TOTALS BROUGHT FORWARD | | · |
| | 4-17 2132 | Gyr. Warris & Carrenne F | | |
| 5/29/50 | 370/ | PROP. ALTERATIONS | | |
| 2. | | Mer. To TES. QUARTERS | | |
| | | as En Inventory | 12/24/93 NA | 7 |
| | | × × × × × × × × × × × × × × × × × × × | 100 | X |
| | · | AS PER INVENTORY | inu to mee | PAGE |
| 27 Feb 53 | 2602-D6 | Alter bldg to provide suites w/odjaining | Plans #800-197 | PE#3-(FV 52) |
| | | System and install steam heating system, ail fired wistending Radiators | 4702 B - 4702 C and 4202 G | P=#5-(FY 52) Cast #31,367,5 |
| | | as Per Inventory | 2 0 FEB 1962 | |
| | - | 5 | , | |
| | | | | |

U. S. GOVERNMENT PRINTING OFFICE 1947 O - 70522

| | TED FORWARD | TOTALS CARRI | | ZF61 'S1 '143S | DEM NO 432 | 77 — O.C.E. FC | AR DEPARTME |
|---|--|---|--|--|---------------|-----------------|---------------|
| | | | 12.00 | | | | |
| | 4 | | | | | | |
| | | | | | 1550 | Plant | |
| | BUILDING | JANI JANI JANI | \$ 20,050,00 B | 1N/ 3545 | '440 OF | .F.H | 14/21 |
| | Y BKS | | OR VALUE | ABONE BASEMENT | YTIDA9AD | AZMENERE | COMPLETED |
| | (03) | IN BLACK) — DELETIONS (IN R | NGES - ADDITIONS | ASTRUCTION AND CHA | 102 144101110 | | 31AQ. |
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| | | | | | 5-10/- | All God | 0 44 0 |
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| | and the state of t | | KEWARKS | | | | |
| | | MABIS | | | | | |
| 1022-011 | | CY2 | (a/ 1, min) | | , | | |
| 6- | | ELECTRIC | (7, 1919) | poory re | 0 2011 | 0011 110 | F) 1009 |
| "/ | | ZEMER | / | | | 1001 | . SIIAW |
| ",6 | | MATER | (a/ HA14) | 742 | 72000 | 8 x001 | FLOOR . |
| SIZE OF CAL | NOMBER | UTILITY CONNECTIONS | 21/2/N 8 | 10 ch 10 ch | 2101012 | SNO SNO | FOUNDATIC |
| *************************************** | יבער | | | | | | |
| | 275 65 | PACITY GALLONS 80 G. | A) - SETAW TOH | 0/ | EWENT TH | ACTODING BYS | יס. דנטטאל וו |
| Granda. | | TIES — TYPE EX EIRLGUL | E PROTECTION FACIL | וחומשיב בוצ | Tono | MIEWY | OW HEATED. |
| | | e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de | ewas to | MINGS | 08/1/2 | літыме 33 | IZE: WAIN BU |
| Kara was | -0000 | N NAIG TOTAL | The same of the | CANAL TO A STATE OF THE STATE O | | | |
| -1521- | | | | מטגן בנים | D 273 | 21110 | DESIGNATION |
| ~ (521- | וויםואפ אס: | U8 12Q9 | A VALUE OF THE PARTY OF THE PAR | | | | |
| ~(25)- | пгыме мо. | UB-12Q4 | | ה ביף <i>ארים א</i> 1 - פחודם | oucu. | 0/1/ | ZO_ 150 |

| DATE | REFERENCE | CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | | | REMARKS / | |
|------|-----------|----------|--|--|---|----------|----------------|-----------|
| | | | | | | TOTALS B | ROUGHT FORWARD | |
| 732 | 16/5 | 199 | | region to the return | AS PER IN | VENTOR' | 120111 | 16.11 |
| 701 | 6/29 | 50 | 10 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A | The second | 2 1 1 Aug 1 A.S. | | - 110/4/ | Treel |
| • | -1-11 | | | | E 60 Despes | | // | V |
| | | | | | AS PER IN | WE MINDS | 3/1/49 | 2408 |
| | | - | | | AS PER | NVENT | MAN //an/ | S. Harris |
| | - | | | | | | 120/5 | D NO |
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| | | | | Name of Street | | 19 Dec | | |
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| | | | | MAINTENANCE CO | 1 | | | |
| YEAR | TOTAL COA | COST | PEP | | | | | |
| TEAR | TOTAL COS | sQ. | | TOTAL COST | COST PER | YEAR | TOTAL COST | COST PER |
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|--|-------------|---|---|---------------------------------------|--------------------------------------|--|--|
| 1 FACILITY NO. | 2. 🗉 | ESIGNATION | 3. CATEGORY C | ODE 4. DESIG | NED CAPACITY 5. TOTAL AREA | | |
| T-541 | В. | O.Q.Mil | Male 72410 | Int | 7458 s.f. Ext. 7670 s.f. | | |
| 6. UNIT OF MEAS | SURE . | 7. DRAWING | | MAP NO. | S. LEASED X OWNED | | |
| S.F. | | 70.0-12 | 257 | V-39 | LEASE NO. | | |
| | CONDITIONIN | · | 16. 4 FIRE PROT | ECTION | 18. TYPE OF CONSTRUCTION | | |
| a. TYPE Wil | | | a. NUMBER SOCIA | & Acid | PERM SEMI-PERM TEMP | | |
| b. CAPACITY | 9,000 E | 3TU | b. TYPE Exting | | 19. BUILDING DIMENSIONS | | |
| c. SQ YD AIR (| COND | | 17. MATER | | d. MAIN BLDG 29 16" x 130 1 | | |
| 11, | HEATING] | | s. FOUNDATION CO | nc.Blk. Pie | ore property | | |
| a. SOURCE | | | b. FLOOR WOOD | & conc. | c. WINGS | | |
| b. FUEL Oi | l Radiat | or-steam | C. WALLS WOOD | | d. BASEMENT | | |
| | ATER FACILI | TIES | d. ROOFROLL ro | ofing on we | OC e. ATTIC | | |
| a. CAPACITY | 80 Gal | Ls. | e. SURFACE WOOD | <u></u> | 20. TYPE OF CARD | | |
| b. TEMPERAT | | | f. BASE CONC. D | iers | ₩ BLDG MISC STR | | |
| 13. NO. USABLE | FLOORS | 14. OTH | R MEASUREMENTS | | UTIL DIST SYS RAILROAD | | |
| two | | 35 | Men | | LAND SURFACED AREAS | | |
| 15. | UTILIT | Y CONNECTION | ıs | 21. REMARKS | | | |
| | NUMBER | SIZE | CAPACITY | 1 | Monmouth Area | | |
| a. WATER | 1 | 2" | | | | | |
| b. SEWER | 2 | 3"&4" | | Fire Al- | Area 55.76 s9 . arm System | | |
| c. ELECTRICITY | 1 | | 110 - 220v | 1 TITE AL | arm System | | |
| d. GAS | | | | 1 | | | |
| e. STEAM | | | | 1 | | | |
| f. CONDENSATE | | | | 1 . | | | |
| DA FORM 2877 | | 0-759-639 RE | PLACES DA FORMS 5-4 51, AND 5-32, WHICH AR | 6, 5-47, 5-49, 5-50, RE OBSOLETE. | REAL PROPERTY RECOI | | |
| 72410 | E | DESIGNATION BOQ MII | MALE | · · · · · · · · · · · · · · · · · · · | FACILITY NO. | | |
| | 1 | | | | T 541 | | |

Site ECP 76

- only Records found

for 500 buildings: 541+537

4-2-4!

USE - OFFicers ates.

C.f.

Heat oil - oil Fleed Steam Heat

27 Feb 1953

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Window A/C (1) @ 9,000 B.T.U. Oil Heat Steam - 1/6 H.P. Hot Water - 80 Gal.

| | Revision | *************************************** | termination described and account | the state of the s | الكان المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة الكان المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة ال |
|--|-----------------------------|---|-----------------------------------|--|--|
| 1. STATION | | 2. DE | SIGNATION | M | |
| FORT MONMOUT | 4 Nul | | | <u> </u> | |
| 3. DATE 4. DRAWING | NO. 27 88 85/9/09 | 5. CO | ST ACCOUNT CO | QUAR | TERS |
| CB JUNE 1950 700 | -/257 | | 3500 | | 6. BUILDING NO. |
| 7. DIMENSIONS | 8- MATERI | ALS | | 9. 8 | ACE HEATING |
| 2. HAIN BLDG. 25'- 6" / 130' | b. FLOORS | | <u> </u> | SOURCE | |
| b. OFFSETS | Teo reconder a series and a | | | b FUEL | LOUAL PLANT |
| c. WINGS | c. WALLS WOOD | ONCE | PETE / | | JAP Fuel Oil Rods |
| d. BASEMENT | P ROOF | | | 11. HOT WA | TER FACILITIES |
| e. ADDITIONS | 10. HO. OF USABLE FLOOR | S TWO | ON WOOK | b. TEMP. RI | OU WIND I |
| 2. FIRE PROTECTION FACILITIES | 19-UTILITY CONNECTIONS | NO. | SIZ | <u> </u> | CAPACITY |
| TINGUISHERS. | B. WATER | 1 | 21 | | CAPACITY |
| | b. SEWER Do | 1 | | 315911 | |
| LIREMARKS COMP TER | C. ELECTRIC | 1 | SINGLE | | 466 |
| | d. GAS | | | FILE | 110-550-(311) |
| RODEING AREA-55,76 | O. STEAM | | · | | |
| DATE VOUCHER | f. CONDENSATE | | | | |
| COMPLETED NUMBER | DESCRIPTION | | DES I CAPA | GNED CITY | FLOOR AREA. (Squere Feet) |
| 1/0/2/ HE ORIGINAL | BUILDING #20 03/ | | GFAM | 14 | 7458 INT. |
| 77 7. 17. 17. | COST 20,030 | 1 <i>EST</i> | | EE/CEPS | TET DEXT |
| OLAN 1250 | * | : | | | |
| FEMAR | a 15 | | - Lorent . | V. | |
| 15 PER INVENTOR | 31 (D) (S/11/2) | @ 3 | 12/49 (3 | 1/00/- | APR 1 0 1951 |
| the property of the state of th | REAL PROPERTY RECORD | - BUTL | DINGS | | 10/20/52 HR |
| D AGO FORM 5-47 | T 3 541 | | | | 75010 7795 |

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| DATE COMPLETED | YOUCHER HUMBER | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|-------------------|------------------------------|--|----------------------------------|-----------------------------|
| 25/5/49 | 74AN2728 | TOTALS BROUGHT FORWARD | | |
| 16/5/49 | PLANS/28 PLANS/28 2732 | | | |
| | | lime Tablos Quarras | | |
| | | as per Inventory | 12/20/123 % | P |
| | | - 10 mm m m m m m m m m m m m m m m m m m | 1900 | XS, |
| | | AS DED INTERNAL | JAN 10 1956 | O COL |
| 27 Feb 53 | 2602-D6 | Alter Bldg to provide stites w/adjoint baths. Remove forced air heating system and install steam heating | 8 Plans # 800-197 4702-4702A- | PE"5" (FY 52) |
| | | System and install steam heating system ail fixed w/ standing Radiators | 4702-8-4702C-4 4702G | Cost \$16,952,92 |
| Ca Tuly 12 | 27.82 D | Install additional live exists CAROLOGO | floor #PF 3710 A | Cost \$ 918 62 M |
| | · | as Per Inventory | 2 0 FEB 1962 \$ | |
| | | 4 | V | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 0 - 70627

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| 31011411011 | Office | -5 Q | th, N.S. varters | POST BUILDING NO. 7541 M FLAN NO. 700-1257 | | | | | | |
|--|-----------|--|--------------------------------------|---|---|------------|--------------|--|--|--|
| E: MAIN BUI | LDING 29. | A 135 | WINGS Plant FIRE | PROTECTION FACI | BASEMEN LITIES — TYPE Extingui APACITY GALLONS BOGI | her L | | | | |
| ATERIALS: | ~ | , , | | 6 | UTILITY CONNECTIONS | NUMBER | SIZE OR CAP | | | |
| FOUNDATION | us Conc | retels | Jock Plers | & Walls | WATER | | | | | |
| FLOOR W.W. | 000 | Concr | et e | ····· | SEWER | | | | | |
| WALLS . | 1000 | | on wood | (1 /- \ | ELECTRIC | 7 | | | | |
| ROOF | 241.11.29 | 211014 | n wood | 55-76/0) | GAS | | | | | |
| THE RESERVE TO THE PARTY OF THE | | THE STATE OF THE S | | | STEAM | | | | | |
| | | | | REMARKS | | 4.4 | | | | |
| | | | | | | | | | | |
| 2 | D . E. | 1. 1 20 | 3 - 5 - 4 - 6 | | | | | | | |
| Comp | Kep. FI | | 3 - ENV -9 NSTRUCTION AND CHA | ANGES - ADDITIONS | (IN BLACK) - DELETIONS (IN | RED) | A CONTRACTOR | | | |
| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. ELOOR AREA ABOVE BASEMENT | COST OR VALUE | 1 | MARKS | | | | |
| | 177 | 400ff. | 3678 TNT | \$ 20,030.00 | 長子 ORIGINA | t BUILDING | | | | |
| 2/7/ | | | | | | | | | | |
| 2/7/ | Plan | 1754 | | | | | | | | |

| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | | OOR AREA | COST OR VALUE | | | REMARKS | 2-1-3000,00-0-2-10- |
|--|-----------|----------------------|-------|----------|---|---------------------|---|---------------|----------------------|
| | | | | | | Agree Tree | TOTALS BE | OUGHT FORWARD | (1) |
| 727 | 16/5 | 5/49 | | | | AS PER IN | VENTORY | 12/11/11 | 1 Land |
| 700 | | 1-1-6 | | | | | | -1-17 | 1 June |
| | | | 1 | | | AS PER INV | TENTORY | 3/2/29 | 400 |
| | | | | | | | | 7771 | |
| | | | | | | AS PER | MUENT | 001/20/5 | 71 |
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| The state of the s | | | | | MAINTENANCE COS | STS. | | | |
| YEAR | TOTAL CO | | T PER | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
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| | | | | | | | | - 4-70 | |
| | | 1 2.32 | | | | | | | |
| | | | 22.7 | | PERSONAL PROPERTY. | The second | 77 | 7.40 | 2003 2003 |

| . FACILITY NO. | '2. D | ESIGNATION | n see to while | 3. CATEGORY | CODE 4. | ESIGNE | D CAPACITY 5. TOTAL AREA | |
|-----------------------------------|-----------------------|---------------------------------------|-------------------|---------------------------------|--------------------------------|-------------|--|---------------------------------|
| <u> </u> | Fir | n Adm Bl | dg. | 610-27 | | | Ext. 4993 s.f. | |
| . UNIT OF MEASU | RE | 7. DRAWIN | G NO. | T | B. MAP NO. | | 9. LEASED X OWNED | 1-18-41 |
| S.F. | | 700- | 1165 | | | U- | 49 LEASE NO. | |
| O. AIR C | NINOITION | G | 16. | FIRE PRO | TECTION | | 18. TYPE OF CONSTRUCTION | USE-Barracko |
| a, TYPE | | | a, Ni | MBER (2) S& | A fire d | | | |
| b. CAPACITY | | | ь. т | PE2 exti | ngui sher | s (De | BUILDING DIMENSIONS | • |
| c. SQ YD AIR CC | ND . | | 17. | MATER | | | 8. MAIN BLDG 291618 X 801 | 3-19-47 |
| | EATING] | 6 н.Р. | a. FC | UNDATION CO | ncrete | | b. offsets vault - 13 x 21 | , , , , |
| a. SOURCE IN | div. P | lant | b. Fl | ook wood | | um | c. WINGS | 3-19-47 Change to EM. School |
| b. FUEL Oil | ₩ Hot | Air | c. W | | | | d. BASEMENT | Consule |
| | ER FACILIT | | d. RC | oroll ro | ofing on | WOO | e. ATTIC | |
| a. CAPACITY] | | ons | e, su | RFACE WO | | | 20. TYPE OF CARD | |
| b. TEMPERATUR 13. NO. USABLE F | | | f. BA | con | crete | | T BLDG MISC STR | 1055 |
| TWO | LOORS | 14. OTH | ER MEA | SUREMENTS | | | UTIL DIST SYS RAILROAD | Assumer FTES 133 |
| | | | | | | | LAND SURFACED AREAS | |
| 5. | | Y CONNECTIO | NS | | 21. REMARK | S | | Change to An Adm Bla |
| a. WATER | NUMBER . | 211 | | CAPACITY | 4 | Mor | mouth Area | Marge 16 THE |
| | | 618 | | | Roof | area | 32.19 sq. | |
| b. SEWER | | 0 | - 4- | 0.000 | ↓ | | | |
| c. ELECTRICITY | <u></u> | | 77 | 0-220v | _1 | | | |
| d, GAS | | | | | 1 | | · · · · · · · · · · · · · · · · · · · | |
| f. CONDENSATE | | | | | 4 | | | 101 |
| A FORM 2877 | | and a skilling growth field a real of | ~ ~ ~ ~ ~ ~ ~ ~ | | | يد بسايد ب | A STATE OF THE STA | |
| A FURM 28// | ☆ GPO : 1965 O | | EPLACE 51, AND | S DA FORMS 5-4 5-52, WHICH A | 16, 5-47, 5-49, RE obsolete | 5-80. | REAL PROPERTY RECORD | |
| 1 | | ľ | | | • | | (AR 755-27) | |
| CATEGORY CODE | | DESIGNATION | 1 | | | | FACILITY NO. | |
| 61. | 0-27 | FIN A | DM B | LDG. | | | T-437 | |
| | | | | • | | | 1 1-47 | • |

1. The extrapolation of

| 2. | | COST DATA | | |
|----------------|---------------------------------------|--|-------------------|--|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| | 1/18/41 | | | \$8.750.00E |
| 573-D9 | 2/4/58 | Installed new reinforced concrete | | |
| | | vault w/4 hr. vault door, new elec. | | <u> </u> |
| | | heater & construction of passageway | | |
| | | from vault to bldg. 437 Plan #8704 | \$9,024.92 | |
| 1787-D9 | 2/10/59 | Installed fire detection system | \$ 134.85 | |
| PE132(5 | | | | |
| | | | | |
| | 11/1/68 | 104 - 4 Fluorescent lights | | |
| | 3/68 | | | \$18,400.00 |
| | 1968 | A. C. Jones Assoc Real Property S | Burvey | |
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| CATEGORY | CODE | DESIGNATION | FACILITY NO. | ! |
| CATEGORY | 610-27 | FIN ADM BLDG. | T-437 | |

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| 1. STATION | • | | 2. DES | IGNATION | M | | | |
| FORT MONMO | ITH, N | J | EM-SCHOOL FINANCE VERY | | | | | |
| · | | , | 5. cos | T ACCOUNT CO | 6. BUILDING NO. | | | |
| | 700-1 | | 33 | 520 | | 7-437 | | |
| 7. DIMENSIONS | · <u>·······</u> | 8. MATERIA | | | 9- 51 | ACE HEATING | | |
| 8. MAIN BLOG. 29-6×8 | 0- | a. FOUNDATION CONC | RET | E | a. SOURCE / | NOIVIDUAL TLANT | | |
| b. OFFSETS | · . | b. FLOORS WOOD | | | b. FUEL | 14 | | |
| C. WINGS | | C. WALLS WOOD | | | | | | |
| d. BASEMENT | | d. ROOFOLL ROOFIN | 600 | MACO | | 55 CPH. | | |
| e. ADDITIONS | | 10. HO. OF USABLE FLOORS | TW | 10- | b. TEMP. R | SE | | |
| 12- FIRE PROTECTION FACILI | TIES | 13-UTILITY CONNECTIONS | NO. | . 51 | | CAPACITY | | |
| ,m | | B. WATER | 1 | 2 | · · | | | |
| EXTINGUISHE | | b. SEWER | 1 | 5" | | icas - | | |
| 14- REMARKS | No | C. ELECTRIC | 1 | | · | 110-220V | | |
| ROOFAREA 32.19/10 | CAHOPY | d. GAS | ļ | | | | | |
| A | | e. STEAM | ļ <u>.</u> | | | | | |
| COMP. ZEP FRE / DA | ENU A | f. CONDENSATE | <u> </u> | · · · · · · | | · | | |
| DATE VOUCHER COMPLETED NUMBER | | DESCRIPTION | | DES CAP | IGNED ACITY | FLOOR AREA (Squere Feet) | | |
| 1/18/4/ CR | ORIGINAL | BUILDING COST 8750 | <u> </u> | 63 M | EN | 4978 EXT 4720 EXT | | |
| SPEC. DE 6 | FLUG | 2. KI64TS. | · | | | 4590 INT | | |
| 5 4 4 7000 | 8 - AFT 0 | e Terresta anno anno esta | 4 | / F | LTERATI | N TO EXISTING | | |
| 7529-205 | 20~184 | REAL PROPERTY RECORD | ENG. | 14798 C | SLDG. FOI | EM SCHOOL | | |
| | | MEAL PROPERTY RECURD | - 0016 | כטאוע | | 10/16/52 | | |

WD AGO FORM 5-117

T-487

U-49

| DATE OMPLETED | Voucher Humber | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|------------------|-------------------|--|----------------------|---------------------------------|
| | | TOTALS BROUGHT FORWARD | | |
| AS A | PER IN | LENTORY 10 12/11/47 6 | 3/2/49 60/ | 117/50 |
| | · | APR 9 1951 | | |
| | | As Fer Inventor | 12/29/33 146 | |
| | | and the state of | TOTE OF THE MEN | IS. |
| <u></u> | | THE PERSON OF TH | JAN 10 1956 | |
| . | | alt in PE 1955 for Luance | ₹3T: (0¢7 | \$ 1,000- |
| | 95 11 77 - 71 | V - 2 | Tota) | 9,750 - |
| FERST | PE112(57) | Isto Title New menfitted and create Vevill with. Vevitober, Now electric heaten of Court of Pesseyeway for vevil to day 437 | Phan # 8704 | 49,024.92-) |
| 0 /2654 | 1787-Dg | InsTALL for FIRE DETECTION | \$1,311.85 | KInchodes ADN EINSPECTION CO |
| · | · | as Per Insenting | 2 0 FEB 1962 | |
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U. S. GOVERNMENT PRINTING OFFICE : 1947 O . 20897

| ST ACCT. CODE NO. 610-22 ST FOR MON MOUTH | BUILDINGS AND S NJ M. School | • · · · · · · · · · · · · · · · · · · · | POST BUILDING NO | 7-437 |
|--|------------------------------------|---|--------------------------------|--------------|
| E: MAIN BUILDING $29-6180^{\circ}$ W HEATED $In Jividual S$ D. FLOORS INCLUDING BASEMENT Iva | WINGS PROTECTION HOT WAT | | BASEMENT Shees S. J.S. G.P.H. | |
| ATERIALS. FOUNDATIONS Cancrete | | ii | NUMBER NUMBER | SIZE OR CAP. |
| FLOOR Wood WALLS WOOD ROOF FOLL FOOT IN 9 0 | (32 | .19 / ELECTRIC GAS | / | 110-220V |
| | | CANOP STEAM | | |
| MOFING AREA - 3219 / | s, s | | | |
| | UCTION, AND CHANGES — ADI | DITIONS (IN BLACK) — D | ELETIONS (IN RED) | |
| | FT, FLOOR AREA COST | | REMARKS | · · |
| 118/41 CA 63Men 3 | 1390 117 \$ 8,750 | 5.00 Est | ORIGINAL BUILDING | |
| 18/47 1529-203 Contract W | 1-30-075 - eng 2898 | School | + existing Ala | le in Eim |
| | | 1 . | TOTALS CARRIED FORWAI | RD |

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| | | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST OR VALUE | | R | EMARKS / | |
|------|-------------|----------------------|--------------------------------------|------------------|--|-------------|---------------|-------------|
| | | | , | | : . | TOTALS BRO | DUGHT FORWARD | 1 10 |
| | | | | | AS PER IN | gurgett 16V | 10/11/47 | 1000/ |
| | | | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | | 1 % | U |
| | | | | - | 8 H 15 M. S. S. S. S. S. S. S. S. S. S. S. S. S. | AEMANEA | 3/2/49 | |
| | | <u> </u> | | ļ | as ofn i | NVENTO | F084 1 1 - | |
| | <u> </u> | | | | PAGE STREET | Macterd | 1/17/5 | <u> </u> |
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| , | | | | MAINTENANCE CO | STS | | | : |
| YEAR | TOTAL CO | ST COS | OT PER YEAR | TOTAL COST | COST PER | YEAR | TOTAL COST | COST PER |
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2. 花头红鹤台和铜银花钻进 专

| 1. FACILITY NO. | , | SIGNATION | 3 CATEGORY | CODE 4. DE | SIGNED CAPACITY 5. TOTAL AREA |
|-----------------|------------------------|--------------------------------|--|--|---|
| T-440 | | | ldg. 61027 | In | t. 4590 s.f. 4720 Sq. Ft. |
| 6. UNIT OF MEAS | URE | 7. DRAWIN | | 8. MAP NO. | 9. LEASED X OWNED |
| S.F. | | 700~ | 1165 | <u> </u> | T-47 LEASE NO. |
| 10. AIR | CONDITIONING | | 16. FIRE PR | OTECTION | 18. TYPE OF CONSTRUCTION |
| 8. TYPE | | | e. NUMBER 2 S | oda & aci | d PERM SEMI-PERM & TEMP |
| b. CAPACITY | | | | nguishers | 19. BUILDING DIMENSIONS |
| C. SQ YD AIR (| OND | | 17. MATE | RIALS | a. MAIN BLDG 2916" x 8010" |
| 11. | HEATING 1/ | 6 h.p. | a. FOUNDATION C | concrete | b. OFFSETS |
| a. SOURCE T | ndividua | l plant | b. FLOOR line | leum-Wood | &CONC WINGS |
| | il hot | | | od | d. BASEMENT |
| 12. HOT W | ATER FACILITI | ES | d. ROOF roll r | coofing on | WOODE ATTIC |
| B. CAPACITY | a. CAPACITY 30 gallons | | | | 20. TYPE OF CARD |
| b: TEMPERAT | | | f. BASE | | ₩ BLDG MISC STR |
| 13. NO. USABLE | FLOORS | 14. OTH | ER MEASUREMENTS | | UTIL DIST SYS RAILROAD |
| two | | | | | LAND SURFACED AREAS |
| 15. | | CONNECTIO | NS | 21. REMARKS | |
| | NUMBER | SIZE | CAPACITY | | Monmouth Area |
| a. WATER | <u> </u> | 2 ñ | | Roofi | ng area 32.19 sq. |
| b. SEWER | 1 | 5" | | | no canopy |
| c. ELECTRICITY | 1 | | 110-220v | KXXXX | EXERNXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| d. GAS | ļ <u>-</u> | | | | floor 8', 2nd floor 8'6" |
| e, STEAM | - | | | | |
| f. CONDENSATE | | | | | all restrictions |
| DA FORM 2877 | ⇔ GPO : 1965 O⊶ | | EPLACES DA FORMS ; -51, AND 5-52, WHICH | -46, 5-47, 5-49, 5 ARE OBSOLETE. | -50. REAL PROPERTY RECORD |
| 1 | 1 | | | | (235-27) |
| CATEGORY CO | DE | DESIGNATIO | N | ······································ | FACILITY NO. |
| 61027 | į | FIN A | DM BLDG. | | T=440 |
| , • | er og mellere et å | April 1 metric excellentations | Control of the Contro | a i a partir i der par de treggia percentiga de treggia de treggia de treggia de treggia de treggia de treggia | A second to the second |

- 3/19/47

USE Changed from

Barracks

To

E.M. School.

Assume 1768 1955 Changed to Firmonal Admin Bld.

C.

Heat oil -

Oil hot air heat 1/6 H.P. Hot water - 30 gallons

* * Selection of the se

| 22, | • | COST DATA | | |
|--|--|-----------------------------------|--|--|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| Spec De | 6 11/17/ | 41 | | \$8,750.00 |
| | - 11/1/6 | 8 69 - 4' fluorescent lights est. | SXX XXXXXXXXXXX | |
| | · · · | | | |
| | 1968 | | 1 | \$8,750.00 E |
| | | | 1 | |
| | | A. C. Jones Assoc Real Property S | Survey | |
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| CATEGORY | | DESIGNATION | FACILITY NO. | |
| 6102 | : / | FIN ADM BLDG. | T-44Q | ļ |

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| pur , marina (n. 1818 novem s. 1820 novem s.), sin anni parte sono despression se consequence de la consequence del la consequence del la consequence de la consequence del la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la consequence de la | rak pangangan gapa akay b kalap, sayan kata s | 1/2,04 | moid | | | | | |
|--|---|----------------|----------------|-----------|----------------|--------------|-------------------------|---------------|
| 1. STATION | | MOUTH | L.M. | 2. DES | IGNATION | E 4 | 001- | |
| 3. DATE | 1 | RAWING NO. | | ļ - | ST ACCOUNT COL |)E | 6. BUILDING NO | ۰. |
| Te JARA TO | | 700-1160 | | | 9520 | · | J-990 | V |
| 7. DIMENSI | | 8. | MATERI | ALS | | | SPACE HEATING | |
| a. MAIN BLDG., 29 | <u>'-6"x E</u> | | | PETE | | a. SOURCE | DIVIOUAL - PO | LANT |
| OFFSETS | | b. FLOORS | WOOD | Service . | | b. FUEL | COMEDIL | 1107-173 |
| c. WINGS | | C. WALLS | WOOD | Europe. | | 11. HOT 1 | HATER FACILITIES | 1 |
| . BASEMENT | | d. ROOF | POLL P | OOF IN | GONWOO | a. CAPACI | TY 55 G.E | 3 4 |
| e. ADDITIONS | | 10. NO. O | F USABLE FLOOR | | - and anno | b. TEMP. | | |
| 34 FIRE PROTECTION | | 13-UTILIT | Y COMMECTIONS | NO. | SIZE | | CAPACITY | , |
| EXTINGUISA | e pas | a. WAT | ER | ./ | 2 | " | | · · · · · · · |
| · | | b. SEW | ER PCL | 1 | 5 | " | | |
| 1 REMARKS COM P | s <u> </u> | c. ELE | CTRIC | 1 | SINGLE | | E 110- 88 | 2 6 |
| FILE-1-DA | 3-ENV | d. GAS | | | | | | - |
| Robertia fra | 4. | i i | Ам | | | | | |
| No. | o Canday | f. GON | DENSATE | <u> </u> | | | | |
| DATE YOUCH COMPLETED NUMB | | DESCR | PTHON : | | | GNED CITY | FLOOR ARE (Square Fe | |
| 1/18/\$/ SPEC | ORI | GINAL BUILDING | 3750.00 | | 4590-5N | | 4780-81 | 52510-F |
| 7/19/97 250 | 2 203 (| ONTERACT | 4430.0 | 75 E | NG F99 | P+ [] [| | - |
| is dea | | NTORY M | 12/4/47 | _@_: | 12/99 | 1/16 | 31.5000 (1 | . 195 |
| tal incorporation to the state of the same | w | REAL PR | OPERTY RECORD | - BUIL | DIAGS | -// | 10/16 | 152 |
| D AGO FORM 5-117 | | | ar to Na | · · · · | | | ~~~ | 47 |

Changed from

1967 (17.00) (18.00)

| DATE COMPLETED | Voucher Number | 'DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) | |
|-------------------|-------------------|------------------------|----------------------|-----------------------------|--|
| | | TOTALS BROUGHT FORWARD | | | |
| | | At Pro I rensecutions | 12/20/53 1458 | | |
| | | | 1950 1954 | X . | |
| | | as ten inventory | JAN 10 1958 | m | |
| | | r; cr 11 | 20 FEB 1962 % | | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 O - 708279

| DATE 6/39/43 REAL PROPERTY RECEDENT ACCT. CODE NO. 6/D - 22 DOST FORT MON mouth, N. School DESIGNATION Barres & EM School | |
|--|---|
| SIZE: MAIN BUILDING 29-6 X 80 WINGS NOTE HOW HEATED IN ALVI AUAL Plant FIRE PROTECTION FAC NO. FLOORS INCLUDING BASEMENT TWO HOT WATER—C | ILITIES _ TYPE Extinquishers |
| MATERIALS: | UTILITY CONNECTIONS NUMBER SIZE OR CAP. |
| FOUNDATIONS Concrete | WATER / / 2" V |
| FLOOR Wood | SEWER / |
| WALLS Wood V ROOF 19011 Fronting on Wood 32.19/ | ELECTRIC / 1/0-220 Y |
| ROOF 19011 Rooting on wood | GAS |
| (NO CA | NOPILA |
| REMARKS | |
| ROSEING AREA - 3219 / 5.5 | |
| | |
| Lung Kep File I De? ENVE | |
| ORIGINAL CONSTRUCTION AND CHANGES — ADDITION | S (IN BLACK) — DELETIONS (IN RED) |
| DATE COMPLETED REFERENCE DESIGNED SQ. FT. FLOOR AREA COST ABOVE BASEMENT OR VALUE | REMARKS |
| 1/18/41 C R. 63 Men 4590 INT & 8.750,00 | Est ORIGINAL BUILDING |
| Soor D.E G. | |
| 3/19/97 7529-203 Contract # W 30-075 ens 2998 | Altarations to Existing Bldgs Fox E.M. |
| | TOTALS CARRIED FORWARD |
| WAR DEPARTMENT - O.C.E. FORM NO. 432 SEPT. 15, 1942 7 440 | INCLUDES PROPERTY ORIGINALLY INSTALLED 7-47 |

USE Change 3/19/47

Barrocks

To

E.M. School.

| | | | | | · . | 100 | | |
|------------------|----------------|--|--------------------------------------|---------------------------------------|---------------------|-------------|---|---------------|
| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST. | | | REMARKS | • |
| <u></u> | | | | | <u> </u> | TOTALS | ROUGHT FORWARD | <i>A</i> |
| | | | | | AS PER IN | KENTOR | 10/11/47 | Heel |
| | | | | | | | | 11: The said |
| | | | | | as fire inc | TENTOR | 2/0/110 | # 94/9 |
| • | | | | | | | 77/1 | |
| | 1 | | | | AS PER I | HVENT | ORY 1/16/37 | 2 /4 |
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| | | | | MAINTENANCE CO | STS | | | |
| YEAR | TOTAL CO | ST COS | T PER YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
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| | | i. | | and make | | | | |

| | 1. | | ED CAPACITY 8. TOTAL AREA | | |
|-------------------------------|---|---------------------------------------|---------------------------|--|--|
| | ldg. 61027 | Int. | 4590 s.f. 4720 Sq. Ft. | | |
| 6. UNIT OF MEASURE 7. DRAWIN | IG NO. | MAP NO. | 9. LEASED XX OWNED | | |
| S. F. 700 | -1165 | | T-47 LEASE NO. | | |
| 10. AIR CONDITIONING | 16. FIRE PROT | TECTION | 18. TYPE OF CONSTRUCTION | | |
| a, TYPE | a. NUMBER 2 SO | da & acid | PERM SEMI-PERM XX TEMP | | |
| 5. CAPACITY | b. TYPE Extin | guishers | 19. BUILDING DIMENSIONS | | |
| c, SQ YD AIR COND | 17. MATER | IALS | 4. MAIN BLDG 29 6" X 80 1 | | |
| 11. HEATING 1/6 h.p. | a. FOUNDATION CO | | b. OFFSETS | | |
| a. source individual plan | t b. FLOOR linol | eum-wood&co | ILC &. WINGS | | |
| b. fuel oil - hot air | c. WALLS WOOD | | d. BASEMENT | | |
| 12. HOT WATER FACILITIES | d. ROOFTOll ro | of on wood | e. ATTIC | | |
| a. CAPACITY 30 gallons | e. SURFACE | | 20. TYPE OF CARD | | |
| b: TEMPERATURE RISE | f. BASE | | X BLOG MISC STR | | |
| 13. NO. USABLE FLOORS 14. OTH | IER MEASUREMENTS | | UTIL DIST SYS RAILROAD | | |
| two | | ~··· | LAND SURFACED AREAS | | |
| 15. UTILITY CONNECTION | NS | 21. REMARKS | | | |
| NUMBER SIZE | CAPACITY | 4 | Monmouth Area | | |
| a. WATER 1 2" | | Roofing | area 32.19 sq. | | |
| b. SEWER 1 5" | | 1 | no canopy | | |
| c. ELECTRICITY] | 110-220v | ceiling | lst floor 8' | | |
| d, GAS | | · · | 2nd floor 8'6" | | |
| f. CONDENSATE | | - | | | |
| | | <u> </u> | | | |
| DA FORM 2877 | EPLACES DA FORMS 5-4 -51, AND 5-52, WHICH AF | 16, 5-47, 5-49, 5-50, RE OBSOLETE. | REAL PROPERTY RECORD | | |
| B . | | | -1 1 | | |
| CATEGORY CODE DESIGNATIO | N | | FACILITY NO. | | |
| 61027 FIN ADA | M BLDG. | | T-444 | | |

Use Change
3/19/47
Barrocks to
E.m. School.

Changed to
Fin Adm. Bldg

000098

Oil heat hot air 1/6 H.P. Hot water - 30 gallons

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a to

| 2. | | COST DATA | , | |
|----------------|---------------------------------------|---------------------------------------|---------------------------------------|------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL COST |
| C.R. | 1/18/41 | | | 8,720.00 |
| | 10/68 | Fluorescent lights 72 - 4'8-\$39-99 | 2xxxxxxxx | TWXXXXXX |
| | 3/68 | | \$ | 8,720.00 |
| | | A. C. Jones Assoc Real Property | Survey | |
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| CATEGORY | CODE | DESIGNATION | FACILITY NO. | <u> </u> |
| 6102 | 27 | FIN ADM BLDG. | T-444 | |

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| enterprise minimum and all contracts and programmy contracts to the first in the contract of t | | | | | | |
|--|----------------------------------|-------------------------|----------------|--------------|------------------------|-----------------------------|
| 1. STATION | A | | 2. DES | IGNATION | | ametralizin, |
| | 4. DRAWING | | | | Contract of the second | |
| 3. DATE | 1 | | 1. | T ACCOUNT CO | DE · | 6. BUILDING NO. |
| 7. DIMENSIONS | 700 | 9-//65 MATERI | | 3520 | 9. SP | ACE HEATING |
| . MAIN BLDG. ∈ 9'-6" | × 8000 | a. FOUNDATION | | -61 | | ILIOUAL PLAN |
| b. OFFSETS | | b. FLOORS | | / | l D. Filfiv | |
| c. WINGS | | C. WALLS | | ; | | OAL TER FACILITIES |
| d. BASEMENT | - | d. ROOF |) (| | B. CAPACITY | |
| e. ADDITIONS | | 10. HO. OF USABLE FLOOR | | ING OXWA | b. TEMP. RI | ISE INDOF |
| 12. FIRE PROTECTION FACI | LITIES / | 13-UTILITY CONNECTIONS | NO. | SI | ΣΕ _ | CAPACITY |
| EXTINGLISHE | -AS. | . WAYER | 1 | ۾ | " | |
| PROMENIC ARES 3: | 2.19 /a sg V | b. SEWER | 1 | -5" | | |
| LA REMARKS | | C. ELECTRIC | 1 | SINGE | PHASE | 110-220-3 |
| DMF TER | | d. GAS | | | | |
| DA-3-5NV- | 6- | e. STEAM | | | | |
| Speciaes. | <u> </u> | f - CONDENSATE | | | | |
| DATE COMPLETED NUMBER | | DESCRIPTION | | | IGHED ACITY | FLOOR AREA (Square Feet) |
| | ORIGINAL | BUILDING 8 > 20.20 | | 75-90- | | |
| | COS | T # 8720.00 | | 68-M | EN | 4780-54550 |
| 2420 25 25 20 20 | SPONTE | PACT W 30-0: | 25 - 20 | V5-294 | er - FT | T-TA ELEC |
| / / / | | • | | | / | |
| 3S PER | TNVEN | TOPY D P | 1/927 | B 3/2 | 1993 | VOLTO ANK 3 |
| Seed with a grant of any of any or and a seed of the s | Marketine W. St. J. Tall St. St. | REAL PROPERTY RECORD | - BUIL | DINGS / | | 10/16/52 |
| WO AGO FORM 5-17 | | | | | | |

| DATE COMPLETED | NUMBER YOUCHER | DESCRIPTION | DESIGNED | FLOOR AREA (Square Feet) |
|-------------------|--|---------------------------------------|----------------|-----------------------------|
| | | TOTALS BROUGHT FORWARD | | |
| | | As Per Inventorio | 12/29/53 148 | |
| | | to the parameter | 1954 | X., |
| | | WE DEED THE PROPERTY OF | JAN 10 1956 | 1 miles |
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| | Transfer to the contract of th | | | |

U. S. GOVERNMENT PRINTING OFFICE: 1947 0 - 70827

| DATE 6/47/43. REAL PROPERTY COST ACCT. CODE NO. 6/0-22 BUILDINGS AND ST POST FORT MORNOUTH, N.J. DESIGNATION TO SCHOOL | RUCTURES POST BUILDING NO. 7 - 44 4 |
|---|--|
| SIZE: MAIN BUILDING 29-6X 80 WINGS HOW HEATED IN AIVIN WAL Plant FIRE PROTECTION INC. FLOORS INCLUDING BASEMENT TWO WATER- | PLAN NO. 700-1166 BASEMENT |
| FOUNDATIONS Concrete | UTILITY CONNECTIONS NUMBER SIZE OR CAP |
| FLOOR Wood V | WATER / 2"V |
| WALLS VVOOD | SEWER / 5"- |
| ROOF Fall Footing on wood 32.10 | |
| BELL DICE | No pyfexii |
| PODEING AREA - 32/17 /6 S.S. V | |
| | |
| LOND LED TILE DOB ENV6 | |
| ORIGINAL CONSTRUCTION AND CHANGES — ADDITION DATE DESIGNED SO EL PLOCATION OF THE PROPERTY OF | ONS (IN BLACK) - DELETIONS (IN RED) |
| COMPLETED REFERENCE CAPACITY ABOVE BASEMENT OR VALUE | REMARKS |
| 63 Men + 4720 V 872070 | ORIGINAL BUILDING |
| | The state of the s |
| 19/99 1001-203 Contract W 30-075 CMS 2948 | Alterations to existing Blogs for E.m. |
| | TOTALS CARRIED FORWARD |
| AR DEPARTMENT — O.C.E. FORM NO. 432 SEPT. 15, 1942 444 | *INCLUDES PROPERTY ORIGINALLY INSTALLED |

Use Change.

3/19/47

Barracko to
E.M. School.

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| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR AREA ABOVE BASEMENT | COST | | | | |
|------------------|-------------|----------------------|--------------------------------------|---|---|--------------|------------------|---------------------|
| | | | ADOVE BASEMENT | OR VALUE | | | REMARKS | 1 |
| | T | | - | | | TOTALS | BROUGHT, FORWARD | . 973 |
| | | | | | AS PER I | NVENTOR | 10/11/47 | - Plan IA |
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| | | | | AAINTENANCE COST | rs | | | |
| EAR | TOTAL COST | COST SQ. F | PER I | | | , | | |
| - | | 30.1 | | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER SQ. FT. |
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| I. FACILITY NO. | 2. D | ESIGNATION | | 3. CATEGORY | | 4. DESIGNS | ED CAPACITY 5. TOTAL AREA | | |
|-----------------|----------------|-------------|----------------------------|--|------------------------|----------------------|----------------------------|--|--|
| T-441 | Fir | ı Adm Bl | dg. | 61027 | , | Int. 4 | 590 s.f. Ext. 4720 s.f. | | |
| 6. UNIT OF MEAS | SURE | 7. DRAWIN | G NO. | ······································ | 8. MAP N | o | 9. LEASED X OWNED | | |
| S.F. | | 70 | 0 - | 1165 | | | U-49 LEASE NO. | | |
| 10. AIR | CONDITIONING | 3 | 16. | FIRE PRO | TECTION | | 18. TYPE OF CONSTRUCTION | | |
| a. TYPE Ce | ntral Ur | nit | a. N | UMBER 2 SC | da & | acid | PERM SEMI-PERM X TEMP | | |
| b. CAPACITY | | | ь. т | YPE Extir | igui sh | ers | 19. BUILDING DIMENSIONS | | |
| c. SQ YD AIR | COND | | 17. | | RIALS | | 4. MAIN BLDG 29161 X 80101 | | |
| 11. | HEATING | L/6 H.P. | a. F | OUNDATION (| concre | te | b. OFFSETS | | |
| a. SOURCE | ndiv. P | lant | | LOOR WOOD | w/lin | | c. WINGS | | |
| b FUEL Oi | 1 - Hot | Air | c. W | ALLS WOO | | | | | |
| 12. HOT W. | ATER FACILIT | IES | d. ROOF roll roofing on Wo | | | | Ode, ATTIC | | |
| a. CAPACITY | 15 gallo | ons | e. SURFACE WOOD . | | | | 20. TYPE OF CARD | | |
| b: TEMPERAT | | | f. BASE concrete | | | | BLOG MISC STR | | |
| 13. NO. USABLE | FLOORS | 14. OTH | ER MEASUREMENTS | | | | UTIL DIST SYS RAILROAD | | |
| T | WO | - | | | | | LAND SURFACED AREAS | | |
| 15. | UTILIT | Y CONNECTIO | N5 | | 21. RE | MARKS | | | |
| | NUMBER | SIZE | | CAPACITY | 7 | • | • | | |
| s. WATER | 1 | 211 | | | 7 | | To see a see the Ari | | |
| b. SEWER | 1 | 511 | | | ┦ ╖╸ | - Fi | Monmouth Area | | |
| c. ELECTRICITY | 1 | | 11 | 10-220v | | OTTUE | Area 32.19 sq | | |
| d, GAS | | | | | | ec - De | | | |
| e, STEAM | | | | | - L.J | re dete | ection system | | |
| . f. CONDENSATE | | | | | | | Now dock to | | |
| DA FORM 2877 | * GPO : 1963 C | | EPLAC -51, AN | ES DA FORMS 5 D 5-52, WHICH | -46, 5-47, ARE OBSO | 5-49, 5-50. Lete. | REAL PROPERTY RECO | | |
| | | | | | <u>.</u> | | | | |
| CATEGORY CO | | DESIGNATION | | | | | FACILITY NO. | | |
| 610-27 F | | | IN ADM BLDG. | | | | | | |

1-18-1941

USE-BARRELS.

3-19-47

Change to E.M. School

Bassem = 1968 1955

Change to Eir Adm. Bld.

Heat - sil

Central A/C 15 ton oil hot air heat - 1/6 H.P. hot water - 15 gallons

| 22. | | COST DATA | | |
|----------------|-------------------|---------------------------------------|--|--------------|
| VOUCHER NO. | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL |
| CR | 1/18/41 | | | \$8,750.00 |
| CR | 1955 | Alt. by P.E. for finance | | |
| 1787 D9 | 2/10/59 | THE OCCUPANT OF THE OCCUPANT OF DE | | |
| 58 D6 | 11/23/65 | 15 ton air condition Mod. 1416-ook \$ | 4.950.00 | |
| | | INVENTORY ADJUSTMENT | · | |
| · . | | | | |
| | 10/68 | 114-4' Fluorescent lights | | ' |
| | 3/68 * | | | \$14,800.00T |
| | 1968 | A. C. Jones Assoc Real Property S | urvey | |
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| CATEGORY | | DESIGNATION | FACILITY NO | |
| 4 47 (| D - 27 | FIN ADM BLDG. | T-441 | |

| | Relieber | | | |
|---|--------------------------|----------|-----------------------|-----------------------------|
| 1. STATION TORT MONMO | SUITH N. J. | 2. DESIG | M BAT | CE OFFICE |
| 3. DATE 4. DRAWING | | 1- | ACCOUNT CODE | 6. BUILDING NO. |
| | 8- MATERIA | | | SPACE HEATING |
| 8. MAIN BLDG. 55-6" 180'-0" | a. FOUNDATION | > = 7:5 | A. SOURCE | VEILIGUAL PLAN |
| b. OFFSETS | b. FLOORS WAS | | b. FUEL | COAL. |
| c. WINGS | C. WALLS | | 11. HOT | WATER FACILITIES HOTELE |
| d. BASEMENT | d. ROOF | | " | - L |
| e. ADDITIONS | 10. HO. OF USABLE FLOORS | 2 ~ | FIN GACHOO TEMP. | RISE 55 G.P. H. |
| 12. FIRE PROTECTION FACILITIES | 13-UTILITY CONNECTIONS | NO. | SIZE | CAPACITY |
| EATINGUISHERS | a. WATER | 1 | ے" | |
| | b. SEWER | 1 | S" | |
| 14. REMARKS FOR FILE-1 | c. ELECTRIC FLAD. | / | WELF PHAS | E 110-220 (3/2) |
| DM-3- ENV-6 V | d. GAS | | · | |
| ROOF TO HILLY 32.14 O SEV | e. STEAM | | | |
| S.P.E.C-D.E. 6' . | f. CONDENSATE | | | |
| DATE VOUCHER COMPLETED NUMBER | DESCRIPTION | | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
| ORIGINAL | BUILDING 250. 20 | 4 | 7-590-50-57 53-MEN | 4720-505 |
| 2552- 803 CONTRACT 8/19/2- W30- 075 ENG S | | | | C) C Color |
| | . / | | | APR 9 1951 |
| HS PER INVENT | REAL PROPERTY RECORD | | | X//6/500 |
| LANGE COLL SE LASS | REAL PROPERTY RECORD | - 001501 | CUN | 10/16/32 |

WD AGO FORM 5-47 1 NOV 1945

73 441

U- 49

| DATE COMPLETED | NONDER . | DESCRIPTION | DESIGNED CAPACITY | FLOOR AREA (Square Feet) |
|---------------------------------------|----------|------------------------------|----------------------|-----------------------------|
| | · | TOTALS BROUGHT FORWARD | | |
| · · · · · · · · · · · · · · · · · · · | | As Per Inventory | 12/29/53 148 | |
| | | cont | 100 | K. |
| · | | AS PER INVENTOR | JAN 1 0 1956 | Mil |
| | | ALT. BY PE 1955 FOR FINANCE | Est# 1000- | # |
| · | | | Total | \$ 9,750 |
| 080659 | 1787-09 | INSTALLATION & FIRE Dectact. | 7,11 | \$ 9,750 |
| - | | as Per Inventory | 20 FEB 1962 X | ; |
| | | <i>d</i> | | |
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U. S. GOVERNMENT PRINTING OFFICE: 1947 O - 706279

| OST FOX MON MON MOLEN, N. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. S. C. L. C. L. S. C. L. C. L. S. C. L. C. L. S. C. L | TURES POST BUILDING NO. 7-44/ |
|--|--|
| SIZE: MAIN BUILDING 29-6X & D WINGS NOTE HOW HEATED IN CITY OF A PLANATA FIRE PROTECTION FACILITY OF FLOORS INCLUDING BASEMENT TWO HOT WATER—C | PLAN NO. 700-116511 BASEMENT - LITIES - TYPE Extinguishers APACITY GALLONS 55 G.P.H. |
| WATERIALS: FOUNDATIONS CONCRETE FLOOR NOOD WALLS NOOD ROOF 17011 Troofing on Wood (No CA | UTILITY CONNECTIONS NUMBER SIZE OR CAP. WATER SEWER FLECTRIC GAS WATER JO-220 V GAS |
| PODEING AREA . 32,19/6 S.S.V | |
| OND KED FILE DAS FOLD DE CHANGES - ADDITIONS | S (IN BLACK) DELETIONS (IN RED) |
| DATE COMPLETED REFERENCE CAPACITY ABOVE BASEMENT OR VALUE | REMARKS ORIGINAL BUILDING |
| Spac. DE 6 1 3/19/47 1528-203 Contract # W 30-075- Cry 2848 | Alterations to existing Bldgs for E.M. Sah, of. TOTALS CARRIED FORWARD |
| WAR DEPARTMENT — O.C.E. FORM NO. 432 SEPT. 15, 1942 | *INCLUDES PROPERTY ORIGINALLY INSTALLED U- 49 |

| DATE OMPLETED | REFERENCE | DESIGNED CAPACITY | | BASEMENT | COST OR VALUE | | | MARKS | |
|------------------|--|-------------------|--|--------------------------|------------------|--------------|-------------|-------------------|---------------------------------------|
| | · | | | | | | TOTALS BRO | OUGHT, FORWARD | A a |
| | | , | | | | AS PER IN | MEILIOUS | OUGHT FORWARD | HOER |
| | i | | | | | | • | 7/: | 1 |
| | | | 7 | Resolution of the second | | A THE TH | PRINTER | 3/1/49 | 94FT |
| | | | 1 | ैं | | | | 11/17 | |
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| | 7- | | | | MAINTENANCE COS | STS | | | |
| YEAR | TOTAL CO | | ST PER Q. FT. | YEAR | TOTAL COST | COST PER | YEAR | TOTAL COST | COST PER |
| | | | | | `` | | | | · · · · · · · · · · · · · · · · · · · |
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| | | | | | | | • | • |
|-----------------|--------------|-----------------|----------|---------------------------------------|--------------------------------------|--------|----------------------------------|--|
| 1. FACILITY NO. | 2 | . DESIGNATION | ب بق سعد | 3. CATEGORY | CODE 4. DE | ESIGNE | ED CAPACITY 8. TOTAL AREA | |
| T-445 | . [| Fin Adm B | ldg | 61027 | In | t. | 4590 s.f. 4720 sq. ft. | |
| 6. UNIT OF MEAS | URE | 7. DRAWIN | G NO. | | 8. MAP NO. | | 9. LEASED X OWNED | Addone |
| S.F. | | 700-1 | 165 | | | T-4 | | 1-18-1941 - Barnock USE - E.M School, 1 |
| 10. AIR | CONDITIO | NING | 16. | FIRE PRO | TECTION | | 18. TYPE OF CONSTRUCTION | 1-18-1991 = 6000 |
| a. TYPE 2 T | window | type | a. NU | MBER 2 S | oda & aci | .d | PERM SEMI-PERM X TEMP | |
| b. CAPACITY | 3 ton | unit(app | rox i, | PE Extin | guishers | | 19. BUILDING DIMENSIONS | USE - E.M JChool, 1 |
| c, SQ YD AIR (| COND | | 17. | MATE | RIALS | | 8. MAIN BLDG 29 6" X 80 0" | |
| 11. | HEATING | 1/6 h.p. | a. FO | UNDATION | concrete | | b. Offsets | |
| a. source T | ndivid | lual Plant | b. FL | Doow Wood | w/tile | | C. WINGS | |
| b. FUEL | oil (| (hot air) | C. WA | LLS WOOd~ | gypsum-sh | eat | ning ASEMENT | Assume 1968 1955 USE Changed to |
| | ATER FAC | | d. RO | °F Roll | roofing o | n w | DOM ATTIC | 1000 me and |
| 8. CAPACITY | <u>15 ga</u> | llons | e. SU | rface Woo | đ | 1, | 20. TYPE OF CARD | Use Changed to |
| b: TEMPERAT | | | f. BA | CONCL | ete | | □ BLDG □ MISC STR | Use Commission 15 |
| 13. NO. USABLE | FLOORS | 14. OTH | ER MEA | SUREMENTS | | | UTIL DIST SYS RAILROAD | Financial Adm. Blog |
| two | | | | | ··· | | LAND SURFACED AREAS | 1 Numeral Mam, Didg |
| 15. | וודט | LITY CONNECTION | NS | | 21. REMARKS | 3 | | |
| <u> </u> | NUMBER | | | CAPACITY | Mon | mou | th Area | |
| a. WATER | 1 | 2" | | | Roofing | ,Ar | ea 32.19 sq ss | |
| b. SEWER | ' 1 | 5" | | | _ | | no canopy | |
| c. ELECTRICITY | 1 | | 1 | 10-220v | _ | | | |
| d. GAS | | | _ | <u> </u> | _ | | | |
| e. STEAM | | | | | 4 | | | |
| f. CONDENSATE | | | | · · · · · · · · · · · · · · · · · · · | | | Cally March Strage of | W- |
| DA FORM 2877 | \$ GPD : 1 | | | | -46, 5 -47, 5 -49, 5 RE OBSOLETE. | 3-50, | REAL PROPERTY RECORD (AR 735-27) | |
| | | | | | | | | |
| CATEGORY CO | DE | DESIGNATIO | | | | | FACILITY NO. | |
| 61027 | | FIN A | DM B | LDG | | | T-445 | |
| | | | | | | | • | 1/0-4 |
| | | | | | | | | Heat - oil |

r regional destructions at a

Oil hot air heat 1/6 h.p. Hot Water - 15 gallons

l window air conditioning unit
 model 1615-3-142
 Chrysler
 Ser Tag 5380

l air conditioner - Central from Window unit

 $2-1/2 \times 2-1/2 \times 2-1/2$ disconnected BTU not available

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| 22. | | COST DATA | | |
|------------------|-------------------|------------------------------------|-------------------|-------------|
| VOUCHER | DATE COMPLETED | DESCRIPTION OF CHANGE | COST OF CHANGE | TOTAL |
| SAC DE6 | 1/18/41 | | | \$8,750.00 |
| 32FY 58 | | Installation of fire detection | | 7.5000 |
| 1787 - D9 | 2/10/59 | | \$1,311.84 | · |
| | 10/68 | Fluorescent lights 113-4' | | |
| | 3/68 | | | \$9,800.001 |
| | 1968 | A.C. Jones AssocReal Property Surv | ey | |
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| CATEGORY C | ODE | DESIGNATION | FACILITY NO. | |
| 61027 | - | FIN ADM BLDG | Ψ_441 | ± |

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|--------------|--|--|--|---|----------------------|---|--|
| 1. STATION | =- N | lonm | the state of the s | 2. DE | SIGNATION | SM. | ENANCE OFFICE. |
| 3. DATE | 4111250 | 4. DRAWING | NO. | | ST ACCOUNT CON | DE | 6. BUILDING NO. |
| 7. | DI MENSIONS | | 8. HATERI | | <u> </u> | 9. SP | ACE HEATING |
| a. MAIN BLDG | . 80/-6" | V 820'-0" | 8. FOUNDATION | - E | TEV | a. SOURCE | LUQUAL PLAN |
| b. OFFSETS | | -1 | b. FLOORS | | | b. FUEL | -Hotein |
| c. WINGS | | · · · · · · · · · · · · · · · · · · · | C. WALLS IN CO. | SVP | SUM-SHEA | | TER FACILITIES |
| d. BASEMENT | | | d. ROOF | | | A CARACITY | |
| e. ADDITION | 5 | | 10. HO. OF USABLE FLOOR | S | FINGONW | b. TEMP. RI | |
| 12-FIRE PRO | TECTION FACILI | TIES | 13-UTILITY CONNECTIONS | NO. | 5.1 2 | E | CAPACITY |
| LATING | BUISHEFT! | s. V | D. WATER | ۹۹ | , - / - ' | | |
| | | | b. SEWER | 1 | 500 | | |
| u. Remarks | ONE C | ep. ej.s | c. ELECTRIC | / | SINGLE | PHASE | 110- 220 34 |
| | OMPENT. | | | 1 | | | |
| Roominia F | TREA 32.1 | 940 55 2 | e. STEAM | | | · . | |
| | No CAUS | <u> </u> | f- CONDENSATE | | <u> </u> | • • | |
| COMPLETED | YOUCHER NUMBER | | DESCRIPTION | | | IGNED NCITY | FLOOR AREA (Square Feet) |
| | عرن- عرص | <i>QRIGINAL</i> | BUILDING | / | | N7-59-17 | 1 |
| | in the state of th | | 37 4 8 750.00 | <u>. </u> | 63-1 | IEN - | 4720-EX-5A-F |
| She de | 75 29. 20 | 1000 | TPRACT W-30-0 | | | | |
| 77 | | 1 1 1 1 1 | / GC/ W-3050 | <u>-) </u> | | - 7161 | |
| | ٠ ج جي چر ح | カンロジア | D 18/11/9 | 27 <i>(</i> 3 | 3/2/20 | (3) | APR 9 |
| inne d' | | ويأجد أوقد بداد الباهد | REAL PROPERTY RECORD | - BUI | LDINGS | 7 | 10/16/52 |
| WD AGO FORM | 5-47 | | | | | - 1 | |
| 1 NOV 1945 | J-41 | | 7 41 | 4 | ٠, | | · 4- |

| DATE COMPLETED | Voucher Number | Description | DESIGNED CAPACITY | FLOOR AREA (Squero Foot) |
|-------------------|-------------------|---------------------------------------|----------------------|---------------------------------------|
| 1 12.32 | 27.4 | TOTALS BROUGHT FORWARD | ONE SOLIT | (Square Peet) |
| | | AN Par Inventory | 12/28/30 MP. | |
| | | | 1954 | J.S. |
| | | ES PER INVENTORY | 10N 7 A 1956 | |
| | | ANT BY PE FOR FINANCE 1955 | 生くて、 | \$ 1,000- |
| 10 / 65 | PE132(P553) | Installation of Fine Detection System | Total | \$ 9,750 |
| 012807 | 1181-09 | as Per Irrentry | 2 0 FEB 1962 Q | 1,311.84 |
| | | 20 Sovembry | 20 FED 1302 | |
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U. S. GOVERNMENT DEDUTENCE

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| | M. Scho | 0. | | POST B | UILDING NO. 10. <i>700 -</i> | 1 -445- 1165 |
|----------------------------------|--------------|---|---|----------------------------------|--|-----------------|
| ZE: MAIN BUILDING 2 | 1.6 X 80. | - WINGS | Hone | | | |
| OW HEATED INCHES | | | IRE PROTECTION FA | BASEME CIUTIES — TYPE — EXTIN | Sur L | |
| D. FLOORS INCLUDING | SASEMENT | WOV | HOT WATER | CAPACITY GALLONS | 55 6 p | Ja a |
| ATERIALS: | | • • • | | UTILITY CONNECTIONS | | |
| FOUNDATIONS | onerete | レ | *********** | | NUMBER | SIZE OR CAP |
| FLOOR WOOd | 8 7 | 0 | | WATER SEWER | | 2/ |
| WALLS Wood ROOF ROLL RO | s. Gyp | Jum - Shea | th 32./9 | ELECTRIC . | _/ | 5-6- |
| | etany on | Wood | | CACH | | 110-220 |
| | | | No CAL | VOPHAM | The state of the | |
| 12 | | 40 × 10 × 10 × 10 × 10 × 10 × 10 × 10 × | REMARKS | | er ya saaray ya eeye Tarees aa aa aa aa | |
| ROSFING AL | | | s I V | | | |
| Comp Rep. | File -1 | Dr. 3 ENV. | | | | 30.00 |
| 1-1-1- | ORIGINAL CON | Dr. 3. ENV | -5 -2 | | | |
| DATE | E DESIGNED | SQ. FT. FLOOR AREA | TANGES — ADDITION | S (IM BLACK) — DELETIONS (IN | RED) | |
| OMPLETED REFERENCE | | ABOVE BASEMENT | COST. | RF. | AARKS: | |
| | 63 Men | | | | | |
| | / | 7 | 1 1 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | E BUILDING | |
| Special | 6 | | | | | 7 6 7 7 |
| 18-41 Spec-De 19/47 7529-2 | 6 Contract | W-30-075 | CH + 294 P | Alteration to BIL | and No. 12 to 12 t | |

The state of the s

| DATE COMPLETED | REFERENCE | DESIGNED CAPACITY | SQ. FT. FLOOR ARE, ABOVE BASEMENT | COST OR VALUE | 1 | | REMARKS | |
|---------------------------------------|------------|-------------------|--------------------------------------|------------------|--------------------|---------|---|-----------|
| | | | | Total | AS PER | TOTALS | BROUGHT FORVER | |
| | | | | | | NVENTOR | 1777 | 34 |
| | | | | | AS PER | IMVENT | ORY 1/17/5 | o HA |
| | | er. | | 6.65-7 | | | | |
| | | | | | | | | |
| | | | | | | | 7 (1 mg) | |
| | | | | | | | | 100 miles |
| AR | | | | AINTENANCE COST | Sole of the second | | | |
| | TOTAL COST | COST P SQ. FT | YEAR | TOTAL COST | COST PER SQ. FT. | YEAR | TOTAL COST | COST PER |
| 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Mr. Land | | | | | | To See Section 1985 | SQ. FT. |
| 4 | | 4 | | | | | | |