

APPENDIX 'A' - LOGS OF BORINGS AND TEST DATA

GENERAL NOTES:

- 1. GROUNDWATER DEPTHS OR ELEVATIONS SHOWN ON THE BORING LOGS REPRESENT GROUNDWATER ENCOUNTERED ON THE DATES SHOWN. ABSENCE OF GROUNDWATER DATA ON CERTAIN BORINGS IMPLIES THAT NO DATA IS AVAILABLE. BUT DOES NOT NECESSARILY MEAN THAT GROUNDWATER WILL NOT BE ENCOUNTERED AT THE LOCATIONS. GROUNDWATER ELEVATIONS VARY AND SEEPAGE ABOVE THE DEPTHS OR ELEVATIONS SHOWN CAN BE EXPECTED AT ANY TIME.
- 2. WHILE THE BORINGS ARE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT THEIR RESPECTIVE LOCATIONS AND FOR THEIR RESPECTIVE VERTICAL REACHES, LOCAL MINOR VARIATIONS IN CHARACTERISTICS OF THE SUBSURFACE MATERIALS ARE ANTICIPATED AND, IF ENCOUNTERED, SUCH VARIATIONS WILL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THE DESCRIPTION SHOWN WITH THE LOGS OR PROFILES.
- 3. SOILS ARE CLASSIFIED IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM, ASTM-D-2487, CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES.
- 4. DRIVING RESISTANCES (BLOW COUNTS OR N VALUES) ARE DETERMINED WITH A STANDARD SPLIT SPOON SAMPLER (1-3/8" I.D.) AND A 140-LB DRIVING HAMMER WITH A 30" DROP UNLESS OTHERWISE NOTED ON THE BORING LOGS. N VALUES SHOWN NUMERICALLY ON THE LOGS ARE THE SUM OF BLOWS FOR THE LOWER TWO OF THREE 0.5-FOOT DRIVES THAT MAKE UP THE 1.5-FOOT STANDARD PENETRATION TEST. EXCEPT WHEN REFUSAL OCCURS. REFUSAL OF THE SPLITSPOON IS DEFINED AS 50 BLOWS IN LESS THAN A 0.5-FOOT DRIVE. REFUSAL IS SHOWN ON THE LOGS AS INDICATED IN THE FOLLOWING EXAMPLES:
- 50/0.3' INDICATES 50 BLOWS (REFUSAL) AFTER 0.3' PENETRATION IN THE FIRST DRIVE.
- 20, 50/0.2' INDICATES 20 BLOWS IN THE FIRST DRIVE AND REFUSAL AFTER 0.2' PENETRATION IN THE SECOND DRIVE.
- 20. 85/0.8' INDICATES 20 BLOWS IN THE FIRST DRIVE, 35 BLOWS IN THE SECOND DRIVE AND REFUSAL (50 BLOWS) AFTER 0.3' PENETRATION IN THE THIRD DRIVE.
- 5. "MAX SIZE" OF GRAVEL OR ROCK FRAGMENTS SHOWN ON THE BORING LOGS REPRESENTS THE MAXIMUM SIZE OF MATERIAL RECOVERED IN THE DRIVE SAMPLER AND/OR CORE BARREL OR OBSERVED FROM AUGERING UNLESS OTHERWISE NOTED. NOTE THAT THE MAXIMUM LOGGED SIZE OF GRAVEL OR ROCK FRAGMENTS IS LIKELY TO BE SMALLER THAN THE MAXIMUM SIZE OF THE IN-PLACE MATERIAL. ESPECIALLY WHEN THE MAXIMUM LOGGED SIZE IS MORE THAN APPROXIMATELY ONE-HALF THE DIAMETER OF THE DRIVE SAMPLER OR CORE BARREL. OR MORE THAN ONE-THIRD THE DIAMETER OF THE AUGER.
- 6. CLASSIFICATIONS SHOWN IN COLUMN D OF THE BORING LOG FORM ARE THE DRILLING INSPECTOR'S FIELD VISUAL CLASSIFICATION OF SAMPLES UNLESS OTHERWISE INDICATED ON THE LOG. WHEN AVAILABLE, LABORATORY CLASSIFICATIONS OF SAMPLES ARE SHOWN IN COLUMN G (REMARKS COLUMN) UNLESS OTHERWISE INDICATED.

SOIL CLASSIFICATION LEGEND

COARSE-GRAINED SOILS - MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE

FINE-GRAINED SOILS - MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE

GW 0.0

WELL GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES

INORGANIC SILTS AND VERY
FINE SANDS, ROCK FLOUR,
SANDY SILTS OR CLAYEY SILTS
WITH SLIGHT PLASTICITY

GP ...

POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES. LITTLE OR NO FINES MH INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTY SOIL, PLASTIC SILTS

GM

SILTY GRAVELS. GRAVEL-SAND-SILT MIXTURES OL ORGANIC SILTS AND ORGANIC SILT-CLAYS OF LOW PLASTICITY

GC

CLAYEY GRAVELS. GRAVEL-SAND-CLAY MIXTURES OH ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS

SW Sw

WELL GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES

INORGANIC CLAYS OF LOW TO
MEDIUM PLASTICITY,
GRAVELLY CLAYS, SANDY
CLAYS, SILTY CLAYS,
LEAN CLAYS

SP ...

POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES

CH INORGANIC CLAYS OF HIGH PLASTICITY. FAT CLAYS

SM

SILTY SANDS, SAND-SILT MIXTURES

PT PEAT AND OTHER HIGHLY ORGANIC SOILS

SM-H

SAME AS ABOVE WITH HIGH LIQUID LIMIT

sc (

CLAYEY SANDS, SAND-CLAY MIXTURES

SC-H

SAME AS ABOVE WITH HIGH LIQUID LIMIT

BITUMEN. ASPHALT. OR ASPHALTIC CONCRETE

NOTE: DUAL CLASSIFICATIONS, E.G. SP-SM, GP-GM, ML-CL AND SM-SC, ARE SHOWN BY PLACING BOTH SYMBOLS SIDE BY SIDE.



CONCRETE

ROCK CLASSIFICATION LEGEND



SANDSTONE



RHYOL I TE



SILTSTONE OR CLAYSTONE



BASALT



SHALE



GRANITE



CEMENTED SHALE



GNEISS



LIMESTONE



CONGLOMERATE



DOLOMITE



CHERT



SCHIST



COAL



PHYLLITE



SHELL, SHELL FRAGMENTS, OR SHELL-SOIL MIXTURE CONSISTING MOSTLY OF SHELL



QUARTZITE



WOOD



NOT SAMPLED OR SAMPLE NOT RECOVERED



VOID (CAVITY,
OPEN JOINT, ETC.)

ABBREVIATIONS

ABBREVIATIONS

| ADDKE VIAI | AT ACCUMULATED ALTERNATING ANGULAR APPROXIMATE (LY) ARGILLACEOUS AUGER AVERAGE BASE OF ALLUVIUM BREAKAGE INTERVAL BOTTOM OF HOLE BARREL BED (ED) (DING) BEDROCK BENTONITIC BEIGE BLOCKY BLACK (ISH) BOULDER BROWN (ISH) BRECCIATED BROKEN. BREAKAGE CORRECTED DEPTH CALCITE. CALCAREOUS CAVITY COBBLE CEMENT CHERT CIRCULATION CLAYEY CEMENTED CONCENTRATION (S) CONGLOMERATE CONCINCET CONCETE CONCRETIONS CONGLOMERATE CONTINUED CRUMBLY COARSE COATED DENSE DEPTH DRILL ACTION DRILL TIME DRILL WATER RETURN DECOMPOSED DIAGONAL DISSEMINATED DARK DOLOMITE. DOLOMITIC DRILLING | ADDKEVIAI | IUNS |
|------------|--|--------------|--------------------------------|
| @ | AT | FOLIA. | FOLIATION |
| ĀCCUM | ACCUMUL ATED | FOS | FOSSIL (IFEROUS) |
| | AL TERMATIME | EBAC | FRACTURE |
| ALT | ALTERNATING | FRAC | FRACTURE |
| ANG | ANGUL AR | FRAG | FRAGMENT (S) |
| APPROX. | APPROXIMATE (LY) | <u>G.</u> W. | GROUNDWATER |
| ARGIL | ARGILL ACEDUS | GEN. | GENERALLY |
| | ALICED | GL AU | GLAUCONITE (ITIC) |
| AUG | AVEDACE | GR | GRAY (ISH) |
| AVG | AVERAGE | ĞRΔ | GRAIN (ED) |
| B.A. | BASE OF ALLUVIUM | GRAD | GRADATIONAL |
| B. I. | BREAKAGE INTERVAL | CRN | GREEN (ISH) |
| В.О.Н. | BOTTOM OF HOLF | CPT | GROUT |
| BBL | BARREI | CVI | |
| BDD | BED (ED) (DINC) | CVL | GRAVEL (LY) |
| | DED (ED) (DINO) | GYP | GYPSUM |
| BDR | DEURUCK | H/A | HIGH ANGLE |
| BENT. | BENTUNTITO | H\(^R\) | HAMMER BREAK |
| BGE | BEIGE | HD | HARD |
| BKY | BLOCKY | ΗĮ | HIGH (LY) |
| BL | BLACK (ISH) | HLD | HEALED |
| BLD | BOULDER | HMR | HAMMER |
| BR | BROWN (ISH) | HOR | HORIZONTAL |
| BREC. | BRECCIATED | HYD | HYDRAUL IC |
| BRK | BROKEN. BREAKAGE | INCI | INCLUDING (ED) |
| C.D. | CODDECTED DEDTH | INDT | INDURATED |
| CAL CAL | CALCITE CALCADEOUS | INUI | INDURATED |
| | CADDONACEOUS | INII | INITIAL (LY) INTERBED (DED) |
| CARB | CARBUNACEUUS | INTROD | INTERBED (DED) |
| CAV | CAVITY | INILAM | INIEKLAMINAIEU |
| CBL | COBBLE | IRŖ | IRREGULAR (LY) |
| CEM | CEMENT | JT'S | JOINT'S |
| CHT | CHERT | JTD | JOINTED |
| CIRCLE. | CIRCULATION | L.C. | LOSE CORE |
| CLY | CLAYEY | L.D.W. | LÖST DRILL WATER |
| CMT'D | CEMENTED | L/A | LOW ANGLE |
| CNTR (S) | CONCENTRATION (S) | LAB. | LABOR |
| COMP | COMPACT | ΙΔM | LAMINATED. LAMINA (NAE) |
| CONC | CONCRETE | LAY. | LAYER |
| CONCR | CONCRETIONS | LEA | LEACHED |
| CONGL | CONGLOMERATE | LCA | |
| CONT. | CONTINUED | LUE | LARGE |
| CR'D | CRUSHED | L I G | LIGNITIC |
| CRM | CRUMBLY | LIT | LITTLE |
| CSE | CDARSE | LL | LIOUID LIMIT |
| ČŤĎ | COATED | LN. (S) | LENSE (S) |
| Ď. | DENSE | in | LOOSE |
| d. | DEPTH | īš | LIMESTONE |
| D.A. | DRILL ACTION | īŤ | LIGHT |
| Ď.Ť. | DRILL TIME | MAS | MASSIVE |
| D.W.L. | DDILL WATER LOSS | MAY | MAXIMUM |
| D.W.R. | DDILL WATER DETURN | MECH | MECHANICAL |
| DECOM | DECOMPOSED WEIGHT | MECH | MEDIUM |
| | DIACONAL | MED | |
| DIAG | DIAGUNAL | WIC | MICACEOUS |
| DIS. | DISSEMINATED | MIN | MINIMUM |
| DK | DARK | MINK | MINERALIZED (IZATION) |
| DOL. | DOLOMITE . DOLOMITIC | MIX. | MIXTURE |
| | DD111 INC | MOD | MODERATE (D) |
| DRL | DRILLING | MOT | MOTTLED (ING) |
| DSTG | DISINTEGRATE (D) | MŠT | MOIST |
| EL | ELEVATION | MTL | MATERIAL |
| ENC | ENCOUNTERED | MTX | MATRIX |
| EST | ESTIMATE (D) | N/A | NOT APPLICABLE |
| EXCL | EXCLUDING | N/E | NOT ENCOUNTERED |
| EXTR | EXTREMELY | N/R | NO RECOVERY |
| F. | FINE (LY) | NOD. | NODULE |
| F.R. | FLUID RETURN | NUM | NUMEROUS |
| F/T | FISHTAILED | OB | OVERBURDEN (UNCLASSIFIED) |
| | | OBS | OBSERVED |
| FE | IRON | OCC | OCCASIONAL (LY) |
| FERR | FERRUGINOUS | OOL | OOLITE. OOLITIC |
| FIS | FISSILE | OP | OPEN (ED) |
| FLD | FILLED FORMATION | ÓR | ORANGE |
| FM | F UKMA I JUN | | |
| | | | |

ABBREVIATIONS

| ORG P.S.I. P.T. PCS PERTRO PHOS PIT PKT (S) PL PLA PLAS PLN | ORGANIC POUNDS/SO. IN. PRESSURE TEST PARTIALLY PIECES PETROLEUM, PETROLIFEROUS PHOSPHATE (PHOROUS) PLASTICITY INDEX PIT (TED) (TING) POCKET (S) PLASTIC LIMIT PLATY PLASTIC PLANE |
|--|---|
| PNK PR PRED PRESS PROB PTC PTG PUR OTZ | PINK POORLY PREDOMINATED PRESSURE PROBABLE (ABILITY) PARTICLES PARTING PURPLE OUARTZ |
| OTZE R.O.D. RBL RD REC RECEM RND RTS S/S SAP | OUARTZITE ROCK QUALITY DESIGNATION RUBBLE RED (DISH) RECOVERY RECEMENTED ROUND (ED) ROOTS SPLIT SAPROLITE |
| SAT SCAT. SCH (S) SDY SH SI SIS SIY | SATURATED SCATTEREDLY SCHIST (OS) SAND SAND SANDY SHALE SILT SILTSTONE SILTY SLIGHT (LY) |
| SLCES SLICK. SML SO SOC SPG SPT SPT SS STE | SILICEOUS SLICKENSIDE SMALL SOFT SOLUTION (ED) (ING) SPECIFIC GRAVITY STANDARD PENETRATION TEST STANDARD SPLITSPOON SANDSTONE STRAIN (ED) (ING) |
| STF STR STRG STYL SUR T.F.R. T.O.R. T.S.R. TEXT. THK THK TH | STIFF STRUCTURE STRINGER STYLOLITE (OLITIC) SURFACED TOP OF FIRM ROCK TOP OF ROCK TOP OF SOUND ROCK TEXTURE THICK THIN TIGHT |
| TN TR TRP | TAN (NISH) TRACE TRIPOLI |

UD UNDISTUBED
UL UNACCOUNTABLE LOSS
UNACC UNACCOUNTABLE
UNWEA UNWEATHERED
V/ VERY
VERT VERTICAL
VGY VUGGY
W.C. WATER CONTENT
W.L. WATER LEVEL
W/ WITH
W/H WEIGHT OF HAMMER
W/R WEIGHT OF ROD
WD WOOD
WEA WEATHERED
WG WEIGH
WHITE
X-BDD CROSS-BEDDED
XL CRYSTAL
XLN CYRSTALLINE
YEL YELLOW

Project I.D. MSE00180 Boring Designation T7HE-1-22

| DRI | LLIN | G LC | og | DIVI | SION | So | uth Atlantic | IN | IST/ | ALL | ATION | Mobile | District | · I | SHEET S | | ETS | |
|------------------|--------------------|---------|-----------------|------------------|-----------------------|---------------------|-----------------------------|----------|------------------|-----------------|-------------|---------------------------------------|----------|---------------|-----------|---------|---------|-----------------|
| PROJ | | | | | | | | LAT | /LONG | COOR | DINATES | LAT = 33.62 | 29134° | LONG | = -88.4 | 398 | 11° | |
| Ha | angar A | dditic | on and E | gress | Buildin | g | | STA | TE PLA | NE CO | ORDINATE | S X = 1,10 | 04,036 | Y = 1, | 502,237 | 7 | | |
| DATE | ОГ ВО | RING | | | STAR 03-20 | | COMPLETED 03-20-23 | | | | STEM/DATU | JM/UNITS U.S. Surve | , Et | HORIZ NAD8 | | /ER | | |
| DRILI | LING AC | SENC | Υ | Corps | of Engi | | | | | ATIO | | TOP OF BOI | RING | GRO | UND WA | TER | _ | |
| | | | ELD INSPE | | Jg. | | E OF DRILLER | | | | | 204.0 Fe | III _ | 19 | 98.4 Fe | | | |
| | | | Seotechnic | cal En | | | ddie Woods | С | ME-75 | <u> </u> | | | | | UAL HAI | | R | |
| | TION OF VERTICA | | IG] INCLINE | ĒD | DEG. F VERT | ROM | BEARING | SIZI | E AND | TYPE C | OF BIT | See Re | marks | | | | | |
| тніск | NESS OF | FOVER | RBURDEN | | N/A | | | тот | AL NU | MBER (| CORE BOX | ES 0 | | | | | | |
| DEPTH | і то тор | OF RO | оск | | N/A | | | тот | AL SA | MPLES | DIST | TURBED 16 | UNE | DISTURB | ED (UD) | 0 |) | |
| TOTAL | . DEPTH | OF BO | RING | | 24.0 Fe | et | | тот | | COVER | Y FOR BOR | RING 96 (| % | | | _ | | |
| ELEV. | DEPTH | LEGEND | | CLASS | IFICATIO | N OF MA | TERIALS | REC. | BOX OR SAMPLE | RQD OR UD | ADVAN ME | ICEMENT THOD | RE | MARKS | i i | 0.5 FT. | N-VALUE | |
| 204.0 | 0.0 | | | | | | | | | | | | | | | | | _0 |
| - | | | | | | | ed with silt, nd-sized | | | | | | | | | 1 | | - |
| - | ļ | | quartz, | , some | silt, mo | ist, brov | /n | 93 | 1 | | SPT S | Sampler | | | , | 5 | | F |
| - | <u> </u> | | | | | | | | | | | | | | | 3 | 13 | -1 - |
| - | _ | | | | | | | | | - | | | | | \vdash | 0 | | - |
| - | [| | | | | | | | | | | | | | \vdash | | | _ 2 |
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| - | <u> </u> | | | | | | | | | | | | | | 1 | 3 | | - -3 |
| 200.6 | 3.4 | | | | | | | | | | | | | | 4 | 1 | | F ~ |
| - | Ī. | | fine-gra | ained s | | loose, n ed quar | nostly tz, some clay, | 100 | 3 | | SPT S | Sampler | | | [; | 3 | | F |
| - | | | reddish | n orang | ge | | | | | | | | | | | 2 | 5 | ⊢ 4 - |
| 199.2 | 4.8 | | | | | | | | | 1 | | | | | | 'H | | Ė |
| - | _ | | (SM) S | SAND, ained s | silty, ve sand-siz | ry loose ed quar | e, mostly tz, some silt, | 100 | , | | CDT (| | | | \vdash | | | -5 |
| ▼ | - | | wet, lig | | | | , | 100 | 4 | | 5913 | Sampler | | | \vdash | l — | 4 | F |
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| - | <u> </u> | | | | | | | | | | | | | | L | _ | | Ė |
| - | - | | | | | | | 100 | 5 | | SPT S | Sampler | | | | 2 | 0 | |
| - - 7 | F | | | | | | | | | | | | | | | ı | 3 | ⊢ 7 - |
| <u>-</u> - | <u> </u> | | | | | | | | | 1 | | | | | - | | | F |
| - | <u> </u> | | | | | | | 93 | 6 | | SPT S | Sampler | | | | Ή. | | -8 - |
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| - | Į. | | | | | | | | | - | | | | | \vdash | 2 | | - -9 |
| 104 2 | 0.7 | | | | | | | 100 | 7 | | SPT S | Sampler | | | _ | 3 | | ļ. |
| 194.3 | 9.7 | • • • • | (SP) S | SAND, | poorly-g | ıraded, ı | medium, mostly | _ | | | | | | | 1 | 1 | | \mathbb{L}_1 |
| SAM F AUG 201 | | 1836 | | TER RILLING | ▼ DU DF | IRING ' | ☑ (| Continue | ed) | | E | Boring Des | signatio | on T | 7HE-1 | -22 | 2 | 1 |

Boring Designation T7HE-1-22

| | | | | | | | | oring Designation | ,,, | 'HE-1-2 | | | - |
|-------------|--------------|-----------|---|------------------|--------|------------------|-----------------|-----------------------|------------|---------------|-------------------|---------|---|
| DR | ILLIN | G LO | OG (Cont. Sheet) | INSTALL Mobil | | | | | | SHEET OF 3 | | ETS | |
| PROJEC | т | | | COORDIN | | | M/DAT | JM | HORIZONTAL | | TICAL | | 1 |
| | | tion ar | nd Egress Building | 1 | | | | - U.S. Survey Ft. | NAD83 | ı | VD88 | | l |
| OCATI | ON COOF | RDINA | res | ELEVATI | ON TO | P OF E | BORING | 3 | | | | | 1 |
| X = . | 1,104,03 | 6 Y | z = 1,502,237 | 204.0 | Ft. | | | | | | | | 1 |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | | ĸč. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | REMARK | (S | BLOWS/ 0.5 FT. | N-VALUE | |
| - | | | fine-grained sand-sized quartz, few sili moist | t, | 100 | 7 | | SPT Sampler | | | 15 | 26 | Ė |
| - | | | At El. 193.4 Ft., loose, mostly fine-gra sand-sized quartz, some gravel, few s | ined ilt, wet | | | | | | | 21 | | Ŀ |
| - | | | | | 100 | 8 | | SPT Sampler | | | 23 | 48 | ŀ |
| - | - | • • • • • | | | | | | | _ | | 25 | | Ł |
| - | | | | | | | | | | } | 8 | | ŀ |
| - | | | | | 100 | 9 | | SPT Sampler | | } | 9 | 19 | |
| - | | | | - | | | | | - | } | 28 | | F |
| - | - | | | | 100 | 10 | | SPT Sampler | | ŀ | 33 | | F |
| - | | | | | | | | | | İ | 34 | 67 | ŀ |
| 88.8 | 15.2 | 0 | (GW) GRAVEL, well-graded, mostly of | coarse | | | | | 1 | Ī | 23 | | F |
| - | | 0 | gravel-sized gravel, some medium-gra sand-sized quartz, trace silt, orange bi | ained rown | 100 | 11 | | SPT Sampler | | | 30 | 57 | E |
| | | 0.0 | | | | | | | | | 27 | | F |
| - | - | 0 | | | | | | | | - | 15 | | - |
| - | † | 0 | | | 87 | 12 | | SPT Sampler | | - | | 35 | - |
| - | | 0.0 | | } | | | | | - | } | 16 | | F |
| - | | 0 | | | 93 | 13 | | SPT Sampler | | - | 8 | | ŀ |
| - | - | 0 | | | | | | | | ŀ | 8 | 16 | - |
| - | † | 0 0 | | İ | | | | | 1 | İ | 6 | | Ė |
| - - 83.4 | 20.6 | 0.0 | | | 93 | 14 | | SPT Sampler | | | 10 | 17 | F |
| - - | | | (ML) SILT, inorganic-L, loose, mostly few fine to medium-grained sand-sized | silt, | | | | | | | 7 | ., | ŀ |
| | | | quartz, moist, red orange At El. 182.6 Ft., medium, mostly silt, for | ew | | | | | | | 7 | | ŀ |
| - | - | | fine to medium-grained sand-sized quagray | artz, | 100 | 15 | | SPT Sampler | | - | | 22 | ŀ |
| | | | | } | | | | | - | } | 14 | | F |
| - | <u> </u> | | | | 87 | 16 | | SPT Sampler | | } | 9 | | F |
| | ORM 1 | ШШ | A AFTER ▼ DURING ▽ DRILLING □ | | ntinue | | | | | | | 22 | ŀ |

Boring Designation T7HE-1-22

| DRILLING LOG (Cont. Sheet) Mobile District of 3 | | T7HE-1-22 | |
|---|--|------------------------|--|
| PROJECT Hangar Addition and Egress Building State Plane - MS East - U.S. Survey Ft. NAD83 NA LOCATION COORDINATES X = 1,104,036 Y = 1,502,237 ELEV. DEPTH | RILLING LOG (Cont. | SHEET 3 | |
| Hangar Addition and Egress Building State Plane - MS East - U.S. Survey Ft. NAD83 NA COCATION COORDINATES X = 1,104,036 Y = 1,502,237 ELEV. DEPTH CLASSIFICATION OF MATERIALS NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Borehole grouted with 3 bags of Portland cement. 3. Borehole coordinates obtained using handheld GPS. 4. Borehole elevations estimated from | | OF 3 SHEE AL VERTICAL | |
| CLASSIFICATION OF MATERIALS CLASSIFICATION OF MATERIALS SPT Sampler | AN COORDINATES 104,036 Y = 1,502,237 DEPTH ON CLASSIFICATION O 24.0 NOTES: 1. Soils are field visually accordance with the Uniff Classification System. 2. Borehole grouted with cement. 3. Borehole coordinates handheld GPS. 4. Borehole elevations e | | |
| X = 1,104,036 Y = 1,502,237 204.0 Ft. | | | |
| NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Borehole grouted with 3 bags of Portland cement. 3. Borehole coordinates obtained using handheld GPS. 4. Borehole elevations estimated from | | | |
| NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Borehole grouted with 3 bags of Portland cement. 3. Borehole coordinates obtained using handheld GPS. 4. Borehole elevations estimated from | DEPTH S CLAS | BLOWS/ 0.5 FT. | |
| 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. Borehole grouted with 3 bags of Portland cement. 3. Borehole coordinates obtained using handheld GPS. 4. Borehole elevations estimated from | 24.0 | 13 13 | |
| | NOTES: 1. Soils arr accordance Classification 2. Borehol cement. 3. Borehol handheld Grandheld | 13 | |

Project I.D. MSE00180 Boring Designation T7HE-2-22

| DRI | LLIN | G LC | og | DIV | ISION | Sou | uth A | Atlantic | IN | IST <i>A</i> | ALL | ATION | Mobile | District | · I | SHEET OF 3 | | ETS | |
|-------|------------|--------|----------|-----------------------------------|-----------------------|--------------------------|----------|-----------------------------|---------|------------------|-----------------|-------------------------------|------------------------------|----------|--------------|---------------|--------------------|---------|----------------|
| PROJ | | | | _ | - · · · | | | | LAT | LONG | COORI | DINATES | LAT = 33.62 | 29030° | LONG | S = -88 | .439 | 771° | |
| Ha | angar A | dditio | n and I | ∟gress | Buildir | ng | | | STA | TE PLA | NE CO | ORDINATE | S X = 1,1 | 04,049 | Y = 1 | ,502,1 | 99 | | 1 |
| DATE | OF BOI | RING | | | STAI 03-2 | RTED 0-23 | 1 | OMPLETED 03-20-23 | | | | STEM/DATU MS East - | M/UNITS U.S. Surve | v Ft. | HORI NAD | I | <i>VER</i> NAV[| | |
| DRILI | ING AG | ENCY | Y | Corps | | neers - (| | | | | ATION | | <i>TOP OF BOI</i> 204.0 Fe | RING | | 200.9 F | VATE | | 1 |
| NAME | & TITLE | OF FIE | ELD INSP | ECTOR | | NAM | IE OF | DRILLER | MAN | UFAC | TURER | 'S DESIGNA | TION OF DR | | L ∠ ⊠ AUT | | | | l |
| | tringfelle | | | nical En | | | | Voods BEARING | CI | ME-75 | i | | | | _ MAN | IUAL H | AMMI | ER | ł |
| | VERTICA | | - | NED | DEG. VERT | ICAL | | | SIZE | AND 1 | TYPE O | F BIT | See Re | marks | | | | | |
| тніск | NESS OF | OVER | BURDEN | N | N/A | | | | тот | AL NU | MBER (| CORE BOXE | s 0 | | | | | | |
| | то тор | | | | N/A | | | | - | | MPLES | | JRBED 16 | | DISTURE | BED (UL |) (| 0 | |
| TOTAL | DEPTH | | RING | | 24.0 F | eet | | | тот | | COVER | Y FOR BOR | ING 97 ' | % | | | · . | ш | |
| ELEV. | DEPTH | LEGEND | | CLASS | SIFICATIO | ON OF MA | TERIA | ALS | RÉC. | BOX OR SAMPLE | RQD OR UD | ADVAN MET | CEMENT | RE | MARKS | | BLOWS/ 0.5 FT. | N-VALUE | |
| 204.0 | 0.0 | /%/// | | | | | | | | | | | | | | | | | _0 |
| - | - | | mostl | ly fine-g | rained s | soft con and-size | | ncy, artz, some | | | | | | | | | 1 | | ŀ |
| - | _ | | clay, | moist, I | brown | | | | 93 | 1 | | SPT S | ampler | | | | 2 | 6 | - -1 |
| - | | | | | | | | | | | | | | | | | 4 | O | F' |
| - | - | | | | | | | | | | | | | | | | 4 | | Ė |
| - | - | | | | Ft., med | ium con: | sisten | ncy, red | 93 | 2 | | SPT S | ampler | | | ŀ | 7 | | -2 - |
| - | | | orang | ge | | | | | | | | | · | | | ŀ | 8 | 15 | Ŀ |
| Ā | - | | | | | | | | | | | | | | | - | 2 | | -3 |
| - | | | | | | | | | | | | | . | | | - | | | ŀ |
| - | - | | | | | | | | 100 | 3 | | SPIS | ampler | | | - | 2 | 3 | - -4 |
| 199.5 | 4.5 | | 1 | | | | | | | | | | | | | - | 1 | | ļ |
| - | - | | most | SIL1, I ly silt, fe z, gray | norganio ew fine-ເ | :-L, soft o grained s | consis | stency, sized | | | | | | | | | 1 | | - -5 |
| - | | | quart | .z, gray | | | | | 100 | 4 | | SPT S | ampler | | | | 1 | 3 | - |
| - | - | | | | | | | | | | | | | | | | 2 | J | <u>ا</u> |
| - | - | | | | | | | | | | | | | | | | 7 | | - 6 |
| - | - | | | | | | | | 100 | 5 | | SPT S | ampler | | | | 24 | | Ė |
| - | - | | | | | | | | | | | | | | | ŀ | 17 | 41 | -7 - |
| | - | | | | | | | | | | | | | | | - | 3 | | ŧ |
| 195.8 | 8.2 | | | | | | | | 100 | 6 | | SDT S | ampler | | | - | | | -8 |
| - | | | | | | ery stiff c | | tency, | 100 | | | 5513 | απρισι | | | } | | 59+ | F |
| - | - | | | | - | - 3 | • | | | | | Advance | ed Boring | | | 5 F | 0/0.4 | - | - -9 |
| - | - | | | | | | | | 100 | 7 | | | ampler | | | | 22 | | ŀ |
| | | | | | | | | | | | | | | | | | 39 | | <u> </u> |
| SAM F | ORM 1 | 836 | | AFTER DRILLING | y Di | JRING S | ∇ | (C | ontinue | ed) | | В | oring Des | signatio | on T | Г7НЕ- | 2-2 | 2 | - 1 |

Boring Designation T7HE-2-22

| | | | | | | | D | oring Designation | 11 | HE-2-22 | | _ |
|-------------|--------------------|---------|---|-----------------------|---------------------------|------------------|-----------------|-----------------------|------------|----------|-------------|-----------|
| DR | ILLIN | G L | OG (Cont. Sheet) | INSTAL Mob | LATION ile Dist | | | | | SHEET : | | ا ا |
| PROJEC | | | · | COORD | | | M/DAT | UM | HORIZONTAL | VERT | | \exists |
| Han | gar Addi | tion a | nd Egress Building | State | e Plane | e - MS | East | - U.S. Survey Ft. | NAD83 | NAVI | 088 | |
| | ON COOL | | | ELEVAT | | P OF I | BORIN | 3 | | | | |
| X = | 1,104,04 1 | 1 | Y = 1,502,199 | 204. | 0 Ft. | | | | | | l | 4 |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | S | ĸĚC. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | REMARK | s | 0.5 FT. | |
| 193.4 | 10.6 | | | | 100 | 7 | | SPT Sampler | | 4 | 0 79 | , |
| - | - | | (SP) SAND, poorly-graded, medium fine-grained sand-sized quartz, some | , mostly e gravel, | | | | | | 3 | 4 | |
| - | | | wet, Ight gray | | 100 | 8 | | SPT Sampler | | \vdash | 7 — 59 |) |
| - | <u> </u> | | : | | | | | | - | ⊢ | 1 | - |
| - | | | : | | 100 | 9 | | SPT Sampler | | ⊢ | 3 | |
| - | † [| • • • • | | | | | | | | 5 | 0 83 | } |
| - | _ | | | | | | | | | 1 | 3 | |
| - | | |] | | 100 | 10 | | SPT Sampler | | - | 3 39 |) |
| 189.0 | 15.0 | 0.0 | (GW) GRAVEL, well-graded, mostly | coarse | | | | | - | ⊢ | 8 | - |
| - | - | | gravel-sized gravel, some fine-graine sand-sized quartz, light brown | ea | 100 | 11 | | SPT Sampler | | 1 | 9 | |
| - | | 0 | | | | | | | | 1 | 32 | <u>'</u> |
| - | | | | | | | | | | 1 | 0 | |
| - | <u> </u> | 00 | | | 87 | 12 | | SPT Sampler | | - | 5 | , |
| - | - | | | | | | | | - | ⊢ | 2 | + |
| - | <u> </u> | 0 | | | 93 | 13 | | SPT Sampler | | 1 | 9 28 | |
| 184.7. - | 19.3 | :::à | (CL) CLAY, lean, stiff consistency, n | nostly | | | | | | |) 20 | _ |
| - | - | | clay, few fine-grained sand-sized qua moist, red orange | artz, | 00 | 44 | | ODT O mandan | | \vdash | 0 | |
| 183.2 | 20.8 | | | | 93 | 14 | | SPT Sampler | | ⊢ | 0 2 2 | 2 |
| <u> </u> | - | | (ML) SILT, inorganic-L, stiff consiste mostly silt, few fine-grained sand-size quartz, gray | ed | | | | | - | - | 3 | 1 |
| - - | <u> </u> | | At El. 183.0 Ft., stiff consistency, mo little gravel, light brown | stly silt, | 100 | 15 | | SPT Sampler | | ⊢ | 3 22 | 2 |
| | | | At El. 181.5 Ft., stiff consistency, mo few fine-grained sand-sized quartz, g | ostly silt, | | | | | - | ⊢ | 5 | - |
| - | <u> </u> | | 154 mio granica sana-sizea qualiz, g | ,. u y | 87 | 16 | | SPT Sampler | | | 3 19 | , |
| SAM F | ORM 1 | 1836 | -A AFTER ▼ DURING ▼ DRILLING | (Co | ontinue | ·d) | | Boring De | esignation | T7HE-2 | | _ |

Boring Designation T7HE-2-22

| DKI | ILLIN | G L(| DG (Cont. Sheet) | N/1-1- | ile Dis | l trict | | | | OF 3 | 3 SHEE | Te |
|-------|---------|--------|--|-----------|---------|------------------|-----------------|--|------------|--|-------------------|---------|
| ROJEC | | | , | COORD | | | M/DAT | LIBA | HORIZONTAL | | TICAL | 13 |
| | | tion a | nd Egress Building | I | | | | ом - U.S. Survey Ft. | NAD83 | 1 | VD88 | |
| | ON COOR | | | ELEVA. | | | | | | | | |
| | | | ′ = 1,502,199 | | .0 Ft. | | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIA | LS | REC. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | REMARK | ıs | BLOWS/ 0.5 FT. | N-VALUE |
| 180.0 | 24.0 | | | | 87 | 16 | | SPT Sampler | | | 11 11 | |
| 180.0 | 24.0 | | NOTES: 1. Soils are field visually classified accordance with the Unified Soils Classification System. 2. Borehole grouted with 3 bags of cement. 3. Borehole coordinates obtained handheld GPS. 4. Borehole elevations estimated foogleEarth. | FPortland | | | | 140# hammer w/30" drop used with 2.0' split spoon (1-3/8" I.D. x 2" O.D.). | | | 11 | |

Project I.D. MSE00180 Boring Designation T7HE-3-22

| DRI | LLIN | G LC |)G DI | IVISION | I So∟ | ıth Atlantic | II | IST/ | ALL/ | ATION Mobil | e Distri | ∩t I | SHEET 1 OF 2 S | HEETS | s |
|------------------|-----------|--------|----------------|------------------------------|---------------------|---------------------------|----------|------------------|-----------------|--|-----------|---------------|-----------------|---------------------|-------------------|
| PROJ | | | | | | | LAT | /LONG | COOR | DINATES LAT = 33 | 3.628794° | | G = -88.43 | | - |
| Ha | angar A | dditio | n and Egre | ess Buildir | ng | | STA | TE PLA | ANE CO | OORDINATES X = - | 1,104,090 | Y = 1, | ,502,113 | | 1 |
| DATE | OF BO | RING | | | RTED 6-23 | COMPLETED 03-16-23 | | | | STEM/DATUM/UNITS MS East - U.S. Sur | vev Ft | HORI NADS | | ERT. VD88 | 3 |
| DRILI | ING AG | SENCY | r Co | orps of Eng | | | | | ATIO | NS TOP OF | BORING | GRO | OUND WA | TER | |
| NAME | & TITLE | OF FIE | LD INSPECTO | DR . | NAM | E OF DRILLER | MAN | NUFAC | TURER | 204.0 | | | 00.8 Fee | | ┨ |
| | tringfell | | eotechnical | <u> </u> | | die Woods BEARING | С | ME-75 | 5 | | | | UAL HAM | | 4 |
| | | | INCLINED | VERT | FROM FICAL | BLAKING | SIZI | E AND | TYPE C | See | Remarks | | | | |
| тніск | NESS OF | OVER | BURDEN | N/A | | | тот | AL NU | MBER | CORE BOXES | 0 | | | | |
| DEPTH | то тор | OF RO | СК | N/A | | | тот | AL SAI | MPLES | DISTURBED | 10 01 | NDISTURE | BED (UD) | 0 | 4 |
| TOTAL | . DEPTH | _ | RING | 15.0 F | eet | | тот | | COVER | Y FOR BORING | 98 % | | Ι. | T iii | 4 |
| ELEV. | DEPTH | LEGEND | CL | ASSIFICATIO | ON OF MA | TERIALS | REC. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | F | REMARKS | BLOWS | 0.5 FT. N-VALUE | |
| 204.0 | 0.0 | /8/// | | | | | | | | | | | | | |
| - | | | loose, mo | ND, clayey, estly fine-gr | ained sar | nd-sized | | | | | | | 1 | | - |
| - | [| | quartz, so | me clay, n | noist, bro | wn | 100 | 1 | | SPT Sampler | | | 2 | | F |
| - | - | | At El 202 | 2.8 Ft., red | orange | | | | | | | | 4 | 6 | F |
| - | - | | / | | orango | | | | | | | | 5 | | † |
| - | - | | | | | | 100 | 2 | | SPT Sampler | | | 6 | | -2 |
| - | - | | | | | | 100 | _ | | Or i Gampior | | | | 12 | 2 - |
| | - | | | | | | | | - | | - | | 6 | - | <u>-</u> [: |
| | - | | | | | | | | | | | | 3 | 4 | F |
| - | - | | | | | | 87 | 3 | | SPT Sampler | | | 2 | 4 | L |
| - | - | | | | | | | | | | | | 2 | | ŀ |
| 199.1 | 4.9 | | | | | | _ | | | | | | w | 4 | , |
| - | [| | | medium pla cy, mostly | | ery soft e clay, gray | 80 | 4 | | SPT Sampler | | | 1 | | - |
| 198.0 | 6.0 | | | | | | | | | | | | 1 | 2 | F |
| 190.0 | - 0.0 | | (SM) SAN | ND, silty, v | ery stiff c | onsistency, | | | 1 | | \dashv | | 7 | \dagger | + |
| | - | | quartz | i, some fine | e-grained | sand-sized | 100 | 5 | | SPT Sampler | | | 15 | | ŀ |
| ∇ | - | | | | | | | | | Oi i Gampiei | | | - | 37 | / - 7 |
| | - | | | | | | | _ | - | | _ | | 22 | | + |
| - | - | | | | | | | | | | | | 20 | | - |
| | - | | | | | | 100 | 6 | | SPT Sampler | | | 18 | 58 | ŀ |
| 195.0 | 9.0 | | | | | | | | | | | | 40 | | ŀ |
| | - | 0 | | | | loose, mostly | 150 | 7 | | SPT Sampler | | | 5 0/0 | .4' | + |
| - | <u> </u> | 0 | little silt | 2 91 | | | | | | Advanced Boring | | | | | ļ |
| SAM F AUG 201 | ORM 1 | 1836 | AFTEF DRILL | | URING S | <u>Z</u> (0 | Continue | ed) | | Boring D | esigna | tion T | 7HE-3- | 22 | 11 |

Boring Designation T7HE-3-22

| DDI | II I INI | G I (| OG (Cont. Sheet) | INSTALI | OITA | N | | | | SHEET | 2 | |
|----------------|--------------------|---------|--|---------|--------|------------------|-----------------|---|------------|-------|-------------------|---------|
| | | G LC | og (cont. sneet) | | le Dis | | | | | OF 2 | | |
| PROJEC Hand | | tion or | nd Egress Building | COORDI | | | | JM - U.S. Survey Ft. | NAD83 | 1 | TICAL VD88 | |
| | ON COOF | | | ELEVAT | | | | | NADOS | INA | V D 00 | |
| | | | = 1,502,113 | 204. | | | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | • | REC. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | REMARK | (S | BLOWS/ 0.5 FT. | N-VALUE |
| - | | 0.0 | | | | | | Advanced Boring | | | | |
| - | | 0.0 | At El. 193.5 Ft., loose, mostly gravel, fine to medium-grained quartz, wet | some | | | | | | | 13 | |
| - | - | . 0 | | | 100 | 8 | | SPT Sampler | | | 22 | 54 |
| - | - | .0.0 | | | | | | | - | | 32 | |
| - | | .00 | | | 100 | 9 | | SPT Sampler | | | 20 | |
| - | - | | | | 100 | | | or reample. | | | | 39 |
| - | - | 0.0 | | | | | | | | | 13 | |
| - | | 5 | | | 100 | 10 | | SPT Sampler | | | 21 | 38 |
| 189.0 | 15.0 | . 0 | | | | | | | _ | | 17 | |
| - - - | - - - | | NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. | 1 | | | | 140# hammer w/30" drop used with 2.0' split spoon (1-3/8" I.D. x 2" O.D.). | | | | |
| - | - | | Borehole grouted with 2 bags of F cement. | ortland | | | | | | | | |
| - | - | | Borehole coordinates obtained us handheld GPS. | ing | | | | | | | | |
| - - - | - - | | Borehole elevations estimated fro GoogleEarth. | m | | | | | | | | |
| - - - | - - - | | | | | | | | | | | |
| - - - | - - | | | | | | | | | | | |
| - - | - | | | | | | | | | | | |
| - | - - | | | | | | | | | | | |
| - - - | † - - | | | | | | | | | | | |
| | ORM 1 | | A AFTER ▼ DURING ▼ DRILLING ▼ | | | | | <u> </u> | esignation | T7HE | | |

Project I.D. MSE00180 Boring Designation T7HE-4-22

| DRI | LLIN | G LC | og | DIV | ISION | So | uth . | Atlantic | IN | IST/ | \LL# | ATION | Mobile | District | | SHEET OF 2 | | ETS | |
|----------|-------------|-------------|----------|----------|----------------|---------------------------|----------|----------------------------|----------|------------------|-----------------|-------------------------------|------------------------|-----------|-------------------|-----------------|--------------------|---------|----------------|
| PROJ | | 1 1141 | | | D ::::: | | | | LAT | LONG | COORI | DINATES | LAT = 33.6 | 28673° | LONG | S = -88 | | | |
| Ha | angar A | dditic | on and I | Egress | s Buildir | ng | | | STA | TE PLA | NE CO | ORDINATE | s X = 1,1 | 04,028 | Y = 1 | ,502,0 | 69 | | |
| DATE | OF BO | RING | | | | RTED 6-23 | | 03-16-23 | | | | STEM/DATU MS East - | JM/UNITS U.S. Surve | v Ft. | <i>HOR</i> NAD | | <i>ver</i> Nave | | |
| DRILI | LING AG | ENC | Y | Corp | | ineers - (| | | 1 | | ATION | | TOP OF BO | RING | GR | OUND | WATE | | |
| NAME | & TITLE | OF FIE | ELD INSP | ECTOR | | NAN | /IE OF | DRILLER | MAN | IUFAC | TURER | 'S DESIGNA | 204.0 Fe | 11.1 | ∠ ⊠ AUT | 200.9 F | | | |
| | Stringfelle | | | nical Er | | | _ | Woods | CI | ME-75 | i | | | | MAN | IUAL H | АММІ | ER | |
| | VERTICA | | | IED | VERT | FROM FICAL | | DEARING | SIZE | AND 1 | TYPE O | F BIT | See Re | marks | | | | | |
| тніск | NESS OF | OVER | RBURDEN | ı | N/A | | | | тот | AL NU | MBER (| CORE BOX | ES 0 | | | | | | |
| DEPTH | і то тор | OF RO | оск | | N/A | | | | тот | AL SAI | MPLES | DIST | URBED 10 | UNE | DISTURI | BED (U | D) (D | 0 | |
| TOTAL | . DEPTH | | RING | | 15.0 F | eet | | | тот | | COVER | Y FOR BOR | RING 81 | % | | | . 1 | III | |
| ELEV. | DEPTH | LEGEND | | CLAS | SIFICATIO | ON OF MA | ATERI | IALS | RÉC. | BOX OR SAMPLE | RQD OR UD | ADVAN ME | CEMENT THOD | RE | MARKS | | BLOWS/ 0.5 FT. | N-VALUE | |
| 204.0 | 0.0 | | | | | | | | | | | | | | | | | | |
| 203.7 | 0.3 | | ASPI | | | | | | | | | | | | | | 1 | | -0 - |
| - | <u> </u> | | mostl | y grave | el, some | rly-grade fine to c | | ose, e-grained | 67 | 1 | | SPT S | Sampler | | | ŀ | 6 | | ŀ |
| - | - | | quart | z, light | brown | | | | " | | | | p | | | ŀ | 6 | 12 | -1 |
| | | | | | | | | | | | | | | | | } | | | F |
| - | <u> </u> | | At El. | 202.2 | Ft., mos | tly grave | el, so | me fine to | | | | | | | | | 7 | | - -2 |
| | <u> </u> | | coars | e-grain | ied quar | ız, iittie c | ciay, i | red orange | 87 | 2 | | SPT S | Sampler | | | | 5 | 9 | - |
| | _ | | | | | | | | | | | | | | | | 4 | | - -3 |
| <u>.</u> | | | | | | | | me fine to y orange | | | | | | | | | 3 | | <u> </u> |
| | | • | | | | | | | 20 | 3 | | SPT S | Sampler | | | | 2 | | F |
| - | F | | : | | | | | | | | | | | | | Ì | 4 | 6 | -4 - |
| | <u> </u> | | At El | 199.5 | Ft., mos | tly grave tz, red or | el, so | me fine to | | | | | | | | Ì | 4 | | ļ |
| - | - | | Coars | e-grain | ieu quai | ız, red öi | range | 3 | 73 | 4 | | SPT S | Sampler | | | ŀ | 2 | | -5 - |
| | ŀ | | | | | | | | | | | | ' | | | } | 2 | 4 | Ė |
| - | - | • | | | | | | | | | | | | | | } | | | -6 |
| 197.3 | 6.7 | • | | | | | | | | | | | | | | - | WH | | F |
| - | | 0 | | | | ll-graded grained | | stly gravel, tz, little | 47 | 5 | | SPT S | Sampler | | | | WH | 1 | - -7 |
| 196.5 | 7.5 | . á | clay, | wet | | | | , | | | | | | | | | 1 | | ţ |
| | _ | | consi | stency, | , mostly | c-L, very silt, little | fine- | grained | | | | | | | | | 8 | | - 8 |
| - | | | sand- | -sized (| quartz, m | noist, gra | ay | | 100 | 6 | | SPT S | Sampler | | | | 18 | 00 | F |
| | Ī | | | | | | | | | | | | | | | | 15 | 33 | F |
| - | <u> </u> | | | | | | | | | | | | | | | ļ | 14 | | -9 - |
| | <u> </u> | | | | | | | | 167 | 7 | | SPT S | Sampler | | | 5 | 50/0.4 | | ŀ |
| SAM F | ORM 1 | ∐∐∐ 1836 | | FTER | ▼ Di | URING ' | ∇ | (C | Continue | ed) | <u> </u> | | Boring Des | sianatio | n 7 | <u></u> Г7НЕ | | | L ₁ |
| AUG 201 | | | | RILLING | g = Di | URING ' | <u> </u> | , , | J | -/ | | I | oning Des | sigilalic | <i>)</i> | | - | _ | |

Boring Designation T7HE-4-22

| DRI | ILLIN | G LC | OG (Cont. Sheet) | INSTALI Mobi | .ATION le Dist | | | | | SHEET OF 2 | 2 SHEE | |
|-----------------|-------------|---------|---|------------------|--------------------------|------------------|-----------------|---|------------|---------------|-------------------|-----------------|
| PROJEC | | | | COORDI | | | M/DATI | JM | HORIZONTAL | | TICAL | $\ddot{\dashv}$ |
| | | tion ar | nd Egress Building | 1 | | | | - U.S. Survey Ft. | NAD83 | 1 | VD88 | |
| | ON COOR | | | ELEVAT | | | | | | | | コ |
| | | | 7 = 1,502,069 | 204.0 |) Ft. | | | | | | | |
| ELEV. | DEPTH | LEGEND | CLASSIFICATION OF MATERIALS | | ĸč. | BOX OR SAMPLE | RQD OR UD | ADVANCEMENT METHOD | REMARK | (S | BLOWS/ 0.5 FT. | N-VALUE |
| 193.5 | 10.5 | | | | | | | Advanced Boring Advanced Boring | | | | \exists |
| 1 , | - | . 0. | (GW) GRAVEL, well-graded, loose, n gravel, some fine to coarse-grained qu little fines, wet | nostly uartz, | 150 | 8 | | SPT Sampler | | | 50/0.4 | |
| - | - - | 0.0 | interines, wet | | | | | Advanced Boring | | | | |
| - | - - - | 0 0 | At El. 192.0 Ft., some fine to coarse-ç quartz | grained | 89 | 9 | | SPT Sampler | | 5 | 21 | |
| - | - | .0.0. | | | | | | Advanced Boring | | | | |
| - | - | 0 .0 | | | | | | | | | 29 | |
| - - 189.0 | 15.0 | 00 | | | 100 | 10 | | SPT Sampler | | | 40 | 60 |
| - | - | | At El. 189.0 Ft., moist, light brown | | | | | 140# hammer w/30" drop used | | | | _ |
| - | - - | | NOTES: 1. Soils are field visually classified in accordance with the Unified Soils | | | | | with 2.0' split spoon (1-3/8" I.D. x 2" O.D.). | | | | |
| - | - - | | Classification System. 2. Borehole grouted with 2 bags of Pocement. | ortland | | | | | | | | |
| - | - - | | Borehole coordinates obtained using handheld GPS. | ng | | | | | | | | |
| - | - - | | Borehole elevations estimated from GoogleEarth. | n | | | | | | | | |
| - | - - | | | | | | | | | | | |
| - | - - - | | | | | | | | | | | |
| - | - - | | | | | | | | | | | |
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