SOIL BORINGS

| F.A RTÉ. | SECTION | | COU | NTY | TOTAL SHEETS | SHEET NO. |
|-------------|--------------|-------|--------|--------|-----------------|--------------|
| | 05-00174-0 | ю-вт | ROCK | ISLAND | 112 | 79 |
| STA. | | | TO ST | ١. | | |
| FED. RO | AD DIST, NO. | ILLIN | OIS FE | D. AID | PROJECT | |

| LOG OF BORING NO. 6 Page 1 of 1 | LOG OF BORING NO. 6A Page 1 of 3 | | LOG OF BORING NO. 6A Page 2 of 3 | |
|--|--|--|--|--|
| | OWNER | ARCHITECT/ENGINEER | OWNER | ARCHITECT/ENGINEER |
| OWNER ARCHITECT/ENGINEER Missman, Stanley & Associates, P.C. | | Missman, Stanley & Associates, P.C. | | Missman, Stanley & Associates, P.C. |
| SITE PROJECT Rock Island, Illinois Augustana College Bike Path | Rock Island, Illinois | PROJECT Augustana College Bike Path SAMPLES TESTS | SITE Rock Island, Illinois | PROJECT Augustana College Bike Path SAMPLES TESTS |
| AMBER BE STANDOL STAND | DESCRIPTION Approx. Surface Elev.: 692.1 ft. | DEPTH (ft.) USCS SYMBOL NUMBER TYPE TYPE SEPT-N SEPT-N MOISTURE, % DRY DENSITY PCF MOISTURE, % UNCONFINED SIRENGTH SIRENGTH SIRENGTH | DESCRIPTION DESCRIPTION | DEPTH (ft.) USCS SYMBOL NUMBER TYPE RECOVERY SPT.N BLOWS / FT. MOISTURE, % PC; UNCONFINED STRENGTH STRENGTH STRENGTH STRENGTH STRENGTH |
| | | D D Z E 22 D D D D D D D D | | |
| Fill - SILT, trace sand, gravel, and organic matter, dark yellowish brown and very dark grayish brown 3.0 Fill - lean CLAY, with sand, gravel, and | Fill - SILT, trace sand and organic 2.0 matter, very dark grayish brown Fill - fine to medium SAND, with gravel and brick debris, trace organic matter, dark brown | 1 HS | greenish gray, medium stiff | 35—CL 8 SS 18" 5 21.6 |
| | 6.5 Fill – Jean CLAY, with sand and cinders, trace gravel and organic matter, very dark gray | 3 | 37.5 Lean CLAY, with sand, trace gravel, olive brown, hard | 654.6. |
| - color change to olive brown and very 15 - CL 4 SS 9" 50/5" 14.3 | 12.0 680. Fill — SILT, trace sand and gravel, yellowish brown | HS HS | color change to very dark grayish brown @ about 44' | 45 CL 10 SS 18" 33 12.9 |
| dark gray @ about 14' 15 | 17.0 675. SILT, with ferrous staining, yellowish brown, stiff | - HS | color change to olive brown, becomes very hard @ about 49' | 50 CL 11 SS 18" 50/5" 10.6 |
| 25.5 666.2 25 T 50/0" 13.3 | color change to light yellowish brown @ about 24' | HS 25-ML 6 ST 3" 22.1 4000* | trace ferrous staining, color change to olive gray and bluish gray, becomes bard @ about 54' | 55 —CL 12 SS 17" 40 14.4 |
| Auger deflection @ 25.5' | 27.5 Lean to fat CLAY, trace sand, very dark gray, very stiff | HS | - color change to very dark gray @ about 59' | 60—CL 13 SS 18" 48 16.0 |
| | 32.5 | HS | color change to olive gray @ about 64' | 65—CL 14 SS 9" 38 19.4 |
| THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES Calibrated Hand Penetrometer* | THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GR. | LINES Calibrated Hand Penetrometer* ADUAL | THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDA BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE | RY LINES Calibrated Hand Penetrometer* GRADUAL. |
| BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL. WATER LEVEL OBSERVATIONS BORING STARTED 11-9-06 | WATER LEVEL OBSERVATIONS | BORING STARTED 11-10-06 | WATER LEVEL OBSERVATIONS - | BORING STARTED 11-10-06 |
| WL V None WD 20' DCI 11/15/06 TEAM Services, Inc. BORING COMPLETED 11-9-06 TEAM Services, Inc. BIG ATV FOREMAN DC | WL 34' WD 18' 11/15/06 TEAM Set | rvices, Inc. BORING COMPLETED 11-10-06 RIG ATV FOREMAN DC | WL | Services, Inc. RIG ATV FOREMAN DC |
| | WL | APPROVED RED JOB# 15-103 | WL | APPROVED RED 108# 15-103 |

| REVISIO | | THERMOTS | DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | 12211013 | DEL ANTIMENT OF THANSFORTATION |
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