

| PROJECT: TER-395-24.50 LANDSLIDE | | DRILLING FIRM / OPERATOR: ODOT / A. DRILLER | | DRILL RIG: ACME DRILL RIG 3000 | | STATION / OFFSET: 125+31.14 RT. | | EXPLORATION ID | | | | | | | | | | |
|--|-------|---|-------|--------------------------------|-----------------|--------------------------------------|----------|----------------|----|----|----|----|----|----|----|----|-----------------|-------------|
| TYPE: 99999 SFN: N/A | | SAMPLING FIRM / LOGGER: ODOT / B. LOGGER | | HAMMER: ACME HAMMER | | ALIGNMENT: CL SR 395 | | B-003-0-14 | | | | | | | | | | |
| START: 9/10/14 END: 12/11/14 | | DRILLING METHOD: 3.25" HSA / NQ2 | | CALIBRATION DATE: 5/17/13 | | ELEVATION: 584.8 (MSL) EOB: 36.5 ft. | | PAGE | | | | | | | | | | |
| | | SAMPLING METHOD: SPT / NQ2 | | ENERGY RATIO (%): 81.9 | | LAT / LONG: 38.439667, -82.412215 | | 1 OF 1 | | | | | | | | | | |
| MATERIAL DESCRIPTION AND NOTES | | ELEV. | DEPTH | SPT/RQD | N ₆₀ | REC SAMPLE (%) | HP (tsf) | GR | CS | FS | SI | CL | LL | PL | PI | WC | ODOT CLASS (gl) | HOLE SEALED |
| ASPHALT (12") | 584.8 | 1 | | 5 | | | | | | | | | | | | | | |
| MEDIUM DENSE BROWN GRAVEL WITH SAND, TRACE SILT, TRACE CLAY, MOIST | 583.8 | 2 | | 6 | 16 | 78 | | 44 | 25 | 15 | 8 | 8 | NP | NP | NP | 16 | A-1-b(0) | |
| | | 3 | | 5 | 15 | 78 | | | | | | | | | | | | |
| @4.0'; LITTLE SILT | 580.3 | 4 | W | 6 | 16 | 83 | | 46 | 20 | 14 | 12 | 8 | NP | NP | NP | 17 | A-1-b(0) | |
| | | 5 | | 5 | 7 | | | | | | | | | | | | | |
| VERY STIFF, REDDISH BROWN, SILT AND CLAY, "AND" GRAVEL, LITTLE SAND, DAMP TO MOIST | 579.3 | 6 | | 7 | 23 | 89 | 2.50 | 43 | 5 | 6 | 23 | 34 | 21 | 13 | | 19 | A-6a(3) | |
| | | 7 | | 7 | 19 | 78 | 2.50 | 38 | 4 | 10 | 25 | 23 | 20 | 12 | | 13 | A-6a(3) | |
| | | 8 | | 7 | 7 | | | | | | | | | | | | | |
| | | 9 | | 7 | 20 | 72 | 2.50 | | | | | | | | | 14 | A-6a(V) | |
| @13.0' - 14.5'; SOME GRAVEL | | 10 | | 6 | 19 | 83 | 2.50 | | | | | | | | | 18 | A-6a(V) | |
| | | 11 | | 7 | 7 | | | | | | | | | | | | | |
| | | 12 | | 6 | 22 | 89 | 2.50 | | | | | | | | | 21 | A-6a(V) | |
| | | 13 | | 7 | 23 | 78 | 2.50 | 30 | 4 | 9 | 27 | 30 | 36 | 21 | 15 | 16 | A-6a(6) | |
| | | 14 | | 7 | 8 | | | | | | | | | | | | | |
| | | 15 | | 7 | 27 | 56 | 2.50 | 45 | 3 | 11 | 21 | 20 | 30 | 18 | 12 | 19 | A-6a(2) | |
| | | 16 | | 7 | 8 | | | | | | | | | | | | | |
| | | 17 | | 7 | 9 | 30 | 2.75 | | | | | | | | | 20 | A-6a(V) | |
| | | 18 | | 8 | 11 | 41 | 3.50 | | | | | | | | | 19 | A-6a(V) | |
| @19.0'; SOME GRAVEL | | 19 | | 21 | 46 | 89 | 3.50 | 20 | 4 | 9 | 31 | 36 | 35 | 21 | 14 | 15 | A-6a(8) | |
| | | 20 | | 19 | 15 | | | | | | | | | | | | | |
| MEDIUM DENSE TO DENSE, REDDISH BROWN, STONE FRAGMENTS WITH SAND, LITTLE SILT, TRACE CLAY, MOIST TO WET | 564.8 | 21 | | 8 | 22 | 100 | | 48 | 8 | 23 | 14 | 7 | NP | NP | NP | 19 | A-1-b(0) | |
| | | 22 | | 7 | 9 | | | | | | | | | | | 20 | A-1-b(V) | |
| | | 23 | | 6 | 33 | 78 | | 44 | 13 | 19 | 14 | 10 | NP | NP | NP | 19 | A-1-b(0) | |
| | | 24 | | 7 | 14 | 46 | | | | | | | | | | 15 | A-1-b(V) | |
| | | 25 | TR | 14 | 20 | | | | | | | | | | | | | |
| CLAYSTONE, RED, OLIVE GRAY, AND BLACK MODERATELY WEATHERED, VERY WEAK, MEDIUM BEDDED, SLIGHTLY CALCAREOUS; RQD 30%, REC 80%. | 559.8 | 26 | | 26 | 87 | 94 | | | | | | | | | | 9 | Rock (V) | |
| | | 27 | | 38 | | | | | | | | | | | | | | |
| | | 28 | | | | | | | | | | | | | | | | |
| | | 29 | | 27 | | 82 | | | | | | | | | | | | |
| | | 30 | | | | | | | | | | | | | | | | |
| | | 31 | | | | | | | | | | | | | | | | |
| SANDSTONE, BLuish GRAY, SLIGHTLY WEATHERED, VERY STRONG, VERY FINE TO FINE GRAINED, THIN BEDDED, SLIGHTLY ARGILLACEOUS; RQD 91%, REC 100%. | 553.8 | 32 | | | | | | | | | | | | | | | | |
| | | 33 | | | | | | | | | | | | | | | | |
| | | 34 | | 100 | | 100 | | | | | | | | | | | | |
| | | 35 | | | | | | | | | | | | | | | | |
| | | 36 | | | | | | | | | | | | | | | | |
| | | | EOB | | | | | | | | | | | | | | | |

NOTES:
 LOST CORE WATER RETURN @ 31'; ENCOUNTERED
 DIFFICULT AUGERING FROM 17' - 20'.

NOTES: BORING LOCATION FROM DISTRICT SURVEY
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: PUMPED 20 LB. BENTONITE POWDER; 4 BAGS CEMENT; 25 GAL. WATER



TER - 395 - 24.50

LANDSLIDE EXPLORATION
 BORING LOG B-003-0-14

DRAWN INK
 CHECKED RED

7/8