

PROJECT: RIC-ELM STREET BRIDGE

TYPE: BRIDGE

PID: 120583 SFN: 7067429

START: 12/3/24 END: 12/3/24

DRILLING FIRM / OPERATOR: NEAS INC. / JL

SAMPLING FIRM / LOGGER: NEAS INC. / JL

DRILLING METHOD: 3.25" HSA / NQ2

SAMPLING METHOD: SPT / NQ2

DRILL RIG: CME 55TB

HAMMER: CME AUTOMATIC

CALIBRATION DATE: 7/30/24

ENERGY RATIO (%): 89

STATION / OFFSET: 2+12, 9' RT.

ALIGNMENT: ELM STREET

ELEVATION: 1070.7 (MSL) EOB: 53.3 ft.

LAT / LONG: 40.589813, -82.423798

EXPLORATION ID: B-002-0-24

PAGE 1 OF 1

| MATERIAL DESCRIPTION AND NOTES | | | ELEV. | DEPTHS | | SPT/ RQD | N ₆₀ | REC (%) | SAMPLE ID | HP (tsf) | GRADATION (%) | | | | | ATTERBERG | | | | WC | ODOT CLASS (GI) | BACK FILL |
|--|--|--|--------|----------|--|-------------|-----------------|---------|-----------|----------|---------------|----|----|----|----|-----------|----|----|-----------|-----------|-----------------|-----------|
| | | | 1070.7 | | | | | | | | | GR | CS | FS | SI | CL | LL | PL | PI | | | |
| 6.0" ASPHALT AND 12.0" BASE (DRILLERS DESCRIPTION) | | | 1069.2 | | | | | | | | | | | | | | | | | | | |
| VERY STIFF TO HARD, BROWN AND ORANGISH BROWN, SANDY SILT, LITTLE GRAVEL, LITTLE CLAY, IRON STAINING, DAMP TO MOIST | | | 1066.2 | W 1066.2 | | 18 | | | | | | | | | | | | | | | | |
| | | | | | | 15 | 37 | 61 | SS-1 | 4.50 | 20 | 18 | 21 | 30 | 11 | 21 | 17 | 4 | 10 | A-4a (1) | | |
| | | | | | | 10 | | | | | | | | | | | | | | | | |
| | | | 1066.2 | W 1066.2 | | 5 | | | | | | | | | | | | | | | | |
| | | | | | | 3 | 9 | 44 | SS-2 | 3.00 | - | - | - | - | - | - | - | 19 | A-4a (V) | | | |
| | | | | | | 3 | | | | | | | | | | | | | | | | |
| MEDIUM DENSE, ORANGISH BROWN, COARSE AND FINE SAND, LITTLE SILT, LITTLE GRAVEL, TRACE CLAY, IRON STAINING, WET | | | 1064.7 | | | 3 | | | | | | | | | | | | | | | | |
| | | | 1064.7 | | | 3 | | | | | | | | | | | | | | | | |
| MEDIUM DENSE, ORANGISH BROWN, GRAVEL WITH SAND AND SILT, TRACE CLAY, MOIST | | | | | | 3 | 12 | 44 | SS-3 | - | 14 | 20 | 46 | 15 | 5 | NP | NP | NP | 15 | A-3a (0) | | |
| | | | | | | 5 | | | | | | | | | | | | | | | | |
| | | | 1062.7 | | | 3 | | | | | | | | | | | | | | | | |
| | | | | | | 3 | 12 | 44 | SS-4 | - | 24 | 14 | 33 | 22 | 7 | NP | NP | NP | 11 | A-2-4 (0) | | |
| | | | | | | 5 | | | | | | | | | | | | | | | | |
| STIFF, GRAY, SILT, SOME CLAY, TRACE SAND, TRACE GRAVEL, WET | | | 1060.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 1 | | | | | | | | | | | | | | | | |
| | | | | | | 2 | 10 | 72 | SS-5 | 1.50 | 0 | 0 | 8 | 58 | 34 | 25 | 17 | 8 | 27 | A-4b (8) | | |
| | | | 1060.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 5 | | | | | | | | | | | | | | | | |
| | | | | | | 10 | | | | | | | | | | | | | | | | |
| LOOSE TO MEDIUM DENSE, GRAY, COARSE AND FINE SAND, TRACE SILT, TRACE GRAVEL, TRACE CLAY, WET | | | 1055.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 2 | | | | | | | | | | | | | | | | |
| | | | | | | 3 | 9 | 83 | SS-6 | - | 7 | 16 | 66 | 10 | 1 | NP | NP | NP | 20 | A-3a (0) | | |
| | | | 1055.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 3 | | | | | | | | | | | | | | | | |
| | | | | | | 8 | 24 | 72 | SS-7 | - | - | - | - | - | - | - | - | 15 | A-3a (V) | | | |
| | | | 1055.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 14 | | | | | | | | | | | | | | | | |
| | | | | | | 16 | 34 | 89 | SS-8 | - | 31 | 22 | 24 | 20 | 3 | NP | NP | NP | 13 | A-1-b (0) | | |
| | | | 1055.2 | | | | | | | | | | | | | | | | | | | |
| | | | | | | 17 | | | | | | | | | | | | | | | | |
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| | | | | | | 8 | 24 | 83 | SS-9 | - | - | - | - | - | - | - | - | 14 | A-1-b (V) | | | |
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| | | | | | | 8 | 27 | 78 | SS-10 | - | - | - | - | - | - | - | - | 13 | A-1-b (V) | | | |
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