



McDOWELL & ASSOCIATES
Geotechnical, Environmental, & Hydrogeologic Services
21355 Hatcher Avenue • Ferndale, MI 48220
Phone: (248) 399-2066 • Fax: (248) 399-2157

LOG OF SOIL
BORING NO. 1

PROJECT Soils Investigation-Retaining Wall Replacement

JOB NO. 08-096

LOCATION 1015 East Ann Street

SURFACE ELEV. _____ DATE 6-6-08

Ann Arbor, Michigan

| Sample & Type | Depth | Legend | SOIL DESCRIPTION | Penetration Blows for 6" | Moisture % | Natural Wt. P.C.F. | Dry Den Wt. P.C.F. | Unc. Comp. Strength PSF. | Str. % |
|---------------|-------|--------|--|-----------------------------|---------------|-----------------------|-----------------------|-----------------------------|-----------|
| | 1 | | 0'2" ASPHALT | | | | | | |
| | | | 0'9" Moist brown and discolored brown SAND with gravel, fill | | | | | | |
| A | 2 | | | 2 | | | | | |
| AS | | | | 2 | 5.0 | -- | | | |
| | 3 | | Slightly compact moist discolored brown gravelly SAND with trace of silt, fill | 1 | | | | | |
| | 4 | | | | | | | | |
| B | | | | 2 | | | | | |
| AS | 5 | | | 2 | | | | | |
| | | | 5'3" | 5 | | | | | |
| | 6 | | | | | | | | |
| C | 7 | | | 2 | | | | | |
| AS | | | | 6 | | | | | |
| | 8 | | | 7 | | | | | |
| | 9 | | | | | | | | |
| D | | | Compact moist brown and discolored brown clayey SAND with gravel and occasional stone, fill | 5 | | | | | |
| UL | 10 | | | 5 | 6.8 | -- | | | |
| | | | | 5 | | | | | |
| | 11 | | | | | | | | |
| | 12 | | | | | | | | |
| | 13 | | | | | | | | |
| | 14 | | | | | | | | |
| E | | | 14'0" | 2 | | | | | |
| UL | 15 | | | 2 | 12.9 | -- | | | |
| | | | | 1 | | | | | |
| | 16 | | | | | | | | |
| | | | Slightly compact moist to wet discolored brown clayey SAND with gravel and pieces of glass, fill | | | | | | |
| | 17 | | | | | | | | |
| | 18 | | | | | | | | |
| | | | 18'6" | | | | | | |
| F | 19 | | | | | | | | |
| UL | 20 | | Compact moist brown clayey SAND & GRAVEL | 5 | | | | | |
| | | | | 7 | 21.1 | 118 | | | |
| | 21 | | 20'2" | 12 | | | * | (6000) | |
| | | | Extremely stiff moist brown silty CLAY with sand and pebbles | | | | | | |
| | 22 | | | | | | | | |
| | | | 22'6" | | | | | | |
| | 23 | | | | | | | | |
| | | | | | | | | | |
| | 24 | | Extremely compact moist brown fine to medium SAND with trace of pebbles | | | | | | |
| G | | | | 16 | | | | | |
| UL | 25 | | | 25 | | | | | |
| | | | | 38 | | | | | |

TYPE OF SAMPLE
D. - DISTURBED
U.L. - UNDIST. LINER
S.T. - SHELBY TUBE
S.S. - SPLIT SPOON
R.C. - ROCK CORE
() - PENETROMETER

REMARKS:

* Calibrated Penetrometer

Standard Penetration Test - Driving 2" OD Sampler 1' With
140# Hammer Falling 30": Count Made at 6" Intervals

GROUND WATER OBSERVATIONS

G.W. ENCOUNTERED AT 15 FT. 4 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION Dry FT. INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES Very Light

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LOG OF SOIL
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|---------------|-------|---|--|--------------------------|------------|--------------------|--------------------|--------------------------|--------|
| | 26 |  | Extremely compact moist brown fine to medium SAND with trace of pebbles | | | | | | |
| | 27 | | | | | | | | |
| | 28 | | | | | | | | |
| | 29 |  | Extremely compact moist brown SAND & GRAVEL | | | | | | |
| H | | | | 10 | | | | | |
| UL | 30 | | | 21 | | | | | |
| | 31 |  | 30'6" | 25 | | | | | |
| | 32 | | | | | | | | |
| | 33 | | | | | | | | |
| | 34 |  | | | | | | | |
| | 35 | | | | | | | | |
| | 36 | | | | | | | | |
| | 37 |  | | | | | | | |
| | 38 | | | | | | | | |
| | 39 | | | | | | | | |
| | 40 |  | Note: Boring located 13' west of west edge of building and 11' south of retaining wall | | | | | | |
| | 41 | | | | | | | | |
| | 42 | | | | | | | | |
| | 43 |  | | | | | | | |
| | 44 | | | | | | | | |
| | 45 | | | | | | | | |
| | 46 |  | | | | | | | |
| | 47 | | | | | | | | |
| | 48 | | | | | | | | |
| | 49 |  | | | | | | | |
| | 50 | | | | | | | | |

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