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JOB NO. 14-026

LOG OF SOIL
BORING NO. 4

PROJECT Soils Investigation
LOCATION Proposed 85 Acre Subdivision
Dhu Warren Road and Pontiac Trail

SURFACE ELEV. DATE 1-30-14

Ann Arbor Township, 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. | PID (ppm) | Methane % LEL |
|---------------|-------|--------|--|--------------------------|------------|--------------------|--------------------|--------------------------|-----------|---------------|
| | | | 0'2" Frozen dark brown sandy clayey TOPSOIL, fill | | | | | | | ND |
| | 1 | | | | | | | | | |
| A | 2 | | Compact frozen to moist brown sandy CLAY with pebbles , fill | 5 | | | | | | ND |
| UL | 3 | | | 3 | | | | | | |
| | 4 | | | 3 | | | | | | |
| B | 5 | | 4'0" Stiff moist brown sandy CLAY with sand and pebbles, fill | 2 | | | | | | 0 |
| UL | 6 | | | 3 | | | | | | |
| C | 7 | | | 6 | | | | | | ND |
| UL | 8 | | 6'6" Stiff to very stiff moist brown and dark brown silty CLAY with sand and pebbles, fill | 5 | | | | | | ND |
| | 9 | | | 6 | | | | | | |
| D | 10 | | | 6 | | | | | | |
| UL | 11 | | 9'0" Medium compact moist brown SAND & GRAVEL, possible fill | 2 | | | | | | 0 |
| | 12 | | | 2 | | | | | | |
| | 13 | | | 3 | | | | | | |
| | 14 | | | | | | | | | |
| E | 15 | | | | | | | | | |
| UL | 16 | | 12'0" Very compact moist brown SAND & GRAVEL | | | | | | | |
| | 17 | | | | | | | | | |
| | 18 | | | | | | | | | |
| | 19 | | 18'0" Compact wet brown SAND & GRAVEL | | | | | | | |
| F | 20 | | | | | | | | | |
| UL | 21 | | 20'0" Stiff moist blue silty CLAY with sand and pebbles | 5 | | | | | | 0 |
| | 22 | | | 5 | | | | | | |
| | 23 | | | 6 | | | | | | |
| | 24 | | | | | | | | | |
| | 25 | | | | | | | | | |

Notes:

- Used automatic hammer.
- PID readings from MiniRAE 2000 photoionization detector as parts per million (ppm, calibrated to isobutylene gas).
- Readings from MSA Altair 4 gas detector presented as % lower explosive limit (LEL)

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

REMARKS:

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 | 18 | FT. | 0 | INS. |
| G.W. ENCOUNTERED AT | | FT. | | INS. |
| G.W. AFTER COMPLETION | 20 | FT. | 0 | INS. |
| G.W. AFTER | | HRS. | | INS. |
| G.W. VOLUMES | | | | |