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LOG OF SOIL
BORING NO. 7

PROJECT Soils Investigation

JOB NO. 21-109

LOCATION Proposed Maple Ridge Subdivision
Whitmore Lake Road and Barton North Drive
Ann Arbor Township, Michigan

SURFACE ELEV. 952.4 DATE 4-22-21

| Sample & Type | Depth | Legend | SOIL DESCRIPTION | Penetration Blows for 6" | Moisture % | Natural WL P.C.F. | Dry Den WL P.C.F. | Unc. Comp. Strength PSF. | Str. % |
|---------------|-------|--------|--|--------------------------|------------|-------------------|-------------------|--------------------------|--------|
| | 1 | | Moist dark clayey TOPSOIL with vegetation | | | | | | |
| | 2 | | | | | | | | |
| A | 2 | | | 2 | | | | | |
| UL | 3 | | Stiff moist variegated silty CLAY with dark brown streaks | 3 | 19.2 | 126 | | | |
| | 3 | | | 6 | | | * | (6500) | |
| | 4 | | | | | | | | |
| B | 4 | | | | | | | | |
| UL | 5 | | | 8 | | | | | |
| | 5 | | | 13 | 13.2 | | | | |
| | 6 | | | 16 | | | * | (9000+) | |
| | 7 | | | | | | | | |
| C | 7 | | | 13 | | | | | |
| UL | 8 | | | 16 | | | | | |
| | 8 | | | 20 | | | | | |
| | 9 | | Extremely stiff moist brown silty CLAY with sand and pebbles and occasional stones | | | | | | |
| | 10 | | | 11 | | | | | |
| D | 10 | | | 30 | | | | | |
| UL | 11 | | | --- | | | | | |
| | 12 | | | | | | | | |
| | 13 | | | | | | | | |
| | 14 | | | | | | | | |
| E | 15 | | | 8 | | | | | |
| UL | 15 | | Extremely stiff moist blue silty CLAY with sand and pebbles and occasional stone | 19 | | | | | |
| | 16 | | | 19 | | | | | |
| | 17 | | | | | | | | |
| | 18 | | | | | | | | |
| | 19 | | Wet brown silty fine SAND | | | | | | |
| F | 20 | | | 14 | | | | | |
| UL | 20 | | Extremely compact wet brown silty fine SAND with moist blue silty clay seams | 23 | | | | | |
| | 21 | | | 18 | | | | | |
| | 22 | | | | | | | | |
| | 23 | | | | | | | | |
| | 24 | | | | | | | | |
| | 25 | | | | | | | | |

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 17 FT. 6 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION 18 FT. 0 INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES Light - Medium