

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELEVATION		DEPTH (FT)	STRATA	SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT)	RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
0.0				DARK GRAY SILTY LOAM, SL. MOIST LITTLE MED.- COARSE SAND	AU-1 0-1.0			w=12%
1.0				DARK GRAY SILTY LOAM, SL. MOIST LITTLE MED.- COARSE SAND	SS-2 1.0-2.5 4" R		5 7 7	w=18.4%
3.0				180.86 (593.21)				
4.0				BROWN SILTY CLAY SL. MOIST TRACE MED. SAND MED. STIFF	SS-3 3.5-5.0 12" R		1 2 3	QU=120 B w=18.2%
5.0				DRK. BROWN SILTY CLAY MOIST, STIFF LITTLE COARSE SAND	SS-4 6.0-7.5 4" R		2 1 2	w=17.7%
8.0				179.03 (587.21)				
9.0				FINE GRAVEL, SOME COARSE- FINE SAND SATURATED, MED. DENSE	SS-5 8.5-10.0 10" R		8 9 3	w=22.2%
10.5				178.57 (585.71)				N=12 NP
11.0				GRAY SILTY CLAY MED. STIFF, SL. MOIST	SS-6 11.0-12.5 18" R		2 4 4	QU=149 B w=22.6%
13.0				177.80 (583.21)				
14.0				GRAY SILTY CLAY MED. STIFF, SL. MOIST	SS-7 13.5-15.0 18" R		1 3 4	QU=149 B w=22.7%
15.0								
16.0								
17.0								
18.0								
19.0								
20.0								QU=149 w=19.9%

DEPTH (m)		DEPTH (FT)	STRATA	SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT)	RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
20.0				175.52 (575.71)				
21.0				GRAY SILT MOIST AND DENSE	SS-10 21.0-22.5 18" R		3 12 14	QU=177 B w=19.5 %
22.0								
23.0								
24.0				174.45 (572.21)				
24.0				GRAY SILTY CLAY MOIST AND STIFF	SS-11 23.5-25.0 18" R		8 7 7	QU=128 B w=22.9%
25.0								
26.0				173.99 (570.71)				
27.0				GRAY SILTY CLAY LOAM SL. MOIST AND STIFF	SS-12 26.0-27.5 18" R		4 5 5	QU=289 B w=23%
28.0				173.23 (568.21)				
29.0				GRAY SILT, DENSE MOIST	SS-13 28.5-30.0 16" R		5 6 8	N=19 NP w=26.1%
30.0								
31.0								
32.0				172.01 (564.21)				
33.0								
34.0				NO RECOVERY	SS-14 33.5-35.0 18" R		10 12 22	N=34
35.0								
36.0				170.79 (560.21)				
37.0				GRAY SILT, VERY DENSE, MOIST	SS-15 38.5-40.0 18" R		16 25 32	w=19.2% N=57 EOB AT 40'
38.0								
39.0								
40.0								

NOTE:

1. To convert from kPa to psi:
1 kPa = 0.14504 psi

BORING LOGS 2
STRUCTURE NO. 016-W821

TYLIN INTERNATIONAL	DESIGNED - MAU	REVISIONS		SHEET NO. 14	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - AMD,	NAME	DATE		55	0711.2R & 1011.1BR	COOK	741	690
	DRAWN - MAU				CONTRACT NO. 60999				
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	DATE - 03/25/2011			16 SHEETS					

2:49:58 PM

p:\01345\structure\Retaining Wall\ret55b2-3.dgn

4/28/2011