

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEPTH (m)		DEPTH (FT)		SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT)	RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
STRATA								
0.0		DK BROWN SILT & FINE GRAVEL	AU-1 0-1.0	181.88 (596.58)			w=4.5%	
1.0		BLACK SILTY LOAM - SOME COARSE SAND, MEDIUM DENSE	SS-2 1.0-2.5 10" R				w=21.3%	
2.0								
3.0								
4.0								
4.5		BLACK SILTY CLAY, SOFT, MOIST	SS-3 3.5-5.0 10" R	180.32 (593.08)			w=38.4%	
5.0								
6.0				180.36 (591.58)				
7.0		GRAY SILTY CLAY MED. STIFF MOIST, TRACE FINE - COARSE SAND	SS-4 6.0-7.5 16" R				QU=135 B w=22.5%	
8.0								
9.0								
10.0							QU=129 B w=23.7%	
11.0								
12.0								
13.0								
14.0								
15.0							QU=217 B w=22.7%	
16.0								
17.0								
18.0							QU=173 B	
19.0								
20.0							QU=241 B w=21.2%	

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STRATA								
20.0								
21.0								
22.0		GRAY SILTY CLAY, MOIST STIFF TRACE FINE SAND	SS-10 21.0-22.5 18" R				QU=201 B w=23.0%	
23.0								
24.0								
25.0				174.41 (572.08)				
26.0		GRAY SILTY CLAY LOAM MOIST, STIFF TRACE FINE SAND	SS-12 26.0-27.5 18" R				QU=193 B w=13.2%	
27.0								
28.0								
29.0								
30.0							QU=217 B w=15.1%	
31.0								
32.0				172.43 (565.58)				
33.0		GRAY SILT, MOIST, DENSE						
34.0								
35.0							N=13 NP	
36.0								
37.0								
38.0								
39.0								
40.0							N=54 NP w=19.9%	

DEPTH (m)		DEPTH (FT)		SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT)	RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
STRATA								
40.0								
41.0		GRAY SILT, DENSE MOIST						
42.0								
43.0								
44.0								
45.0								
46.0								
47.0				167.86 (550.58)				
48.0		GRAY SILTY CLAY LOAM VERY STIFF, SILT MOIST						
49.0								
50.0								
51.0								
52.0								
53.0								
54.0								
55.0								
56.0				164.96 (541.08)				
57.0		GRAY LOAM, WET, DENSE						
58.0								
59.0								
60.0								

NOTE:

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

BORING LOGS 4
STRUCTURE NO. 016-3240

TYLIN INTERNATIONAL	DESIGNED - DY, LS	REVISIONS							
	CHECKED - AMD, LS	NAME	DATE						
	DRAWN - DY, LS								
	CHECKED - AMD, LS								
DATE - 03/25/2011									

SHEET NO. 71	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	0711.2R & 1011.1BR	COOK	741	674
73 SHEETS		CONTRACT NO. 60999			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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