

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
DEPTH (m)	DEPTH (FT)	DEPTH (m)	DEPTH (FT)				
0.0	0.0	0.0	0.0	SANDY CLAY LOAM, DRY.	AU-1	0-1.0	w = 8.1 %
1.0	1.0	1.0	1.0	STIFF, LITTLE COARSE SAND, GRAY BROWN 181.40 (594.98)			
2.0	2.0	2.0	2.0	LOAM, DARK BROWN, STIFF SOME COARSE SAND, MOIST 180.94 (593.48)	SS-2	1.0-2.5 10" R	w = 13.8 %
3.0	3.0	3.0	3.0	SILTY CLAY, DARK BROWN, LITTLE FINE GRAVEL, MOIST			2" RECOVERY
4.0	4.0	4.0	4.0		SS-3	3.5-5.0 8" R	PIECES OF CONCRETE ENCOUNTERED IN SPOON w = 24 %
5.0	5.0	5.0	5.0	180.18 (590.98)			
6.0	6.0	6.0	6.0	GRAY & BROWN, DK BROWN SILTY CLAY MOIST, LITTLE COARSE FINE SAND SOFT			
7.0	7.0	7.0	7.0		SS-4	6.0-7.5 18" R	QU=40.2 B w = 22 %
8.0	8.0	8.0	8.0				
9.0	9.0	9.0	9.0		SS-5	8.5-10.0 18" R	QU=225 B w = 16.8 %
10.0	10.0	10.0	10.0	178.5 (585.48)			
11.0	11.0	11.0	11.0	NO RECOVERY			NO RECOVERY
12.0	12.0	12.0	12.0		SS-6	11.0-12.5 0" R	
13.0	13.0	13.0	13.0	177.4 (582.98)			
14.0	14.0	14.0	14.0	GRAY SILTY, CLAY, MOIST, TRACE MEDIUM SAND, STIFF	SS-7	13.5-15.0 14" R	QU=160 B w = 19.4 %
15.0	15.0	15.0	15.0	176.98 (580.48)			
16.0	16.0	16.0	16.0	GRAY SILT, MOIST, MED DENSE			
17.0	17.0	17.0	17.0		SS-8	16.0-17.5 16" R	N=11 NP w = 16.6 %
18.0	18.0	18.0	18.0				
19.0	19.0	19.0	19.0		SS-9	18.5-20.0 18" R	N=22 NP w = 15.8 %
20.0	20.0	20.0	20.0				

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20.0	20.0	20.0	20.0				
21.0	21.0	21.0	21.0	GRAY SILT, SL. MOIST, MED. DENSE			
22.0	22.0	22.0	22.0		SS-10	21.0-22.5 18" R	N=22 NP w=16.7%
23.0	23.0	23.0	23.0	174.69 (572.98)			
24.0	24.0	24.0	24.0		SS-11	23.5-25.0 18" R	QU=273 B w=17.6%
25.0	25.0	25.0	25.0				
26.0	26.0	26.0	26.0		SS-12	26.0-27.5 18" R	QU= 48 B w = 24%
27.0	27.0	27.0	27.0	GRAY SILTY, CLAY SL. MOIST TRACE FINE SAND			
28.0	28.0	28.0	28.0	173.16 (567.98)			
29.0	29.0	29.0	29.0		SS-13	28.5-30.0 18" R	QU=273 B w=15.6%
30.0	30.0	30.0	30.0	GRAY SILTY CLAY LOAM, SL. MOIST TRACE FINE SAND			
31.0	31.0	31.0	31.0	170.10 (564.48)			
32.0	32.0	32.0	32.0				
33.0	33.0	33.0	33.0				
34.0	34.0	34.0	34.0		SS-14	33.5-35.0 14" R	N=33 NP w=11.1%
35.0	35.0	35.0	35.0	GRAY SILT, SL. MOIST, DENSE			
36.0	36.0	36.0	36.0				
37.0	37.0	37.0	37.0				
38.0	38.0	38.0	38.0				
39.0	39.0	39.0	39.0		SS-15	38.5-40.0 18" R	N=54 NP EOB AT 40' w=16.8%
40.0	40.0	40.0	40.0	169.51 (555.98)			

**NOTE:**

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

**BORING LOGS 1**  
**STRUCTURE NO. 016-W821**

<b>TYLIN INTERNATIONAL</b>	DESIGNED - MAU	REVISIONS		SHEET NO. 13  16 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - AMD,	NAME	DATE		55	0711.2R & 1011.1BR	COOK	741	689	
	DRAWN - MAU				CONTRACT NO. 60999					
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
	DATE - 03/25/2011									

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