

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
0.0	1.0	2.0	3.0					
0.0	1.0	2.0	3.0	GRAY SILT AND GRAVEL	AU-1 0-1.0		7	w=3.2%
1.0	2.0	3.0	4.0	GRAVEL, BROWN SILTY CLAY LOAM (FILL)	SS-2 1.0-2.5 2" R		5	w=16.7%
3.0	4.0	5.0	6.0	BLACK LOAM, LOOSE AND SILTY CLAY LOAM, STIFF MOIST	SS-3 3.5-5.0 6" R		2	w=31.4%
6.0	7.0	8.0	9.0	SANDY LOAM, WET VERY LOOSE	SS-4 6.0-7.5 14" R		1	w=23.5%
9.0	10.0	11.0	12.0	GRAY-BROWN SILTY CLAY SLIGHTLY MOIST, SOFT TRACE OF FINE SAND	SS-5 8.5-10.0 14" R		1	w=25.2%
12.0	13.0	14.0	15.0		SS-6 11.0-12.5 18" R		3	QU=32 B w=27.1%
16.0	17.0	18.0	19.0	GRAY SILTY CLAY, MEDIUM STIFF, SLIGHT MOIST TRACE FINE SAND	SS-7 13.5-15.0 18" R		3	QU=40 B w=19.7%
19.0	20.0				SS-8 16.0-17.5 18" R		5	QU=137 B w=21.3%
20.0					SS-9 18.5-20.0 18" R		2	QU=128 B w=20.8%

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20.0	21.0	22.0	23.0					
20.0	21.0	22.0	23.0	GRAY SILTY CLAY, MEDIUM STIFF, SL. MOIST, TRACE FINE SAND	SS-10 21.0-22.5 18" R		2	QU=201 B w=20.7%
24.0	25.0	26.0	27.0		SS-11 23.5-25.0 18" R		3	QU=241 B w=21.7%
28.0	29.0	30.0	31.0	DARK GRAY SILTY CLAY, MEDIUM STIFF, MOIST TRACE FINE SAND	SS-12 26.0-27.5 18" R		3	QU=168 B w=19.6%
32.0	33.0	34.0	35.0		SS-13 28.5-30.0 18" R		4	QU=225 B w=20.5%
36.0	37.0	38.0	39.0		SS-14 33.5-35.0 18" R		4	QU=201 B w=14.7%
40.0				GRAY SILT, DENSE, SLIGHT MOIST, TRACE FINE SAND	SS-15 38.5-40.0 18" R		8	N=37 NP w=12.7%

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40.0	41.0	42.0	43.0					
40.0	41.0	42.0	43.0	GRAY SILT, DENSE, SL. MOIST, TRACE FINE SAND	SS-16 43.5-45.0 18" R		12	N=51 NP w=14.1%
44.0	45.0	46.0	47.0		SS-17 48.5-50.0 18" R		13	N=31 NP w=14.7%
48.0	49.0	50.0	51.0		SS-18 53.5-55.0 18" R		10	QU=740 B w=17.3%
54.0	55.0	56.0	57.0	GRAY SILTY CLAY LOAM, MEDIUM DENSE, SLIGHTLY MOIST	SS-19 58.5-60.0 18" R		13	N=34 NP w=9.4%

NOTE:

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

BORING LOGS 12
STRUCTURE NO. 016-0724

TYLIN INTERNATIONAL	DESIGNED -	REVISIONS		SHEET NO. 237	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - AMD,	NAME	DATE		55	0711.2R & 1011.1BR	COOK	741	561	
	DRAWN -				CONTRACT NO. 60999					
	CHECKED - AMD,				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					
	DATE - 03/25/2011									

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4/28/2011