

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEPTH (m)		DEPTH (FT)		STRATA	SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT)	RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
0.0	0.0	1.0	1.0						
2.0	2.0	3.0	3.0	BLACK-GRAY SILT & GRAVEL CINDERS (FILL)	SS-2 1.0-2.5 12" R			w=13.3%	
4.0	4.0	5.0	5.0	SILT, CINDERS & GRAVEL (FILL)	SS-3 3.5-5.0 8" R			w=12.6%	
6.0	6.0	7.0	7.0	GRAY BROWN SILTY CLAY MED. STIFF, MOIST	SS-4 6.0-7.5 12" R			QU=145 B w=20.3%	
8.0	8.0	9.0	9.0		SS-5 8.5-10.0 18" R			QU=112 B w=20.7%	
10.0	10.0	11.0	11.0	GRAY SILTY CLAY, MOIST TRACE FINE SAND, MED. SHIFF	SS-6 11.0-12.5 18" R			QU=145 B w=30.7%	
12.0	12.0	13.0	13.0		SS-7 13.5-15.0 18" R			QU=145 B w=19.7%	
14.0	14.0	15.0	15.0	GRAY SILTY CLAY, MOIST TRACE FINE SAND, MED. SHIFF	SS-8 16.0-17.5 18" R			QU=161 B w=20.7%	
16.0	16.0	17.0	17.0		SS-9 18.5-20.0 18" R			QU=121 B w=21.6%	

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20.0	20.0	21.0	21.0						
22.0	22.0	23.0	23.0	SS-11 23.5-25.0 18" R			QU=113 B w=19.6%		
24.0	24.0	25.0	25.0	GRAY SILTY CLAY LOAM MOIST, STIFF	SS-12 26.0-27.5 18" R			QU=80 B w=33.2%	
26.0	26.0	27.0	27.0		SS-13 28.5-30.0 18" R			QU=72 B w=27.5%	
28.0	28.0	29.0	29.0	GRAY SILTY CLAY LOAM MOIST, STIFF	SS-14 33.5-35.0 18" R			QU=121 B N=15 NP w=12.5%	
30.0	30.0	31.0	31.0		SS-15 38.5-40.0 18" R			N=43 NP w=16.7%	

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40.0	40.0	41.0	41.0						
42.0	42.0	43.0	43.0	GRAY SILTY CLAY LOAM, SL MOIST, HARD, TRACE FINE SAND	SS-17 48.5-50.0 18" R			QU=724 B w=14.3%	
44.0	44.0	45.0	45.0		GRAY SILTY CLAY LOAM, SL MOIST, HARD, TRACE FINE SAND	SS-18 53.5-55.0 18" R			QU=386 B w=16.6%
46.0	46.0	47.0	47.0	GRAY SILT, VERY DENSE DRY SOME FINE TO COARSE SAND		SS-19 58.5-60.0 18" R			EOB AT 60' N=55 NP w=8.1%

NOTE:

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

BORING LOGS 5
STRUCTURE NO. 016-3241

TYLIN INTERNATIONAL	DESIGNED -	REVISIONS		SHEET NO. 70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - AMD,	NAME	DATE		55	0711.2R & 1011.1BR	COOK	741	323	
	DRAWN -				71 SHEETS	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