

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
STRA TA							
	60.0			GRAY SILT. SL. MOIST. VERY DENSE	SS-20 63.5-65.0 14" R	20 100	N=100 NP w=10%
	61.0						
	62.0						
	63.0						
	64.0						
19.5	65.0						
	66.0						
	67.0						
	68.0						
	69.0						
21.0	70.0			SS-21 68.5-70.0 " R	43 100	N=100 NP w=7.9%	
	71.0			HARD CLAY UNTIL CORE BARREL WENT TO 81' BEFORE HITTING ROCK	SS-22 73.5-75.0 " R	42 100	N=100 NP w=14.2%
22.5	72.0						
	73.0						
	74.0						
	75.0						
	76.0						
	77.0						
	78.0						
	79.0						
24.0	80.0						

DEPTH (m)		DEPTH (FT)		SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
STRA TA							
	80.0			TOP OF BEDROCK AT 81'			
	81.0			157.75 (517.44)			
	82.0			WHITE-LIGHT GRAY LIMESTONE-DOLMITE, FINE GRAINED FREQUENT HORIZONTAL FRACTURE VERTICAL FRACTURE@ 83.5'-84.0'	NX-24 81.0-86.0 60" R		REC=100% ROD=21%
	83.0						
	84.0						
25.5	85.0			156.23 (512.44)			
	86.0			END OF BORING AT 86'			
	87.0						
	88.0						
	89.0						
27.0	90.0						
	91.0						
	92.0						
	93.0						
	94.0						
	95.0						
	96.0						
	97.0						
	98.0						
	99.0						
	100.0						

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STRA TA							
	0.0			BROWN SILTY LOAM	AU-1 0-1.0		w=17.3 %
	1.0			BROWN SILTY CLAY LOAM STIFF, TRACE FINE SAND	SS-2 1.0-2.5 14" R	6 5 5	w=19.2 %
	2.0						
	3.0				181.73 (596.72)		
	4.0			BROWN CLAY LOAM MEDIUM STIFF MOIST	SS-3 3.5-5.0 18" R	4 4 4	w=19.3 %
1.5	5.0			181.16 (594.22)			
	6.0			BROWN SILTY CLAY, MOIST MEDIUM STIFF, LITTLE FINE SAND	SS-4 6.0-7.5 12" R	2 2 4	QU=161 B w=21.4 %
	7.0						
	8.0						
	9.0			GRAY-BROWN SILTY CLAY LOAM MEDIUM STIFF, SL MOIST, LITTLE FINE SAND	SS-5 8.5-10.0 12" R	1 2 2	QU=161 B w=20.9 %
3.0	10.0						
	11.0				SS-6 11.0-12.5 18" R	4 6 8	QU=402 B w=19.2 %
	12.0			178.88 (586.72)			
	13.0			GRAY-BROWN SILTY CLAY MOIST, LITTLE FINE SAND STIFF	SS-7 13.5-15.0 18" R	3 4 6	QU=145 B w=19.0 %
4.5	14.0						
	15.0						
	16.0			SS-8 16.0-17.5 18" R	3 4 5	QU=145 B w=17.2 %	
	17.0						
	18.0						
	19.0			SS-9 18.5-20.0 18" R	2 3 4	QU=201 B w=19.1 %	
6.0	20.0						

NOTE:

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

BORING LOGS 13  
STRUCTURE NO. 016-0724

TYLIN INTERNATIONAL	DESIGNED -	REVISIONS		SHEET NO. 238	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
	CHECKED - AMD,	NAME	DATE							741	562		
	DRAWN -												
	CHECKED - AMD,											CONTRACT NO. 60999	
	DATE - 03/25/2011											FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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