

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	STRA TA	STRA TA	STRA TA				
40.0	41.0						
42.0	43.0						
44.0	45.0			GRAY SILT, DENSE, SL. MOIST, TRACE FINE SAND	SS-16 43.5-45.0 18" R	12 21 30	N=51 NP w=14.1%
46.0	47.0						
48.0	49.0				SS-17 48.5-50.0 18" R	13 13 18	N=31 NP w=14.7%
50.0	51.0						
52.0	53.0						
54.0	55.0			GRAY SILTY CLAY LOAM, MEDIUM DENSE, SLIGHTLY MOIST	SS-18 53.5-55.0 18" R	10 12 15	QU=740 B w=17.3%
56.0	57.0						
58.0	59.0				SS-19 58.5-60.0 18" R	13 14 20	N=34 NP w=9.4%
60.0							

DEPTH (m)		DEPTH (FT)		SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
STRA TA	STRA TA	STRA TA	STRA TA				
60.0	61.0						
62.0	63.0						
64.0	65.0			GRAY SILT, SL. MOIST, VERY DENSE	SS-20 63.5-65.0 14" R	20 100	N=100 NP w=10%
66.0	67.0						
68.0	69.0				SS-21 68.5-70.0 " R	43 100	N=100 NP w=7.9%
70.0	71.0						
72.0	73.0						
74.0	75.0				SS-22 73.5-75.0 " R	42 100	N=100 NP w=14.2%
76.0	77.0						
78.0	79.0				SS-23 78.5-80.0 " R		NO SPLIT SPOON
80.0				HARD CLAY UNTIL CORE BARREL WENT TO 81' BEFORE HITTING ROCK			

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STRA TA	STRA TA	STRA TA	STRA TA				
80.0	81.0			TOP OF BEDROCK AT 81'			
82.0	83.0						
84.0	85.0			WHITE-LIGHT GRAY LIMESTONE-DOLOMITE, FINE GRAINED FREQUENT HORIZONTAL FRACTURE VERTICAL FRACTURE 83.5'-84.0'	NX-24 81.0-86.0 60" R		REC=100% ROD=21%
86.0	87.0						
88.0	89.0						
90.0	91.0						
92.0	93.0						
94.0	95.0						
96.0	97.0						
98.0	99.0						
100.0							

NOTE:

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

BORING LOGS 3  
STRUCTURE NO. 016-3240

TYLIN INTERNATIONAL

DESIGNED	BY	LS	REVISIONS	
CHECKED	BY	LS	NAME	DATE
DRAWN	BY	LS		
CHECKED	BY	LS		
DATE				

SHEET NO. 70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
73 SHEETS	55	0711.2R & 1011.1BR	COOK	741	673
CONTRACT NO. 60999					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

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