

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
40.0	41.0	42.0	43.0					
44.0	45.0	46.0	12					
47.0	48.0	49.0	13					
15.0	15.0	15.0	15.0	15.0	GRAY SILTY CLAY LOAM VERY STIFF. SL. MOIST	SS-17 48.5-50.0 18" R	7	QU=659 B w=16.2%
49.0	50.0	51.0	9					
52.0	53.0	54.0	13					
16.5	16.5	16.5	16.5	16.5	GRAY SILT. VERY DENSE SL. MOIST, LITTLE FINE-COARSE SAND	SS-18 53.5-55.0 " R	7	QU=788 B w=11.4%
54.0	55.0	56.0	14					
57.0	58.0	59.0	18					
18.0	18.0	18.0	18.0	18.0	GRAY SILT. VERY DENSE SL. MOIST, LITTLE FINE-COARSE SAND	SS-19 58.5-60.0 " R	20	N=56 NP w=17.2%
59.0	60.0	60.0	21					
60.0	60.0	60.0	35					

DEPTH (m)		DEPTH (FT)		STRATA	SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
60.0	61.0	62.0	63.0					
64.0	65.0	66.0	37					
67.0	68.0	69.0	65					
21.0	21.0	21.0	21.0	21.0	GRAY SILT VERY DENSE MOIST. SOME FINE TO COARSE SAND	SS-21 66.5-70.0 " R	21	N=67 NP w=10.7%
70.0	71.0	72.0	37					
73.0	74.0	75.0	30					
22.5	22.5	22.5	22.5	22.5	LIMESTONE (DOLOMITE) GRAYISH WHITE, FINE GRAINED FREQUENT CEMENTED HORIZONTAL AND VERTICAL FRACTURES	SS-22 73.5-75.0 " R	19	N=100 NP w=17.4%
74.0	75.0	76.0	100					
77.0	78.0	79.0	100					

DEPTH (m)		DEPTH (FT)		STRATA	SOIL / ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY (IN)	BLOW COUNTS	NOTES & TEST RESULTS
80.0	81.0	82.0	83.0					
84.0	85.0	86.0	87.0					
88.0	89.0	90.0	89.0					
27.0	27.0	27.0	27.0	27.0	GRAY SILT VERY DENSE MOIST. SOME FINE TO COARSE SAND	SS-21 66.5-70.0 " R	21	N=67 NP w=10.7%
90.0	91.0	92.0	37					
93.0	94.0	95.0	30					
28.5	28.5	28.5	28.5	28.5	LIMESTONE (DOLOMITE) GRAYISH WHITE, FINE GRAINED FREQUENT CEMENTED HORIZONTAL AND VERTICAL FRACTURES	SS-22 73.5-75.0 " R	19	N=100 NP w=17.4%
94.0	95.0	96.0	100					
97.0	98.0	99.0	100					

NOTE:

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

TYLIN INTERNATIONAL	DESIGNED -	REVISIONS		SHEET NO. 69	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.							
	CHECKED - AMD,	NAME	DATE							71 SHEETS	55	0711.2R & 1011.1BR	COOK	741	322	
	DRAWN -															CONTRACT NO. 60999
	CHECKED - AMD,															
DATE - 03/25/2011			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT													

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4/28/2011