


BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 2
Date 6/27/06

ROUTE IL 251 DESCRIPTION D92-055-04 Box culvert on IL 251, 1 m. S. of N. 45th Road LOGGED BY W. Garza

SECTION _____ LOCATION Mendota Twp. - 20NE, SEC., TWP. 36N, RNG. 1E


COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 050-1004 Station _____
BORING NO. B-2 Station 40' S.
Offset 12.00ft E CL
Ground Surface Elev. 99.70 ft

Description	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	D (ft)	B (/6")	U (tsf)	M (%)
VERY SOFT dark gray SILTY LOAM			0.2	30.0							
			P								
	97.20										
SOFT black SILTY LOAM		1									
		1	0.3	39.0							
	95.70		B								
STIFF dark gray SILTY CLAY LOAM		1									
		3	1.3	23.0							
	93.20		B								
STIFF gray/tan SILTY CLAY LOAM TILL		2									
		2	1.1	23.0							
	90.70		B								
VERY STIFF gray SILTY CLAY TILL		2									
		4	3.3	13.0							
	88.20		B								
VERY STIFF gray SILTY CLAY TILL		4									
		6	2.1	14.0							
	85.70		B								
STIFF gray SILTY CLAY TILL		3									
		5	1.7	13.0							
	83.20		B								
STIFF gray SILTY CLAY TILL		2									
		4	1.7	15.0							
	80.70		B								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



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STIFF gray SILTY CLAY TILL											
		5									
	78.20										
		4	1.5	13.0							
		5	B								
STIFF gray SILTY CLAY TILL		3									
		4	1.3	15.0							
	75.70		B								
STIFF gray SILTY CLAY TILL		2									
		4	1.8	16.0							
	73.20		B								
STIFF gray SILTY CLAY TILL with SILT lens		3									
		6	1.9	15.0							
	70.70		B								
STIFF gray SILTY CLAY TILL		4									
		4	1.7	15.0							
	68.20		B								
STIFF gray SILTY CLAY TILL		1									
		5	1.7	16.0							
	65.20		B								
MEDIUM gray moist fine SAND		4									
		9									
		12									
	62.70										
STIFF gray SILTY CLAY TILL		3									
		5	1.7	16.0							
	60.70		B								

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