

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	215B
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				



Illinois Department of Transportation
 Division of Highways
 District 6

SOIL BORING LOG

Page 1 of 1
 Date 9/7/06

ROUTE Clear Lake-Dirksen DESCRIPTION Clear Lake Storm Sewer LOGGED BY M. Tappan
 SECTION D-6 Spfld-Clearlake LOCATION S 1/4, SEC. 25, TWP. 16 N, RING. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD Push Split Spoon HAMMER TYPE N/A

STRUCT. NO. Station	D E P T H	B L O W S	U L T I M A T E	M O I S T U R E	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.	
					N/A	ft	N/A	ft	ft	ft
BORING NO. CLASS-1	Station 26+75	Offset 63.0 ft LT	Ground Surface Elev. 584.0 ft	First Encounter No Encounter	Upon Completion 576.0 ft	After 5 Days Hrs.				
Brown and Grey Moist SILTY CLAY LOAM Refer Class H-1-1		0.6	24							
		0.6	25							
Brown and Grey Moist SILTY CLAY LOAM Refer Class H-1-2		0.7	25							
		0.5	24							
Brown and Grey Moist Weathered CLAY (fill) Refer Class H-1-3		1.0	23							
		1.0	24							
Brown and Olive Grey Moist Weathered Clayey SHALE Drove 2 ft sample		8	4.5+	13						
		20								
		22								
		39								
Boring Completed										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM T266) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
 Division of Highways
 District 6

SOIL BORING LOG

Page 1 of 1
 Date 8/31/06

ROUTE Clear Lake-Dirksen DESCRIPTION Clear Lake Storm Sewer LOGGED BY M. Tappan
 SECTION D-6 Spfld-Clearlake LOCATION N 1/4, SEC. 36, TWP. 16 N, RING. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. Station	D E P T H	B L O W S	U L T I M A T E	M O I S T U R E	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.	
					N/A	ft	N/A	ft	ft	ft
BORING NO. CLASS-2	Station 29+95	Offset 55.0 ft RT	Ground Surface Elev. 582.6 ft	First Encounter 569.1 ft	Upon Completion 568.1 ft	After 7 Days Hrs.				
Dark Greyish Brown Moist SILTY CLAY LOAM (fill) Classification CLSS-2-1		1								
		3	3.7	23						
		4	S-12							
Dark Grey and Grey Moist		2								
		3	2.2	24						
		5	B							
Dark Grey Moist (fill)/Disturbed		2								
		4	2.6	21						
		4	B							
Olive Grey Moist SILTY CLAY Classification CLSS-2-2		2	2.5	25						
		5	B							
Olive Brown and Grey Moist		1								
		2	0.9	24						
		3	B							
Greyish Brown Moist V. Weathered Silty SHALE Free Water		1								
		5	2.2	18						
		7	P							
Brown and Dark Grey Moist Weathered Clayey SHALE		2								
		20	10+	13						
		46	E							
Grey Dry Fissile With Minor Oxidation		3								
		29	10+	10						
		34	E							

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SOIL BORING LOG

Page 1 of 1
 Date 9/7/06

ROUTE Clear Lake-Dirksen DESCRIPTION Clear Lake Storm Sewer LOGGED BY M. Tappan
 SECTION D-6 Spfld-Clearlake LOCATION S 1/4, SEC. 25, TWP. 16 N, RING. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. Station	D E P T H	B L O W S	U L T I M A T E	M O I S T U R E	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.	
					N/A	ft	N/A	ft	ft	ft
BORING NO. CLASS-3	Station 29+95	Offset 50.0 ft LT	Ground Surface Elev. 582.7 ft	First Encounter 563.7 ft	Upon Completion 561.2 ft	After 8 Days Hrs.				
Grey and Brown Dry SILTY CLAY LOAM (Disturbed) Refer Class CLSS-2-1		3								
		7	2.7	15						
		5	S-8							
Moist		2								
		2	0.9	26						
		2	B							
Grey and Brown to Dark Grey Moist		1	0.4	28						
		1	B							
Brown and Dark Grey V. Moist SILTY CLAY Refer Class CLSS-2-2		0								
		1	0.3	34						
		1	B							
Dark Grey Moist		0								
		1	0.5	26						
		1	B							
V. Dark Grey		1								
		2	0.9	28						
		2	B							
Grey-Brown to Light Grey Moist Silty SHALE		2								
		10	4.5+	12						
		18	P							
Brown and Light Grey Dry Fissile Free Water		4								
		28	10+	10						

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE STRUCTURE BORINGS
 SCALE: NONE
 DATE 02/06
 DRAWN BY MLO
 CHECKED BY CWG