



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 2

Date 10/21/09

ROUTE IL-10 DESCRIPTION Over Sugar Creek Overflow LOGGED BY M. Tappan
SECTION 102 B-2 LOCATION NW 1/4, SEC. 23, TWP. 20 N, RNG. 4 W, 3 PM
COUNTY Logan DRILLING METHOD Mud Rotary HAMMER TYPE 140 # AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.:	D E P T H	B L O W S	U C S Qu	M O I S T T	Description	Elev. ft	B L O W S	U C S Qu	M O I S T T	
																	First Encounter
054-0515 511+50					532.1	523.9	Mud Rotary					Orangish Brown to Gray Fine SANDY GRAVEL (continued)					
		2										Brown Fine Sandy Gravel					
		1	.90	17													
		3	B														
		1										Gray					
		2	1.3	22													
		3	B														
		1										Brown and Olive Gray Moist CLAY LOAM (Till)					
		2	1.6	25													
		3	B														
		1										Gray Moist CLAY LOAM (Till)					
		3	2.1	19													
		4	B														
		1										Black					
		3	1.5	29													
		3	B														
		1										Gray and Brown Moist SILTY CLAY					
		1	.60	21													
		2	B														
		2										Orangish Brown Moist SANDY CLAY LOAM					
		2	.50	21													
		3	S-8														
		4										Orangish Brown to Gray Fine SANDY GRAVEL					
		4															
		5										Gray Moist CLAY LOAM (Till) Interbedded with Medium Sand					
		5															

File Name: S:\SOILS\BENT FILES\LOGAN\054-0515.GPJ Date: 10/21/09 10:41:11 AM User: MTL Job Number: 054-0515

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 2 of 2

Date 10/21/09

ROUTE IL-10 DESCRIPTION Over Sugar Creek Overflow LOGGED BY M. Tappan
SECTION 102 B-2 LOCATION NW 1/4, SEC. 23, TWP. 20 N, RNG. 4 W, 3 PM
COUNTY Logan DRILLING METHOD Mud Rotary HAMMER TYPE 140 # AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. ft	Stream Bed Elev. ft	Groundwater Elev.:	D E P T H	B L O W S	U C S Qu	M O I S T T	Description	Elev. ft	B L O W S	U C S Qu	M O I S T T	
																	First Encounter
054-0515 511+50					532.1	523.9	Mud Rotary					Gray Medium SANDY GRAVEL (continued)					
		25	S-13														
		8															
		5															
		3										Gray Medium SANDY GRAVEL					
		17															
		23															
		15										Gray Moist CLAY LOAM (Till)					
		32	10.7	9													
		49	S-12														
		15															
		17															
		23															
		5															
		43	11.0	8													
		57	S-13														
		22															
		5															
		9															
		23															
		14															
		36															

File Name: S:\SOILS\BENT FILES\LOGAN\054-0515.GPJ Date: 10/21/09 10:41:11 AM User: MTL Job Number: 054-0515

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)

FILE NAME = 72882-021-bor-log.dgn
USER = MTL
PROJECT NO. 072884-B

Coombe-Bloxdorf P.C.
- CIVIL ENGINEERS -
- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
Design Firm License No. 184-002703

USER NAME = .MTL.	DESIGNED - AMC	REVISED -
PLOT SCALE = 0.1667' / IN.	CHECKED - MCB	REVISED -
PLOT DATE = 10/23/2013	DRAWN - MML	REVISED -
	CHECKED - MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 054-0515

SHEET NO. 21 OF 23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	102B-1, 102CR, 102BR-2/RS-5	LOGAN	218	75
CONTRACT NO. 72B82				
ILLINOIS FED. AID PROJECT				