

SOIL BORING LOG

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Date 4/14/10

IDOT - Region 3/Dist 5											
ROUTEFAP (711) IL 119	AP (711) IL 119 DESCRIPTION Box Culvert on IL 119 - 0.25 Miles East of IL 1 LOGGED BY CNA										
SECTION 116CR LOCATION SW, SEC. 1, TWP, 21N, RNG, 12W, 2 nd PM GPS:											
COUNTY Vermilion DR	ORILLING METHOD Hol				Ho	ollow Stem Auger HAMMER TYPE Auton				matic	
STRUCT. NO. 092-8033 Station 627+33 BORING NO. 1 NE Boring	_	D E P T H	B L O W S	U C S Qu	M 0 - S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:		D E P T H	B L O W s	n c s	M O I S
Offset 32.0 ft Lt.	_		_		_	First Encounter 80 Upon Completion	ft				
Ground Surface Elev. 99.9	ft	(ft)	(/6")	(tsf)	(%)	After Hrs. Gray Dirty Coarse Sand to Silt	ft	(ft)	(/6")	(tsf)	(%)
Brown to Black Silty Clay Loam Brown Coarse Sand (Backfill)	99.9	_				with Trace of Gray Clay Loam T (continued) (Drilled Rough - Gravel) Gray Clay Loam Till (Hard)	'ill 76.9				
	_		2			,, (9		
		-5	1 2				74.9	-25	12 14	6.0 B	9
Brown Clay Loam Till with Silt Seams	92.9	_	3 4 6	3.5 B	18	End of Boring					
	-	-10	5 7 8	2.8 B	17			30			
Gray Clay Loam Till	85.9	_	4 5	2.7	14						
Gray Dirty Coarse Sand to Silt with Trace of Gray Clay Loam Till	81.9	-15	8	B							
	-	* =	12 14		15			_			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available. 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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Illinois Department of Transportation

SOIL BORING LOG

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Date 4/14/10

ibo1 - Region arbier a												
ROUTEFAP (711) IL 119	DESCRIPTION Box Culvert on IL 119 - 0.25 Miles East of IL 1 LOGGED BY CNA											
SECTION 116CR LOCATION NW, SEC. 12, TWP. 21N, RNG. 12W, 2 nd PM GPS:												
COUNTY Vermilion DR	RILLING METHOD				Hol	low Stem Auger	HAMMER TYPE			Automatic		
STRUCT. NO. 092-8033 Station 627+33	_	D E P	0	U C S	M 0 1	Surface Water Elev Stream Bed Elev	92.0	_ft _ft	D E P	B L O	U C S	М О І
BORING NO. 2 SW Boring Station 627+25 Offset 35.0 ft Rt.	<u> </u>	H		Qu	S T	Groundwater Elev.: First Encounter	92.4	ft <u>▼</u>	H	S S	Qu	S T
Ground Surface Elev. 99.4	ft	(ft)	(/6")	(tsf)	(%)	Upon Completion _ After Hrs.		_π _ft	(ft)	(/6")	(tsf)	(%)
Black Silty Clay Loam	99.4	_				Gray Clay Loam Till (c			_			
Brown Coarse Sand (Backfill)	98.4											
		_				(Drilled Firmer)			_			
		_	_						_	_		
			1							7	3.5	12
		-5	3					74.4	-25	15	В	
		_				End of Boring			_			
			3									
Dark Gray to Gray Dirty Coarse	92.4	Ţ	7									
Sand/Sand Loam with Silt Seams		_	3						_			
									-30			
			3		17							
		-10	5						-30			
		_							_			
		_	3						_			
			7 10									
		_	10						_			
			1						_			
			2		17							
(Trace of Gray Sand Loam Till)		-15	3						-35			
Gray Clay Loam Till	83.9								_			
		_	3									
			5 7	2.8 B	18							
		_	3						_			
			12	2.3	18							
1			15	R	1	II						

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available. 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)

SHEET 4 OF 7

FILE NAME =	USER NAME = bowerml	DESIGNED -	REVISED -
c:\pw_work\pwidot\bowerml\dØ186764\7080	- sht-BoxCulverts.dgn	DRAWN -	REVISED -
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 11/30/2010	DATE -	REVISED -

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