## Illinois Department of Transportation Division at Highways Illinois Department of Transformation

SOIL BORING LOG

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Date <u>10/27/11</u>

ROUTE	FAI 74	DESCRIP	DESCRIPTION			CMB at Cross Over Eas	LOGGED BY CNA							
SECTION _	SECTION LOCATION					NW, SEC. 9, TWP. 19N, RNG. 13W, 2nd PM GPS:								
COUNTY _	Vermilion	DRILLING METHO	ILLING METHOD			llow Stem Auger	HAMMER TYPE	Automatic						
STRUCT. NO. Station		D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	ft							
Station	15 HTCMB 1335+79 10.0 ft Rt. of Me	ed. CL	w s	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	642.8 ft							
	face Elev. <u>650</u>		(/6")	(tsf)	(%)	After Hrs.	ft							
Black Silly Ci	lay	_												
		-	3	1.0	22									
	Mottled Clay to Silty	648.8	5	E E	~~									
Clay														
		_	2											
			4 5	1.6 B	27									
		<u></u>												
Brown Mottled	Silt with Trace of	644.8	1											
Sand			3 2		16									
		642.8 —	2											
Brown Wet So Trace of San	andy Loam with d	_	0											
			1											
End of Boring	α	640.8 -10	5											
	3													
		_												
		_												
		_	1											

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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SOIL BORING LOG

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Date <u>10/27/11</u>

								GGED BYCNA
COUNTY		I	_OCATIO	Ν _	NE, SE	C. 10, TWP. 19N, RNG.	13W, 2nd PM GPS:	
	Vermilion DRII	DRILLING METHOD			Но	llow Stem Auger	HAMMER TYPE	Automatic
Station BORING NO. Station Offset	16 HTCMB 1414+21 9.0 ft Rt. of Med. C	—   P   T   H	B L O W S	U C S Qu	M 0 1 S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion	ftft645.5 ftft	
Ground Surface Black Silty Clay	ce Elev. <u>651.5</u>	ff   (††)  650.5	(/6")	(tsf)	(%)	After Hrs.	ft	
Brown Mottled S	Silty Clay		5 5 7	1.7 B	31			
Brown Loam		647.0 	3 4 4	1.0 S	18			
Brown Oxidized Small Gravel (	Coarse Sand with (Free Water)	645.5	5 8 12					
		641.5 -10	15 5 4					
End of Boring								
			-					
			-					

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)

McDonough-Whitlow, P.C. Consulting Engineers & Land Surveyors 138 East Wood Street Hillsboro, IL 62049 Phone: 217.532.9233 Fax: 217.532.6300 PROFESSIONAL DESIGN No. 184-002754

FILE NAME =	USER NAME = JLM	DESIGNED	-	REVISED		SOIL BORING LOGS  F.A.  74			F.A.I.	SECTION	COUNTY	TOTAL SHEET
D570967-xxx-xxx-BORINGS.dgn		DRAWN	JLM	REVISED	STATE OF ILLINOIS				74	MEDIAN CABLE 2012-2	VERMILION	120 48
	PLOT SCALE =	CHECKED	TMM	REVISED	DEPARTMENT OF TRANSPORTATION					WESTING ON DEE EGIE E	CONTRACT	T NO. 70967
	PLOT DATE =	DATE		REVISED		SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA TO STA		ILLINOIS FED. A		