

## **SOIL BORING LOG**

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Date \_\_\_5/17/11\_

ROUTE FAP 730 (US 51 Bus)	_ DES	SCRI	PTION		US 5	1 (NB) over Sugar Cree	ek in Normal	L0	OGGE	D BY	C	NA
SECTION 62-ZBR		_ เ	OCAT	ION _	NW, S	EC. 33, TWP. 24N, RN	IG. 2E, 3 <sup>rd</sup> PM(	GPS:				
COUNTY McLean DF	RILLING	MET	ГНОД		Но	llow Stem Auger	HAMMER T	YPE	Automatic			
STRUCT. NO.         057-0054           Station         197+71.43		D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.	752.7 751.7		D E P	B L O	U C S	M 0 -
BORING NO.         2 SW Abut           Station         198+11           Offset         29.0 ft Rt.		H	S	Qu (4-5)	S T	Groundwater Elev.: First Encounter Upon Completion		ft	H	W S	Qu	S T
Ground Surface Elev. 761.4  Black Silty Clay (Topsoil)	<b>ft</b> 761.4	(ft)	(/6")	(tsf)	(%)	After Hrs.	Plugged	ft	(ft)	(/6")	(tsf)	(%)
Brown Mottled Silty Clay (Backfill)	760.4	_				Brown Very Coarse S Large Gravel/Small C	Sand with Cobbles	740.4	<u></u>			
Black Clay Loam (Backfill)	758.4		2							10		
			3		28	Drilled Very Rough f	rom 21' to 27')		- <u>25</u>	10 12		
			2									
			3		28	Gray Clay Loam Till		734.4	_			
		_	2							5		
Gray to Brown Poorly Sorted Angular Dirty Coarse Sand with	751.9		3		28				30	8 13	4.9 B	11
Gravel (Gravel up to 1")			3									
		_	4		11							
			5							4		
(Trace of Brown Sandy Clay Loam Till)		_ <u>15</u>	5 5		11					7 11	3.1 B	11
		_	7						_			
			5 6		9	Gray Poorly Sorted A Sand with Gravel	ngular Coarse	724.4				
			5							8		
		_	9		9				_	8 16		

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)



## **SOIL BORING LOG**

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ate 5/17/11

Division of Highways Illinois Department of Transformation								Date	5/1	7/11
ROUTE FAP 730 (US 51 Bus) DE	SCRI	PTION		US 5	1 (NB) over Sugar Creek in Normal	L0	OGGE	ED BY	C	NA
SECTION 62-ZBR	_ ι	_OCAT	ION _	NW, S	EC. 33, TWP. 24N, RNG. 2E, 3 <sup>rd</sup> PM	GPS:				
COUNTY McLean DRILLING	ME1	ГНОD		Но	llow Stem Auger HAMMER	TYPE		Auto	matic	
STRUCT. NO.         057-0054           Station         197+71.43           BORING NO.         2 SW Abut           Station         198+11           Offset         29.0 ft Rt.	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev.   752.7     Stream Bed Elev.   751.7     Groundwater Elev.:   739.4     Upon Completion   Wash Bored   100.5     Disposed   100.5     Completion   Completion   100.5     Completion   Compl	_ft _ft.▼ _ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
Ground Surface Elev. 761.4 ft Gray Poorly Sorted Angular Coarse	(11)	(10)	(tai)	(70)	After Hrs. Plugged Gray Poorly Sorted Angular Coarse		(11)	(10 )	(LSI)	( //
Sand with Gravel (continued)					Sand with Gravel (continued)	697.9				
		14 16			Gray Sandy Clay Loam Till			50-6"		
	- <u>45</u>	4.0				696.4				
					End of Boring					
		14 16 9								
		12								
	- <u>55</u>	15 14								
	-60	20 23 22					-80			

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BBS, from 137 (Rev. 8-99)

FUHRMANN
ENGINEERING INC.
CIVIL ENGINEERS LAND SURVEYORS
SPHESSON 11th Street
Sphesson 2015
SPHESSON 2015
P

USER NAME = cearlockjd	DESIGNED - VPT	REVISED
	CHECKED - JAF	REVISED
PLOT SCALE = 0:2.0000 ':' / in.	DRAWN - JAF	REVISED
PLOT DATE = 8/12/2014 \$TIME\$	CHECKED - VPT	REVISED

(Sheet 2 of 2)							
SOIL BORINGS	F.A.P. SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
STRUCTURE NO. 057–0256		62-ZBR	MCLEAN	65	50		
			CONTRACT	NO. 7	0540		
SHEET NO. 23 OF 23 SHEETS	ILLINOIS FED. AID PROJECT						