



### SOIL BORING LOG

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Date 6/9/10

ROUTE FA 14 DESCRIPTION IL 15 Bridge over IL 13 (Old Freeburg Rd) & ICG Railroad LOGGED BY KEG

SECTION 27-1-VHB LOCATION St. Clair Twp - 1.4m E of IL 159; W1/2

COUNTY St. Clair DRILLING METHOD CME 55 w/HSA & Mud Rotary HAMMER TYPE Automatic

STRUCT. NO. 082-0051/0052 (existing)	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S	M O I S T
Station _____	(ft)	(#6")	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(#6")	(tsf)	(%)
BORING NO. SB-8					Groundwater Elev.: _____ ft				
Station 710+14					First Encounter 453.7 ft				
Offset 51.3 ft RL					Upon Completion _____ ft				
Ground Surface Elev. 464.66 ft					After 24 Hrs. 460.0 ft				

TOPSOIL - 12 inches	463.7				CLAYEY SILT: Gray (A-4)	444.2			
FILL: Dark brown, sandy clay, trace crushed rock, asphalt, and organics (A-6)	461.7	8	4.5	17		2	3	0.6	19
FILL: Brown, silty clay (A-6)	459.2	7	1.0	17		2	3	-	24
SILTY CLAY: Brown and gray (A-7)	456.7	2	1.2	27		10	10	5.4	21
SILTY CLAY: Brown (A-6)	451.7	1	0.9	27		5	7	1.4	23
SILTY CLAY: Brown (A-7)	449.2	2	0.4	28		7	10	3.3	19
CLAY: Brown and grayish brown, trace sand (A-7)	448.7	2	1.3	22		6	11	B	
CLAYEY SAND: Gray and brown, fine (A-2)		4	1.2	21		3	7	1.4	20
		4				4	9	B	
		2				2	12	-	30
		3				3	15		
		4				4	11	0.3	28
		3				2	12	1.2	29
		4				3	13	B	
		2				2	10		
		3				3	10	0.6	25
		4				4	10	B	
		2				5	8		
		3				6	8	2.9	21
		4				10	10	B	
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