



SOIL BORING LOG

Page 3 of 3

Date 5/17/11

ROUTE FAP 103 DESCRIPTION IL 15 over IL 13 (Freeburg Avenue) and CN-IC RR LOGGED BY KEG

SECTION 27-1-VHB-1 LOCATION Belleville, Illinois

COUNTY St. Clair DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. 082-0051/0052
 Station _____
 BORING NO. SB-13
 Station 703+42.56
 Offset 0.3 ft RT
 Ground Surface Elev. 492.07 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	M-O-I-S-T (%)	DESCRIPTION
0				CLAY: Gray and brown (A-7) (continued) Becomes brown, trace gravel
9				
14			30	CLAYEY SHALE
14				
21				End of Boring
41			20	
50/1				
90				
95				
100				

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, form 137 (Rev. 8-99)



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STRUCT. NO. 082-0051/0052
 Station _____
 BORING NO. SB-14
 Station 700+04.74
 Offset 47.7 ft LT
 Ground Surface Elev. 487.74 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	M-O-I-S-T (%)	DESCRIPTION
0				ASPHALT - 8 inches
3		1.7	21	SILTY CLAY: Gray (A-6)
5		S		
4				SILTY CLAY: Gray (A-6 (17))
4		3.3	19	
5		S		
2				CLAY: Bluish gray (A-7)
4		2.1	21	
7		S		
3				SILTY CLAY: Dark gray (A-6)
3		3.3	21	
5		S		
10				End of Boring
15				
20				

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COUNTY St. Clair DRILLING METHOD CME 550 w/HSA HAMMER TYPE Automatic

STRUCT. NO. 082-0051/0052
 Station _____
 BORING NO. SB-15
 Station 678+61.43
 Offset 0.6 ft LT
 Ground Surface Elev. 469.37 ft

DEPTH (ft)	BULGE (in)	UCS (tsf)	M-O-I-S-T (%)	DESCRIPTION
2		4.5	17	SILT: Brown (A-4)
6		S		
7				SILTY CLAY: Dark gray (A-6)
3		3.0	23	
5		S		
4				SILTY CLAY: Gray (A-6 (15))
5		1.1	22	
4		S		
2				CLAY: Dark gray (A-7)
2		1.0	26	
2		S		
10				End of Boring
15				
20				

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FILE NAME = 0820119-0120-76884-050-Bor-rgl-logs.dgn



USER NAME = brozzano	DESIGNED - MJK	REVISED - -
PLOT SCALE = 2x0.0000 '1' / IN.	CHECKED - JAN	REVISED - -
PLOT DATE = 10/19/2011	DRAWN - MJK	REVISED - -
	CHECKED - JAN	REVISED - -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 082-0119 (E.B.) & 082-0120 (W.B.)

SHEET NO. S-5 OF S-51 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	227
CONTRACT NO. 76884			ILLINOIS FED. AID PROJECT	