



SOIL BORING LOG

Date 5/16/11

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.	DEPTH	BULGE	UCS	M	DESCRIPTION	Surface Water Elev.	Stream Bed Elev.
082-0051/0052	(ft)	(#6")	(tsf)	(%)		ft	ft
Station							
BORING NO. SB-16							
Station 714+07.17							
Offset 47.6 ft RT							
Ground Surface Elev. 480.10							
ASPHALT - 2 inches	479.9						
OIL & CHIP - 4 inches	479.8						
CRUSHED ROCK - 2 inches	479.4	1					
SILT: Gray (A-4)	477.6	4	2.2	22			
SILTY CLAY: Gray (A-7-6 (29))		6					
		3					
		5	2.2	23			
	475.1	5					
SILTY CLAY: Gray (A-6)		3					
		6	2.4	21			
	472.6	5					
SILTY CLAY: Gray (A-6)		2					
		4	2.6	21			
	470.1	5					
End of Boring							

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)



SOIL BORING LOG

Date 5/16/11

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.	DEPTH	BULGE	UCS	M	DESCRIPTION	Surface Water Elev.	Stream Bed Elev.
082-0051/0052	(ft)	(#6")	(tsf)	(%)		ft	ft
Station							
BORING NO. SB-17							
Station 732+57.14							
Offset 4.4 ft LT							
Ground Surface Elev. 465.12							
TOPSOIL - 2 inches	465.0						
SILT: Brown (A-4)		3					
		7					
	462.6	7					
SILTY CLAY: Brown and gray (A-6)		3					
		5	1.9	21			
	460.1	7					
SILT: Dark gray (A-4 (8))		4					
		5	3.8	21			
	457.6	9					
SILTY CLAY: Dark gray (A-6)		4					
		3	1.2	27			
	455.1	4					
End of Boring							

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)

FILE NAME = 0820119-0120-76884-051-BoringLog.dgn



USER NAME = brazzano
 PLOT SCALE = 2:0.0000 '1" / IN.
 PLOT DATE = 10/19/2011

DESIGNED - MJK
 CHECKED - JAN
 DRAWN - MJK
 CHECKED - JAN

REVISED - -
 REVISED - -
 REVISED - -
 REVISED - -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 5-51 OF 5-51 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	228
CONTRACT NO. 76884			ILLINOIS FED. AID PROJECT	