Kaskaskia Engineering Group, LLC

SOIL BORING LOG

Page 1 of 1

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. 082-0051/0052
Station

BORING NO. SB-16
Station 714+07.17
Offset 47.6 ft RT
Ground Surface Elev. 480.10 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
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 6	2.2 S	22
SILTY CLAY: Gray (A-7-6 (29))		3		
	475.1 -5	5 5	2.2 S	23
SILTY CLAY: Gray (A-6)		3		
	472.6	6 5	2.4 S	21
SILTY CLAY: Gray (A-6)		2		
	470.1 -10	4 5	2.6 S	21
End of Boring				
	-15			
	-20			

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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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-17
Station 732+57.14
Offset 4.4 ft LT
Ground Surface Elev. 465.12 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)		BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL - 2 inches	465.0			
SILT: Brown (A-4)		3		
	462.8	7 7		17
SILTY CLAY: Brown and gray (A-6)		3		
	460.1 -5	5 7	1.9 S	21
SILT: Dark gray (A-4 (8))		4		
	457.6	5 9	3.8 S	21
SILTY CLAY: Dark gray (A-6)		4		
	455.1 -10	3 4	1.2 S	27
End of Boring				
	-15			
	-20			

The Uncorfined 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 = 082017-0118-76884-062-Boring Logs.dgn

STV

USER NAME = brazzaro	DESIGNED - RAB	REVISED - ---
	CHECKED - JAN	REVISED - ---
PLOT SCALE = 20.0000 '' / IN.	DRAWN - RAB	REVISED - ---
PLOT DATE = 10/19/2011	CHECKED - JAN	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 082-0117 (E.B.) & 082-0118 (W.B.)
SHEET NO. S-62 OF S-62 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	177
		CONTRACT NO. 76884		
	ILLINOIS FED. AID PROJECT			