

BORING LOG SB-10 (Page 1)

Page 1 of 2

**Kaskaskia**  
Engineering Group, LLC

### SOIL BORING LOG

Date 5/19/11

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

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

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

STRUCT. NO.	082-0051/0052	D	B	U	M	Surface Water Elev.	ft	D	B	U	M	
Station	710+71.52	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O	
BORING NO.	SB-10	P	L	S	I	Groundwater Elev.:	ft	P	L	S	I	
Station	710+71.52	T	O	Q	T	First Encounter	ft	T	O	W	S	
Offset	1.1 ft RT	H	S	Qu	T	Upon Completion	ft	H	S	Qu	T	
Ground Surface Elev.	464.77	ft	(ft)	(/ft)	(tsf)	Alter	Hrs.	ft	(ft)	(/ft)	(tsf)	(%)
TOPSOIL - 2 inches						CLAY: Gray and brown (A-7)						
SLT: Brown, with coal seam, trace organics (A-4)						Trace fine sand						
CLAYEY SLT: Brown (A-4)						SILTY CLAY: Gray (A-6)						
CLAY: Brown and reddish brown, trace organics (A-7)						CLAY: Brown (A-7)						
SILTY CLAY: Gray, with iron stains and nodules, trace roots (A-6)						CLAY: Reddish brown (A-7)						
CLAY: Reddish brown (A-7)						SILTY CLAY: Brown (A-6)						
SILTY CLAY: Brown (A-6)						SILTY CLAY: Gray (A-6)						

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)

BORING LOG SB-10 (Page 2)

Page 2 of 2

**Kaskaskia**  
Engineering Group, LLC

### SOIL BORING LOG

Date 5/19/11

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

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

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

STRUCT. NO.	082-0051/0052	D	B	U	M	Surface Water Elev.	ft	D	B	U	M	
Station	710+71.52	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O	
BORING NO.	SB-10	P	L	S	I	Groundwater Elev.:	ft	P	L	S	I	
Station	710+71.52	T	O	Q	T	First Encounter	ft	T	O	W	S	
Offset	1.1 ft RT	H	S	Qu	T	Upon Completion	ft	H	S	Qu	T	
Ground Surface Elev.	464.77	ft	(ft)	(/ft)	(tsf)	Alter	Hrs.	ft	(ft)	(/ft)	(tsf)	(%)
CLAYEY SLT: Dark brown (A-4)						CLAY: Greenish gray (A-7)						
SILTY CLAY: Gray, trace fine sand (A-6)						SILTY CLAY: Gray, trace fine sand (A-6)						
SILTY SAND: Dark gray (A-3)						CLAY: Greenish gray (A-7)						
WEATHERED LIMESTONE						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 = 082W313\_76884\_005\_Bor-log1.dgn



USER NAME = Scott Whitney	DESIGNED - PMM	REVISED -
PLOT SCALE = 0:2.0000 ' / IN.	CHECKED - DAZ	REVISED -
PLOT DATE = 10/18/2011	DRAWN - SAW	REVISED -
	CHECKED - PMM	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 2**  
**STRUCTURE NO. 082-W313**  
SHEET NO. 5 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	245
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				