Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 7/14/08

ROUTE SBI 1B (Old IL 1) DESCRIPTION Crawfish Creek LOGGED BY E. Sandschafer

SECTION (12A)B-1 LOCATION SE 1/4 - Sec 5, NE 1/4 - Sec 8, SEC., TWP. 1 S, RNG. 12 W, 3 PM

COUNTY Wabash DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 093-0016
Station 117+90

BORING NO. 1
Station 117+39
Offset 4.00ft Lt
Ground Surface Elev. 403.26 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 383.58 ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Washed ft
After ___ Hrs. Samples ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
2" asphalt on 8" concrete pavement.	402.46				
Soft to medium, damp, red, SANDY LOAM.			2		
			3	0.5	10
			4	PP	
	398.76	-5	1		
Stiff, damp, red/brown/gray, CLAY.			2	1.4	15
			4	B	
			2		
			3	1.4	24
			5	B	
		-10	3		
			5	3.0	17
			7	B	
	391.26		3		
Stiff to very stiff, damp, red marbled gray, SANDY CLAY.	390.56		11	2.0	15
Red, SANDSTONE.			27	S	
		-15	44		
	387.96		50/2"		10
Borehole continued with rock coring.			50/1"		
		-20			

Latitude W 87 deg 45.847 min, Longitude N 38 deg 27.131 min, Map Datum WGS 84

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, from 137 (Rev. 8-99)

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ROCK CORE LOG

Date 7/14/08

ROUTE SBI 1B (Old IL 1) DESCRIPTION Crawfish Creek LOGGED BY E. Sandschafer

SECTION (12A)B-1 LOCATION SE 1/4 - Sec 5, NE 1/4 - Sec 8, SEC., TWP. 1 S, RNG. 12 W, 3 PM

COUNTY Wabash CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 093-0016
Station 117+90

CORING BARREL TYPE & SIZE NW, conv dbl bbl, split inner

Core Diameter 2.06 in
Top of Rock Elev. 390.56 ft
Begin Core Elev. 387.96 ft

BORING NO. 1
Station 117+39
Offset 4.00ft Lt
Ground Surface Elev. 403.26 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Red marbled gray, SANDSTONE. *Severely weathered.*	387.96		B1C1	83	23	0.4	
Rock core B1C1 from 18.1' to 18.5' depth Qu = 172 tsf.	383.26	-20					
Gray, SANDSTONE. *Rock core B1C2 from 20.4' to 20.9' depth Qu = 259 tsf.*		-25	B1C2	92	25	0.4	
Rock core B1C3 from 29.0' to 29.6' depth Qu = 234 tsf.	372.96	-30	B1C3	100	57	0.4	
Extent of exploration.		-35					

Benchmark: BM 310 Chiseled square on culvert WW, on East side of Old IL 1, approximately 400' South of existing structure = 401.70' elevation. Provided by Program Development.

Color pictures of the cores Available on request
Cores will be stored for examination until 07/14/09
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

FILE NAME = ...\09S0024-74217-023-boringlogs-01.dgn
CB PROJECT NO 08053-5

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

USER NAME = _CFC_	DESIGNED - GB/MCB	REVISED -	
	CHECKED - MCB	REVISED -	
PLOT SCALE = 0:2.000000 ':' / IN.	DRAWN - TFG	REVISED -	
PLOT DATE = 7/23/2013	CHECKED - MCB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 093-0024
SHEET NO. 23 OF 24 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1B	(12A)B-1	WABASH	52	45
		CONTRACT NO. 74217		
	ILLINOIS	FED. AID PROJECT		