ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG

Page 1 of 1

DATE: 12/17/04

ROUTE: FAS 1597 IL 96 DESCRIPTION: IL 96 over Unnamed tributary to Walnut Creek Ditch LOGGED BY: M. Tappen

SECTION: 14 (W, RS-7) LOCATION: SE 1/4, SEC. 3,TWP. 4 S, RNG. 7 W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

STRUCT. NO.: 075-7200
Station: 1385+86.09

BORING NO.: 1 SE WW
Station: 1385+49
Offset: 10 ft RT
Surface Elev.: 601.1 ft

Surface Water Elev.: 591.0 ft
Stream Bed Elev.: 590.3 ft
Groundwater Elev.:
▽ First Encounter: 586.6 ft
▽ Upon Completion: Washed ft
▼ After: Hrs. Plugged ft

Description	Elev.	(ft)	DEPTH	BLOWS /6"	UCS (tsf)	MOISTURE (%)
Brown Moist SILTY CLAY (Fill)				1		
				2	0.6	23
			-5	1	B	
				1		
				2	0.6	24
				2	B	
	592.60					
Brown Dirty Angular LS GRAVEL				1		
				2		
			-10	7		
				2		
w/ Cherty LS GRAVEL				19		
				22		
				1		
	▽ 586.60			5		
Grey and Brown Weathered LIMESTONE	586.10		-15	95		
Free Water				/5"		
Auger Refusal In LIMESTONE, Boring Completed						
			-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)
Abbreviations W.O.H. - Sampler Advanced By Weight of Hammer, W.O.P. - Advanced by Weight of Pipe, B.S. - Before Seating
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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SECTION: 14 (W, RS-7) LOCATION: SE 1/4, SEC. 3,TWP. 4 S, RNG. 7 W, 4PM

COUNTY: PIKE DRILLING METHOD: HSA HAMMER TYPE: 140# AUTO

STRUCT. NO.: 075-7200
Station: 1385+86.09

BORING NO.: 2 NW WW
Station: 1386+22
Offset: 10 ft LT
Surface Elev.: 602.3 ft

Surface Water Elev.: 591.0 ft
Stream Bed Elev.: 590.3 ft
Groundwater Elev.:
▽ First Encounter: 590.8 ft
▽ Upon Completion: Washed ft
▼ After: Hrs. Plugged ft

Description	Elev.	(ft)	DEPTH	BLOWS /6"	UCS (tsf)	MOISTURE (%)
Brown Moist SILTY CLAY (Fill)				1		
				2	0.9	16
			-5	4	B	
				1		
				2	0.8	26
				2	B	
	593.30			0		
Grey and Brown Moist SILTY CLAY				1	0.6	27
			-10	2	B	
	591.30					
Grey and Brown Moist SILTY CLAY Residuum w/Angular LS Gravel ▽				0		
				3	1.4	26
Free Water				2	B	
	589.30					
Brown and Grey Angular Cherty LS GRAVEL and Clayey Residuum				1		
				3		
			-15	4		
				1		
				5		
				0		
	583.30			0		
Brown and Grey Weathered Cherty LIMESTONE				100		
	582.30		-20	/4"		
Auger Refusal In Light Grey Cherty LS	581.30			100 /3"		
Auger Refusal. Adjusted Sample Increment. Boring Completed						
Refer STA to CL of Existing Stucture - 1385+86 STA Increase to North						
Refer Elevation to BM #109, Chisled Square on NE Headwall= 602.7'			-25			
			-30			
			-35			
			-40			

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FILE NAME = BORING LOG.dgn	USER NAME = nata1	DESIGNED -	REVISED -
		DRAWN - PSBA	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - CSB	REVISED -
	PLOT DATE = 8/16/2013	DATE - 07/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS
BORING LOGS: STA 1385+86.09

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1597	14 (W, RS-7)	ADAMS/PIKE	152	60

CONTRACT NO. 72781

ILLINOIS FED. AID PROJECT