

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

D	B	U	M	Surface Water Elev.: 591.0 ft	D	B	U	M
E	L	S	O	Stream Bed Elev.: 590.3 ft	E	L	S	O
P	O	C	I	Groundwater Elev.:	P	O	C	I
T	W	S		▽ First Encounter: 586.6 ft	T	W	S	
H	S	Qu	T	▽ Upon Completion: Washed ft	H	S	Qu	T
(ft)	/6"	(tsf)	(%)	▽ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)

Brown Moist SILTY CLAY (FIII)

1			
2	0.6	23	
1	B		
2			
2	0.6	24	
2	B		
592.60			
1			
2			
-10			
2			
19			
22			
1			
5			
586.60			
586.10	-15	95	
15			
15			
-20			

Grey and Brown Weathered LIMESTONE  
Free Water  
Auger Refusal In LIMESTONE.  
Boring Completed

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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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

D	B	U	M	Surface Water Elev.: 591.0 ft	D	B	U	M
E	L	S	O	Stream Bed Elev.: 590.3 ft	E	L	S	O
P	O	C	I	Groundwater Elev.:	P	O	C	I
T	W	S		▽ First Encounter: 590.8 ft	T	W	S	
H	S	Qu	T	▽ Upon Completion: Washed ft	H	S	Qu	T
(ft)	/6"	(tsf)	(%)	▽ After: Hrs. Plugged ft	(ft)	/6"	(tsf)	(%)

Brown Moist SILTY CLAY (FIII)

1			
2	0.9	16	
1	B		
2			
2	0.8	26	
2	B		
593.30			
0			
1	0.6	27	
-10	B		
591.30			
0			
3	1.4	26	
2	B		
589.30			
1			
3			
-15			
4			
-35			
1			
5			
0			
583.30			
0			
100			
582.30	-20	14	
-40			

Auger Refusal In Light Grey Cherty LS 581.30 100 /3"  
Auger Refusal, Adjusted Sample Increment, Boring Completed  
Refer STA to CL of Existing Structure - 1385+86 STA Increase to North  
Refer Elevation to BM #109, Chisled Square on NE Headwall= 602.7'

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Pentrometer, E-Estimated)  
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