



Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 4

Date 5/24/05

ROUTE CH 3 DESCRIPTION Horse Creek LOGGED BY E. Sandschafer
SECTION 95-00158-00-BR LOCATION Sec 7 - NE 1/4, Sec 8 - NW 1/4, SEC. TWP. 1 S. RNG. 4 E. 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 041-3031
Station _____

BORING NO. 1 (S Abut)
Station 18' S of exist S Abut
Offset 9.00ft W of centerline
Ground Surface Elev. 469.87 ft

DEPTH (ft)	DELTA (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	DELTA (ft)	UCS (tsf)	MOISTURE (%)
0				Oil & chip surface over mixture of black, oily, CLAY and rock. 468.78	0			
5				Very stiff, damp, brown mottled red. CLAY. 447.87	1		26	
6	+2.5	20		Stiff, damp, gray, CLAY TILL w/ some sand.	2	1.4	15	
6	PP				5	BS		
465.37				Soft, very damp, gray, SILTY CLAY LOAM.	2		15	
					4	1.4	15	
					6	B		
462.87				Very soft, very damp, gray, SILTY LOAM.	2		16	
					5	1.7	16	
					6	B		
					3		15	
					6	1.5	15	
					8	B		
456.87				Soft, damp, gray, SANDY LOAM.	0		19	
					1	S		
					0		16	
					2	0.4	20	
					2	S		
					0		28	
				Many wood fragments.	0	0.3	28	
					1	S		
459.87					0		2	

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 T208) BBS, from 137 (Rev. 8-99)

Latitude N 28 deg 27.45 min, Longitude W 89 deg 47.57 min, Map Datum WGS 84



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0				Stiff, damp, gray, CLAY TILL w/ some sand.	5	1.2	16	
					6	B		
425.37				Medium to stiff, damp, gray, CLAY TILL w/ some sand.	2		18	
					3	1.0	18	
					5	B		
					2		17	
					3	1.0	17	
					5	B		
399.37				Soft to medium, very damp, dark gray, SILTY CLAY.	2		14	
					4	B		
					0		14	
					2	0.5	14	
					4	B		
389.87					0		14	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BORING 1

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-49-0007-1 DATE: 01/12/07
DESIGNED: R.J.P. CHECKED: S.W.M. DRAWN: D.T.M.

BORINGS

SECTION 95-00158-00-BR

C.H. 3 / F.A.S. 789

JEFFERSON COUNTY

STRUCTURE NO. 041-3736 / STATION 20+00