

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2
 Division of Highways DOT District 1 Date 7/2/04
 ROUTE FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICR at Glenasm LOGGED BY M. Metcalf

SECTION 04-3HB-2H-2A(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RNG. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex 084-0517 Pr Station 372+99.97
 BORING NO. 1 N. Abut Station 370+69.6
 Offset 7.08 LL Ground Surface Elev. 627.7 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Brown and Dark Brown Mottled Moist SILTY CLAY (FIll)		
0	Brown and Grey Moist SILTY CLAY (TIll) (FIll)		
1		1.9	22
3		B	
604.70	Brownish Grey Moist SILT (FIll) Poor Recovery		
0		1.0	22
2		P	
602.70 -28	V. Dark Grey Moist SILTY CLAY LOAM		
1		0.7	26
2		B	
5			
609.70	Grey Moist SILTY CLAY		
1		0.8	22
2		B	
3			
617.70 -10	Brown Moist SILTY CLAY (TIll) (FIll)		
1		1.5	17
3		B	
5			
614.70	Brown Moist Mixed SILTY CLAY (TIll) (FIll) and SILT (FIll)		
1		1.5	24
2		B	
4			
612.70 -16	Brown Moist SILTY CLAY (FIll)		
1		1.9	23
2		B	
4			
609.70	Grey V. Moist V. Weathered SILTY CLAY (TIll)		
1		1.0	22
2		B	
4			
607.70 -20	Free Water		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
 Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Sealing
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BBS, form 137 (Rev. 8-99)

Illinois Department of Transportation SOIL BORING LOG Page 2 of 2
 Division of Highways DOT District 1 Date 7/2/04
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SECTION 04-3HB-2H-2A(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RNG. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex 084-0517 Pr Station 372+99.97
 BORING NO. 1 N. Abut Station 370+69.6
 Offset 7.08 LL Ground Surface Elev. 627.7 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Grey V. Moist V. Weathered SILTY CLAY (TIll) (continued)		
0	Grey Moist CLAY LOAM (TIll) (continued)		
596.70	Grey Crystalline LIMESTONE		
595.70	Brown and Grey V. Moist LOAM (TIll)		
0		100	
1		B	
2			
584.70	Auger Refusal - Adjusted Sample Increment - Boring Completed		
0		1.0	20
1		B	
2			
581.70	Grey Moist CLAY LOAM (TIll)		
0		3.8	9
4		B	
11			
50			
4		6.6	8
19		B	
22			
58			
7		1.5	11
28		B	
35			
60			

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Illinois Department of Transportation SOIL BORING LOG Page 1 of 1
 Division of Highways DOT District 1 Date 6/28/04
 ROUTE FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICR at Glenasm LOGGED BY M. Metcalf

SECTION 04-3HB-2H-2A(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RNG. 5 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex 084-0517 Pr Station 372+99.97
 BORING NO. 2 Pier 1 Station 371+67.6
 Offset 23.08 LL Ground Surface Elev. 630.7 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Brownish Grey Moist SILTY CLAY w/Cinders (FIll)		
0	SILTY CLAY (TIll) (continued)		
4		3.0	11
8		B	
13			
677.70	Brown and Grey Moist SILTY CLAY (TIll) w/Limestone Clasts		
1		4.0	10
2		B	
2			
0.5		8-12	
28			
695.70 -6	Disturbed Sample		
0		7.0	9
2		B	
1.0			
26			
3			
692.70	Yellow-Brown Moist SILTY CLAY w/Black Oxidation Spots		
1		7.7	9
1		B	
0.8			
29			
2			
690.70 -10	Brownish Grey Moist SILT w/Black Oxidation Spots, Lenses		
0		4.5	10
1		B	
0.7			
23			
2			
687.70	Grey Moist SILTY CLAY		
0		4	
1		4.5	10
0.9		B	
26			
1			
685.70 -36	SILTY CLAY (TIll)		
1		100	
2		B	
0.9			
26			
1			
684.70	Grey V. Moist V. Weathered SILTY CLAY (TIll)		
0		100	
1		B	
0.9			
26			
2			
682.70	Brown and Grey Mottled		
0		100	
1		B	
0.9			
26			
2			
680.70	Grey V. Moist V. Weathered SILTY CLAY (TIll)		
0		1.8	13
1		B	
1.8			
13			
4			
677.70 -20	Free Water		

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SOIL BORING LOGS
STRUCTURE NO. 084-0517

SHEET NO. 26 27 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8159	110X-3VB-4	SANGAMON	78	51
			CONTRACT NO. 72692		
ILLINOIS FED. AID PROJECT					