

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
SOIL BORING LOG
Page 1 of 1
Date 6/29/04

ROUTE/FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICRR at Glenarm LOGGED BY M. Metcalf

SECTION 084-3HB-2I-28(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RING. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex
Station 372+99.97

BORING NO. 3 Pier 2
Station 372+99.97
Offset 25.0ft
Ground Surface Elev. 596.0 ft

DEPTH (ft)	LOG	TEST	REMARKS	DEPTH (ft)	LOG	TEST	REMARKS
0			Surface Water Elev. N/A ft	0			Stream Bed Elev. N/A ft
0			Groundwater Elev.: First Encounter 582.0 ft Upon Completion 583.0 ft After 24 Hrs. 590.0 ft	0			
0			Grey and Brown Moist SILTY CLAY	0			Grey Dry CLAY LOAM (TII)
4				4			9.2 8
10				10			S-12
25				25			
26			Disturbed Sample	26			6.6 8
27				27			S-15
28				28			
29				29			
30				30			
31				31			
32				32			
33				33			
34				34			
35				35			
36				36			
37				37			
38				38			
39				39			
40				40			

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 Seating
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
Division of Highways
SOIL BORING LOG
Page 1 of 1
Date 6/30/04

ROUTE/FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICRR at Glenarm LOGGED BY M. Metcalf

SECTION 084-3HB-2I-28(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RING. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex
Station 372+99.97

BORING NO. 5 Pier 3-4
Station 374+10.6
Offset 23.0ft
Ground Surface Elev. 603.3 ft

DEPTH (ft)	LOG	TEST	REMARKS	DEPTH (ft)	LOG	TEST	REMARKS
0			Surface Water Elev. N/A ft	0			Stream Bed Elev. N/A ft
0			Groundwater Elev.: First Encounter 586.8 ft Upon Completion 577.8 ft After 312 Hrs. 584.8 ft	0			
0			Grey and Brown Moist SILTY CLAY LOAM (Fill)	0			Grey V. Moist V. Weathered SILTY CLAY (TII)
2				2			0.3 18
4				4			B
5			Yellowish Brown and Grey Moist SILTY CLAY	5			7.2 10
6				6			S-14
7			w/Orange Oxidation Spots	7			
8				8			
9				9			
10			Grey and Brown	10			
11				11			
12				12			
13				13			
14				14			
15				15			
16				16			
17				17			
18				18			
19				19			
20				20			
21				21			
22				22			
23				23			
24				24			
25				25			
26				26			
27				27			
28				28			
29				29			
30				30			
31				31			
32				32			
33				33			
34				34			
35				35			
36				36			
37				37			
38				38			
39				39			
40				40			

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 Seating
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
Division of Highways
SOIL BORING LOG
Page 1 of 2
Date 6/29/04

ROUTE/FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICRR at Glenarm LOGGED BY M. Metcalf

SECTION 084-3HB-2I-28(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RING. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex
Station 372+99.97

BORING NO. 6 S. Abut
Station 375+08.6
Offset 30.0ft
Ground Surface Elev. 622.6 ft

DEPTH (ft)	LOG	TEST	REMARKS	DEPTH (ft)	LOG	TEST	REMARKS
0			Surface Water Elev. N/A ft	0			Stream Bed Elev. N/A ft
0			Groundwater Elev.: First Encounter 583.6 ft Upon Completion 582.6 ft After 24 Hrs. 596.6 ft	0			
0			Grey Moist SILT (Fill) w/Bleed Oxidation Spots	0			Brown and Grey Moist SILTY CLAY (Fill) (continued)
1				1			1.3 29
2				2			4 B
3				3			2.3 26
4				4			4 B
5				5			
6				6			
7				7			
8				8			
9				9			
10				10			
11				11			
12				12			
13				13			
14				14			
15				15			
16				16			
17				17			
18				18			
19				19			
20				20			
21				21			
22				22			
23				23			
24				24			
25				25			
26				26			
27				27			
28				28			
29				29			
30				30			
31				31			
32				32			
33				33			
34				34			
35				35			
36				36			
37				37			
38				38			
39				39			
40				40			

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 Seating
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
Division of Highways
SOIL BORING LOG
Page 2 of 2
Date 6/29/04

ROUTE/FAU 8159 (FR 1-55) DESCRIPTION The West Frontage Road of I-55 over the ICRR at Glenarm LOGGED BY M. Metcalf

SECTION 084-3HB-2I-28(110X-3VB) LOCATION SE 14, SEC. 28, TWP. 14 N, RING. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 084-0005 Ex
Station 372+99.97

BORING NO. 6 S. Abut
Station 375+08.6
Offset 30.0ft
Ground Surface Elev. 622.6 ft

DEPTH (ft)	LOG	TEST	REMARKS	DEPTH (ft)	LOG	TEST	REMARKS
0			Surface Water Elev. N/A ft	0			Stream Bed Elev. N/A ft
0			Groundwater Elev.: First Encounter 583.6 ft Upon Completion 582.6 ft After 24 Hrs. 596.6 ft	0			
0			Brown and Grey Moist SILTY CLAY (continued)	0			
1				1			
2				2			
3				3			
4				4			
5				5			
6				6			
7				7			
8				8			
9				9			
10				10			
11				11			
12				12			
13				13			
14				14			
15				15			
16				16			
17				17			
18				18			
19				19			
20				20			
21				21			
22				22			
23				23			
24				24			
25				25			
26				26			
27				27			
28				28			
29				29			
30				30			
31				31			
32				32			
33				33			
34				34			
35				35			
36				36			
37				37			
38				38			
39				39			
40				40			

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 Seating
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)

SOIL BORING LOGS
STRUCTURE NO. 084-0517

SHEET NO. 27 27 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	8159	110X-3VB-4	SANGAMON	78	52
			CONTRACT NO. 72692		
ILLINOIS FED. AID PROJECT					