

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION Bridge Foundation
District Two Materials Boring Log
Cambridge Twp. NW 1/4 Sec. 4, NE 1/4 Sec. 5 -T15H, R3E
Crown Elev. @ Center of Bridge - 100.0 Sh. 1 of 2
PROJECT BRIDGE 11.82 over Branch Date 08/02/93

ROUTE FA 638 Spring Creek Bored By C. Jenkins
SEC. 136-137-118R-2 STA. 434+00.5 Checked By T. Drath

COUNTY Henry Surf Mat El. 892.4
Boring No. B-1 Gravelator El. 876.1
Sta. 434+20 at Compl.
O/S 7' Lb. C.L.

Ground Surface	Soils				Penetration						
	KL	N	Qu	W	At	Hrs	KL	N	Qu	W	
Asphalt											
STIFF, brown SILTY CLAY.	1.5	P	19				1	0.4	4	B	25
STIFF, black SILTY CLAY.	9	1.6					3	0.4	5	B	21
Same as above.	18	B	25				5	0.5	5	B	23
Same as above.	9	1.7					5	0.5	5	B	23
Same as above.	12	B	23				1				
Same as above.	5	1.2					1				
VERY SOFT, gray black SILTY LOAM.	2	0.1					3	0.4	6	B	21
First Encounter V SOFT, gray black SILTY CLAY.	2	0.4					7				
MEDIUM, gray SILTY CLAY.	1	0.7					22				
MEDIUM, gray SILTY CLAY.	1	0.7					4				
MEDIUM, Same as above.	1	0.6					23				

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear K-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION Bridge Foundation
District Two Materials Boring Log
Cambridge Twp. NW 1/4 Sec. 4, NE 1/4 Sec. 5 -T15H, R3E
Crown Elev. @ Center of Bridge - 100.0 Sh. 1 of 2
PROJECT BRIDGE 11.82 over Branch Date 08/18/93

ROUTE FA 638 Spring Creek Bored By C. Jenkins
SEC. 136-137-118R-2 STA. 434+22.5 Checked By T. Drath

COUNTY Henry Surf Mat El. 892.4
Boring No. B-2 Gravelator El. 876.1
Sta. 434+50 at Compl. WASH.
O/S 8' Lb. C.L.

Ground Surface	Soils				Penetration						
	KL	N	Qu	W	At	Hrs	KL	N	Qu	W	
Asphalt											
STIFF, black SILTY CLAY.	1.1	P	23				2	0.3	3	B	27
MEDIUM, black SILTY LOAM.	6	0.8					1	0.3	3	B	19
STIFF, black SILTY CLAY.	2	1.2					7				
STIFF, gray SILTY CLAY.	3	1.2					5	1.7	8	B	23
SOFT, gray SILTY LOAM.	2	0.6					7				
SOFT, gray SILTY LOAM.	2	0.4					10				
STIFF, gray SILTY CLAY.	3	1.2					9				
SOFT, gray SILTY CLAY.	2	0.3					17				
SOFT, gray SILTY CLAY w/SAND lens.	2	0.3					20				
SOFT, gray SILTY CLAY w/SAND lens.	2	0.3					24				

N-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall. B-Bulge S-Shear K-Estimated P-Penetrometer)

Project Route FA 638
Sec. 136-137-118R-2
County Henry Sh. 2 of 2

Boring No. B-1
Sta. 434+20
O/S 7' Lb. C.L.

Soils	KL	N	Qu	W	At	Hrs	KL	N	Qu	W
VERY DENSE, black SHALE.	100	5"	PEN				78			
Same as above	100	3"	PEN				75			
END OF BORING										

Project Route FA 638
Sec. 136-137-118R-2
County Henry Sh. 2 of 2

Boring No. B-2
Sta. 434+50
O/S 8' Lb. C.L.

Soils	KL	N	Qu	W	At	Hrs	KL	N	Qu	W
VERY DENSE, black SHALE.	100	5"	PEN				78			
END OF BORING ADDER REFUSAL										

ESCA
CONSULTANTS, INC.

DESIGNED BY: JMS 11/08
DRAWN BY: DWH/CJG 11/08
CHECKED BY: RDP 11/08
APPROVED BY: RDP 11/08

SOIL BORING LOGS
STRUCTURE NO. 037-0173

SHEET NO. 5 5 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	638	137-1BR	HENRY	67	18
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64428					