STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 313	(7BY)BR	HENDERSON	68	33
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT=		

SHEET NO. 19
21 SHEETS

Contract #68149

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 11/2/00

ROUTE FAP 313 (US 34) DESCRIPTION US 34 OVER P.D. CREEK LOGGED BY DPS

SECTION (7BY) BR LOCATION SW 1/4,NW1/4, SEC. 29, TWP. 10 N, RNG. 5 W, 4th PM

COUNTY HENDERSON DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. (EXIST): 036-0002 (PROP) N/A
Station 301+37

BORING NO. 1 (S. ABUT)
Station 300+85
Offset 33.00ft LT
Ground Surface Elev. 534.25 ft

Surface Water Elev. 529.56 ft
Stream Bed Elev. 529.19 ft

Groundwater Elev.:
First Encounter 524.3 ft
Upon Completion 1.2" ft
After 24 Hrs. 525.3 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE TAKEN 0-2.5'			
531.75			
Gray SILTY CLAY	2		
	2 4	1.03 S	23
529.25 -5			
Brown & Gray SILTY CLAY	H		
	1 2	0.82 B	27
526.75			
Brown & Gray SILTY CLAY LOAM	H 2 2	1.32 S	20
524.25 -10			
Brown & Gray SANDY CLAY LOAM	H H 1	0.08 B	21
521.75			
Brown SAND	1 1 4		19
519.25 -15			
Brown & Gray SAND	2 1 3		21
516.75			
Gray SANDY CLAY LOAM	3 2 1	0.08 B	22
514.25 -20			
Brown & Gray SAND & GRAVEL	2 3 4		17
	4		
	3 4		16
	2		
-25			
	2 3 4		16
	3 4 7		28
-30			
	1 15 14		11
501.75			
Gray CLAY LOAM TILL	2 3 11	2.47 B	16
-35			
	2 6 9	5.56 B	13
	3		
	6 9	3.09 B	17
-40			

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 T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
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IDOT

SOIL BORING LOG

Page 2 of 2

Date 11/2/00

ROUTE FAP 313 (US 34) DESCRIPTION US 34 OVER P.D. CREEK LOGGED BY DPS

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Stream Bed Elev. 529.19 ft

Groundwater Elev.:
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Upon Completion 1.2" ft
After 24 Hrs. 525.3 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray CLAY LOAM TILL (continued)	4		
	7 9	3.30 B	17
	2		
	5 9	3.09 B	16
-45			
	3		
	5 8	2.47 B	15
486.75			
Gray CLAY LOAM	2		
	3 4	2.27 B	27
-50			
	2		
	3 5	2.27 B	33
481.75			
Gray coarse SAND & GRAVEL	1		
	2 3		20
-55			
	3		
	3 6		18
	4		
	6 6		17
-60			
Gray coarse SAND & GRAVEL (continued)	8		
	8 13		15
	6		
	14 18		16
-85			
	6		
	14 18		15
	4		
	21 28		15
-70			
	6		
	11 23		12
462.75			
* Hole Collapsed @ 18.3' End of Boring			
-80			

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 T206)

BBS, from 137 (Rev. 8-99)

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: 12-44-0001.1	DATE: 11/19/07
DESIGNED: D.A.B.	CHECKED: M.G.B.
	DRAWN: D.T.M.

BORING 1
U.S. 34 OVER P.D. CREEK
F.A.P. 313 / SECTION (7BY)BR
HENDERSON COUNTY
STRUCTURE NO. 036-0052 / STATION 301+23