CONTRACT NO. 70623

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	**	715	293

* (205,57,105)RS-2
** CHAMPAIGN & DOUGLAS

SOIL BORING LOGS

Illinois Department of Transportation
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 4/8/08

ROUTE FAP 808 (IL 130) DESCRIPTION IL Rt. 130 – 1/2 Mile North of 200N LOGGED BY CNA

SECTION (205,57,105) RS-2 LOCATION SW, SEC. 23, TWP. 17N, RNG. 9E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 1129+95

BORING NO. 3 Pipe Culvert
Station 1129+90
Offset 15.0 ft Rt.
Ground Surface Elev. 661.0 ft

Surface Water Elev. ft
Stream Bed Elev. 650.0 ft

Groundwater Elev.:
First Encounter 639.0 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Pavement – Asphalt Widening	659.0				
Gray Mottled Silty Loam to Silty Clay (Embankment)	658.5		2		
		-5	3 4	1.2 B	25
Black Silty Clay (Embankment)			2		
			2 3	0.7 B	26
			2		
		-10	1 2	1.0 P	34
Dark Gray to Gray Mottled Silty Clay	650.5		1		
	648.5		2 4	0.8 B	27
Gray Silty Clay Loam			2		
		-15	3 4	2.1 B	23
Black Silty Clay Loam	645.5		1		
			2 2	0.5 B	36
Brown/Gray Mottled Silty Clay Loam	642.5		0		
	641.0	-20	1 2	0.6 B	29
Gray Clay Loam Till			2		
	639.0 ▼		2 7	1.6 B	14
Brown Medium Sand			4		
			6 8		
	636.0	-35			
End of Boring					
		-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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
Division of Highways
IDOT – Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 4/8/08

ROUTE FAP 808 (IL 130) DESCRIPTION IL Rt. 130 – 1/2 Mile North of 200N LOGGED BY CNA

SECTION (205,57,105) RS-2 LOCATION SW, SEC. 23, TWP. 17N, RNG. 9E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 1129+95

BORING NO. 4 Pipe Culvert
Station 1129+95
Offset 11.0 ft Lt.
Ground Surface Elev. 660.8 ft

Surface Water Elev. ft
Stream Bed Elev. 650.0 ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Brown/Gray Clay Loam to Sandy Clay Loam (Embankment)			2		24
		-5	2		
			2		
			4 5	2.9 B	23
			5		
		-10	8 12	6.1 S	15
	650.3		2		
Black Silty Clay Loam			3 5	2.3 B	23
			2		
		-15	4 6	1.9 B	29
	645.3		2		
Brown/Gray Silty Clay Loam	644.3		2 3	1.9 B	22
Brown Mottled Silt to Silty Clay			0		
	640.8	-20	2 1	0.5 B	28
Gray Clay Loam Till			2		
			3 4	2.5 B	14
			1		
	635.8	-25	2 3	1.0 B	14
End of Boring					
		-30			
		-35			
		-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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)

SHEET 3 OF 4

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STATION 1129+95.00
48" RCCP

SCALE: N/A DRAWN BY: B.B.P.
DATE: 07/18/09 CHECKED BY: G.A.E.

4/4/2008 9:01:57 AM S:\SOILS\BORING LOGS\CHAMPAIGN CNTY\70623.GPJ

4/4/2008 9:01:59 AM S:\SOILS\BORING LOGS\CHAMPAIGN CNTY\70623.GPJ

PLOT DATE = 8/12/2009
FILE NAME = c:\pw_work\PWIDOT\CEARLOCKJD\d0181445\70623-sht-blog1.dgn
PLOT SCALE = 42.3529 ' / IN.
USER NAME = cearlock,gd