STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 7706	23(B-1)	LOGAN	179	136
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 52
52 SHEETS

Contract #72789

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 5/29/07

ROUTE FAU 7706 (BL-55) DESCRIPTION BL-55 (Old US 66) over Salt Creek LOGGED BY M. Tappan

SECTION 23(B-1) LOCATION NE 14, SEC. 2, TWP. 19 N, RNG. 3 W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 054-0005 Ex 054-0512 Pr
Station 99+46

BORING NO. 0512-S S. Abut
Station 102+35
Offset 38.0ft Lt
Ground Surface Elev. 546.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 536.6 ft
Upon Completion Washed ft
After 24 Hrs. 537.6 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Grey Moist LOAM					
Disturbed Sample			1		
			2	0.7	17
			3	S-10	
	542.60				
Brown and Grey Moist SILTY CLAY LOAM			1		
		-5	2	1.0	20
			2	B	
	539.60				
SAND			0		
Brown and Grey Medium Grained Clean SAND			2		
			1		
			0		
Free Water		-10	1		
			1		
			1		
Brown Medium Grained Dirty Sandy GRAVEL			3		
			4		
			0		
Brown Medium to Coarse Grained SAND		-15	1		
			2		
			1		
Washed			3		
			5		
			3		
Washed		-20	2		
SAND (continued)			6		
			4		
Grey Medium Grained SAND w/ Some 1/4" Gravel Washed			10		
			17		
			3		
Grey Medium Grained Sandy GRAVEL Washed		-25	10		
			18		
			3		
Grey Medium Grained SAND Washed			12		
			20		
	517.60				
Grey Poorly to Moderately Indurated Clayey SHALE w/ Calcareous Seams			4		
		-30	18		13
			45		
			17		
		-35	85		11
			15		
			/1"		
Boring Completed	506.10	-40	100		10

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 T206) BBS, from 137 (Rev. 8-99)

File Name S:\IGES\LOGS\F7706 BL55\LOGAN\054-0023 AND 0023 BL 55 OVER SALT CREEK.GPJ Data Template DOT8BGS.GLB\DOT Date Printed 5/29/07
Latitude or Dog 07.000 N Longitude or Dog 89.871 W Datum NAD83 Job Number 196-02-02

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/19/72

ROUTE FAU 7706 (BL-55) DESCRIPTION BL-55 (Old US 66) over Salt Creek LOGGED BY R. Savant

SECTION 23(B-1) LOCATION NE 14, SEC. 2, TWP. 19 N, RNG. 3 W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Manual

STRUCT. NO. 054-0005 Ex 054-0512 Pr
Station 99+46

BORING NO. 1972-2 S. Abut
Station 102+86
Offset 56.0ft Rt
Ground Surface Elev. 547.3 ft

Surface Water Elev. No Data ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter No Data ft
Upon Completion No Data ft
After Hrs. No Data ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dark Brown SILTY CLAY					
Qu ran to 20% Strain			10	0.4 B	25
		-5			
Brown and Grey Qu ran to 20% Strain			7	0.8 B	26
Qu ran to 20% Strain			6	0.5 B	30
	538.80				
SAND		-10			
Grey Fine Grained SAND			5		
Free Water					
			17		
		-15			
Brown			18		
			15		
		-20			
SAND (continued)			33		
Brown Fine Grained SAND					
Grey Fine to Coarse Grained SAND			43		
		-25			
V. Fine Grained			42		
			26		
Grey SHALE	518.80	-30			
			100		
			100 /6"		
		-35			
	511.30		100 /2"		
Boring Completed		-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 T206) BBS, from 137 (Rev. 8-99)

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Latitude Longitude Datum Job Number 196-02-02

DESIGNED	JJD
CHECKED	EML
DRAWN	JJD
CHECKED	EML

HORNER & SHIFRIN, INC.
ENGINEERS

BORING LOGS
F.A.U. ROUTE 7706 - SECTION 23(B-1)
LOGAN COUNTY
STATION 99+46.00
STRUCTURE NO. 054-0512