STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 7706	23(B-1)	LOGAN	179	131
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 47
52 SHEETS

Contract #72789

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. 1972-3 N. Abut
Station 95+07
Offset 55.0ft Lt
Ground Surface Elev. 544.3 ft

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

Groundwater Elev.:
▽ First Encounter 535.8 ft
▽ Upon Completion No Data ft
▼ After Hrs. No Data ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
				Dark Brown SILTY CLAY
	6		33	
-5				
	14	0.4 B	23	
538.30				SAND
	3			Brown SAND AND GRAVEL
				▽ Free Water
-10				
	8			Grey Coarse Grained SAND
	13			Medium Grained
-15				
	13			Brown Fine Grained SAND
	17			
-20				

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
	28			SAND (continued)
				Brown Fine Grained SAND
				Grey SAND AND GRAVEL
	39			
-25				
	41			
	32			Grey Fine Grained SAND
515.80				Grey SHALE
	100			
-30				
	100 /6"			
508.30				
	100 /2"			Boring Completed
				Converted to gINT 06/15/07 MRM
-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)

File Name S:\SOILS\GINT FILES\LOGAN\054-0005 AND 0513 BL-55 OVER SALT CREEK.GPJ Data Template DOTSAM7X.GDT Date Printed 6/8/07
Latitude Longitude Datum Job Number 204-SB-06

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 6/4/07

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-N N. Abut
Station 96+54
Offset 40.0ft Lt
Ground Surface Elev. 544.6 ft

Surface Water Elev. 537.8 ft
Stream Bed Elev. 532.7 ft

Groundwater Elev.:
▽ First Encounter 537.6 ft
▽ Upon Completion Washed ft
▼ After 72 Hrs. 537.1 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
				Brown and Dark Grey Moist SILTY CLAY
	1			
539.60				Disturbed Sample
-5	2	1.0	21	
	3	B		Sandy GRAVEL
				Brown Medium Grained Dirty Sandy GRAVEL
	5			▽
	4			Wood In Sampler
	3			▼ Free Water
-10	1			
	3			Grey
	4			
	6			
	5			Washed
	4			
	5			
-15	4			Grey Medium Grained Sandy GRAVEL
	4			Washed
	6			
	7			Washed
	8			
	6			
-20	8			Washed

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
	15			Sandy GRAVEL (continued)
533.60				Grey Poorly Indurated Clayey SHALE w/Calcareous Seams
	6			
	24		11	
	30			
	7			
-35	48		12	
	46			
	40			
-30	100 /3"		10	
	12			Grey Poorly Indurated Clayey SHALE w/Calcareous Seams
-35	42		12	
509.10	58			
				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
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File Name S:\SOILS\GINT FILES\LOGAN\054-0005 AND 0513 BL-55 OVER SALT CREEK.GPJ Data Template DOTSAM7X.GDT Date Printed 6/8/07
Latitude 40 Deg 07.080 N Longitude 89 Deg 33.624 W Datum NAD83 Job Number 204-SB-06

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 6/6/07

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 / 054-0513 Pr
Station 99+46

BORING NO. 0513-N N. Abut
Station 96+54
Offset 42.0ft Rt
Ground Surface Elev. 544.1 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
▽ First Encounter 537.1 ft
▽ Upon Completion Washed ft
▼ After Hrs. Plugged ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
				Brown and Grey Moist SILTY CLAY
	1			
	2	0.6	22	
	2	B		
	1			
-5	2	0.7	24	
	1	B		
537.10				▽
	1			
	3			SAND
	3			Grey Medium Grained SAND
				▼ Free Water
	1			
-30	1			Grey Medium Grained Sandy GRAVEL
	2			
	3			
	7			Washed
511.60	5			
				Auger Refusal – Boring Completed
	2			
-35	4			Washed
	4			
	2			
	3			Washed
	5			
	4			
-40	5			Washed

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
	7			SAND (continued)
532.60				Grey Moist Poorly to Moderately Indurated Clayey SHALE w/ Calcareous Seams
	4			
	10		11	
	27			
	7			
-35	26		14	
	54			
	50			
-30	100 /1"		10	Grey Moist Poorly to Moderately Indurated Clayey SHALE w/ Calcareous Seams
511.60	100 /3" B.S.		14	Auger Refusal – 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
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Latitude 40 Deg 07.080 N Longitude 89 Deg 33.624 W Datum NAD83 Job Number 204-SB-06

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