

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 48 52 SHEETS
F.A.U. 7706	23(B-1)	LOGAN	179	132	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #72789



SOIL BORING LOG

Page 1 of 1
Date 6507

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

SECTION 28(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.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	(ft)	(#)	(%)	(min/ft)	(in)	(%)
054-0005 Ex	99+46	0512-P1 Pier 1	97+63	40.0ft L4	543.7																					
Brown and Dark Grey Moist SILTY CLAY																										
Disturbed Sample																										
Brown Medium Grained Dirty Moist SAND																										
Brown Medium Grained Wet Sandy GRAVEL																										
Grey Medium Grained SANDY GRAVEL																										
Washed																										
Washed																										
Washed																										

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) EBS, from 187 (Rev. 8-99)



ROCK CORE LOG

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Date 6507

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

SECTION 28(B-1) LOCATION NE 14, SEC. 2, TWP. 19 N, RNG. 3 W, 3 PM

COUNTY Logan CORING METHOD Water

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	CORING BARREL TYPE & SIZE	D	C	O	Q	R	E	S
054-0005 Ex	99+46	0512-P1 Pier 1	97+63	40.0ft L4	543.7	NQZWL							
Grey Poorly to Moderately Indurated Clayey SHALE w/Calcareous Seams (continued)													
Closed Joints Spaced at 2"-12"													
Open Joints Spaced at 2"-12"													
Open Joints Spaced at 2"-12"													
Open Joints Spaced at 2"-12"													
Equipment Malfunction caused core breakage, low RQD for Run 4													
Boring Completed													

Color pictures of the cores Yes, On File
Cores will be stored for examination until 5 Years after Construction
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
RQD is the ratio of the total length of sound core specimens >4" to total length of core run

EBS, form 138 (Rev. 8-99)



SOIL BORING LOG

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

SECTION 28(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.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.	(ft)	(#)	(%)	(min/ft)	(in)	(%)
054-0005 Ex	99+46	0512-P1 Pier 1	97+63	40.0ft R4	543.7																					
Brown and Grey Moist LOAM																										
Sandy GRAVEL (continued)																										
Sandy GRAVEL																										
Brown and Grey Moist Medium Grained Sandy GRAVEL																										
Grey Free Water																										
Washed																										
Grey Medium Grained Sandy GRAVEL																										
Washed																										
Washed																										

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DESIGNED	JJD
CHECKED	EML
DRAWN	JJD
CHECKED	EML

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

