

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOWNSHIP	SHEET NO.	SHEET NO. 18 18 SHEETS
F.A.S. 1774	113(B-5, B-6)	LOGAN	60	35	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract #72760

Illinois Department of Transportation
Division of Highways
District 6 Materials

SOIL BORING LOG

Page 1 of 2 Date 5/12/04

ROUTE FAS 1774 DESCRIPTION Old Il. 121 over Kickapoo Creek LOGGED BY M. Metcalf

SECTION 113(B-5, B-6) LOCATION SW 14, SEC. 24, TWP. 20 N, RNG. 3 W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 054-0018 Ex
054-0505 Pr
Station 1723+50

BORING NO. 3 S. Abut
Station 1724+67
Offset 13.0 ft LI
Ground Surface Elev. 568.5 ft

D E P T H H S	B L O S I S Q U T	U L T I M E T E R	M O D E L S T R I P E S	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft	D E P T H H S	B L O S I S Q U T	M O D E L S T R I P E S	U L T I M E T E R
						Grey V. Silty Coarse Grained SAND and GRAVEL w/2" LOAM Seams				
						Coarse Grained SAND and GRAVEL Washed				
						Dark Grey Moist CLAY LOAM (TI) (FI)				
						Grey Loamy Medium Grained SAND w/Occasional Gravel Washed				
						Grey Moist SILTY CLAY LOAM w/ Red Oxidation Spots				
						Grey LOAM Poor Recovery Washed				
						Brown V. Moist SILTY CLAY				
						SAND				
						Dark Grey V. Moist LOAM w/ Medium SAND Seams				
						Silty Medium Grained SAND and GRAVEL Washed				
						Free Water at Bottom				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) (B.S. - Before Seating)
BBS, from 137 (Rev. 8-99)

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						SAND (continued)				
						Drilled Hard 41-43'				
						Medium Grained SAND and GRAVEL Washed				
						Boring Completed				
						Refer Elevation to BM cb-0115, Chisled Square on SE WW = 568.93'				
						Refer STA to Back of existing South Abutment = 1724+60 Increase to South				
						Medium to Coarse Grained GRAVEL Washed				
						Fine Silty SAND Washed				
						w/3" Grey CLAY LOAM (TI) Seam Washed				

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BORING DATA
F.A.S. RTE. 1774-SEC. 113(B-5, B-6)
LOGAN COUNTY
STATION 1723+50.00
STRUCTURE NO. 054-0505