

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 2
Date 7/16/07

ROUTE FAU 6578 (Airport Rd) DESCRIPTION Airport Rd over Kickapoo Cr Trib & UPRR LOGGED BY JAR

SECTION (1-VC)BR LOCATION SEC. TWP. RNG.
Latitude Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE Automatic

STRUCT. NO. 072-0201(prop) D E L C M O
Station 45+42 P O S I S
T W S O U T

BORING NO. 5 (N.ABUT) H S Qu T
Station 47+65
Offset 4.00ft LT
Ground Surface Elev. 506.47 ft (ft) (/6") (tsf) (%)

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 483.5 ft
Upon Completion NONE ft
After _____ Hrs. N/A ft

Soil Description	Depth (ft)	Blow Count (N)	Penetration (in/6")	Soil Type	Notes
Ok. Brown SILTY CLAY LOAM	0-1				
	1-1	1.0	7		
	1-1	P			
Brown SILTY CLAY LOAM	502.47				
	1-1	1.3	26		
	-5-2	B			
Brown & Gray CLAY LOAM	499.97				
	2-2	3.0	15		
	3-3	P			
	2-2				
	-10-2	2.8	19		
	3-3	P			
Brown & Gray LOAM	474.97				
	2-2	2.5	19		
	2-2	P			
	1-1				
	-15-6	1.8	13		
	4-4	P			
	2-2				
	3-3	2.1	28		
	4-4	B			
	1-1				
	-20-4	3.0	14		

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)

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First Encounter 483.5 ft
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After _____ Hrs. N/A ft

Soil Description	Depth (ft)	Blow Count (N)	Penetration (in/6")	Soil Type	Notes
Brown & Gray LOAM (continued)	4				
	1-1				
sandy @ 41.5'	3-7	1.8	24		
	3-3	P			
	3-3				
	4-4	2.4	20		
	6-6	S			
	3-3				
	3-3	1.8	22		
	5-5	B			
	3-3				
	5-5	1.9	21		
	-30-6	S			
Brown & Gray LOAM	474.97				
	7-7				
	7-7	NO			RECOVERY
	8-8				
	4-4				
	-35-6	2.3	22		
	6-6	P			
	8-8				
	4-4	3.0	13		
	5-5	P			
	1-1				
	-40-3	1.0	22		

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BBS, from 137 (Rev. 8-99)

BORING LOGS
AIRPORT ROAD OVER U.P.R.R.
AND KICKAPOO CREEK TRIBUTARY
STATION 45+42.00

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

STS AECOM 111 NE Jefferson Avenue Peoria, IL 61602 T 309.676.8464 Fax 309.676.5445 IL Design Firm Reg. No. 184-001518 www.stsconsultants.com	SHEET NO. 31 OF 33 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		6578	(1-R)RS(1-VC)BR	PEORIA	142	92
		STRUCTURE NO. 072-0201		CONTRACT NO. 68092		
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				