STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 3

Date 7/18/07

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)
Station 45+42

BORING NO. 6 (S.ABUT)
Station 43+69.5
Offset 12.00ft LT
Ground Surface Elev. 515.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion WASHED ft
After 24 Hrs. 500.0 ft ▽

Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown & Gray SILTY CLAY LOAM			5		
			5 6	1.0 P	9
			4		
		-5	5 5	1.5 P	7
			2		
			2 2	1.3 P	14
	506.00				
Brown & Gray CLAY LOAM			2		
		-10	2 2	1.8 P	20
			2		
			4 4	3.0 P	11
			2		
		▽15	3 4	2.8 P	13
			4		
			2 3	3.3 P	11
			3		
NO RECOVERY IN SPOON		-20	6		
Brown & Gray CLAY LOAM (continued)			8		
			5		
			3 4	1.5 P	15
			3		
		-25	4 5	2.2 S	20
			2		
			3 4	1.7 B	22
			3		
		-30	3 9	1.8 B	24
			3		
			5 8	2.5 B	21
			4		
		-35	8 12	2.6 S	20
			5		
			8 14	3.7 S	21
			9		
		-40	22	4.5	12

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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Description	Elev. (ft)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown & Gray CLAY LOAM (continued)			44	P	
	473.50				
Gray SHALE			77		
			100@3"		
Borehole continued with rock coring.		-45			
		-50			
		-55			
		-60			

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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
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Peoria, IL 61602
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Fax 309.676.5445
IL Design Firm Reg.
No. 184-001518
www.stsconsultants.com

SHEET NO. 32 OF 33 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6578	(1-R)RS(1-VC)BR	PEORIA	142	93
STRUCTURE NO. 072-0201		CONTRACT NO. 68092		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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