

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
IDOT

ROCK CORE LOG

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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 CORING METHOD

STRUCT. NO. 072-0201(prop) CORING BARREL TYPE & SIZE NWD4 x 5' Dual tube
Station 45+42
BORING NO. 6 (S.ABUT) Core Diameter 2.1 in
Station 43+69.5 Top of Rock Elev. 473.50 ft
Begin Core Elev. 472.00 ft
Offset 12.00ft LT
Ground Surface Elev. 515.00 ft

Description	Strength (ksi)	D	C	R	T	S
Gray SHALE (continued)	6.7% M	1	90	57		51.0
Geomechanics Class of Rock Mass(GCRM)= 29, Poor Rock	6.8% M	-45				10.1
	5.6% M	469.01				29.1
GCRM=49, Fair Rock	6.3% M					38.9
	6.0% M					44.3
	7.2% M	2	97	83		36.9
Limestone(fragments) 49', 53' & 56'	7.1% M					49.3
	8.4% M	-50				14.5
	8.1% M					24.8
	7.4% M					42.9
	7.0% M					59.4
	6.7% M					49.1
	6.3% M	462.00				113.0
GCRM=25, Poor Rock	7.4% M	3	58	22		44.6
	7.6% M	-55				14.4
	7.4% M					57.8
End of Boring		457.00				

Color pictures of the cores Yes
Cores will be stored for examination until Construction complete
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS. form 138 (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

STSAECOM 111 NE Jefferson Avenue Peoria, IL 61602 T 309.676.8464 F 309.676.5445 IL Design Firm Reg. No. 184-001518 www.stsconsultants.com	SHEET NO. 33 OF 33 SHEETS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		6578	(1-R)RS(1-VC)BR	PEORIA	142	93A
STRUCTURE NO. 072-0201		CONTRACT NO. 68092		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

93A