Kaskaskia Engineering Group, LLC

ROCK CORE LOG

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Date 9/14/10

ROUTE FAI 57/FAP 331 DESCRIPTION FAI 57 over IL Rte 13 LOGGED BY KEG

SECTION (X1-6-2)HBK-2 LOCATION Marion; N 1/2 Section 14, TWP 9S, RNG 2E

COUNTY Williamson CORING METHOD Rotary, surface set diamond bit

STRUCT. NO. 100-0088 (NB) & 100-0089 (SB) CORING BARREL TYPE & SIZE NX conv dbl bbl split inner

Station

Core Diameter 2 in

BORING NO. B-6 Top of Rock Elev. 421.57 ft

Station 1492+15.99 Begin Core Elev. 415.90 ft

Offset 71.3 ft Rt

Ground Surface Elev. 469.57 ft

	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
SHALE: Gray 415.90		1	92	83	11	
	55					
		2	88	87	7	
	60					
405.90						
End of Boring						
	65					
	70					

Color pictures of the cores Yes

Cores will be stored for examination until

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

CMT CRAWFORD MURPHY & TILLY, INC. CONSULTING ENGINEERS SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

FILE NAME = ...\1-57\086_BORING LOGS IX.dgn	USER NAME = Rob Heady	DESIGNED - BPD	REVISED -
		CHECKED - WLB	REVISED -
	PLOT SCALE =	DRAWN - GLD	REVISED -
	PLOT DATE = 10/7/2011	CHECKED - BPD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS IX
STRUCTURE NO. 100-0088 (N.B.) & 100-0089 (S.B.)
SHEET NO. 75 OF 75 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HBK-2	WILLIAMSON	968	660
* F.A.I. 57 AND F.A.P. 331		CONTRACT NO. 78182		

ILLINOIS FED. AID PROJECT