



Illinois Department of Transportation
Division of Highways
SCI Engineering, Inc.

ROCK CORE LOG

Date 9/28/12

ROUTE FAP Route 42 (IL 127) DESCRIPTION IL 127 Over Kaskaskia River LOGGED BY SCI (HHF)

SECTION 1-1BR-2 LOCATION Carlyle, IL, SEC. 31, TWP. 2N, RNG. 2W,
Latitude, Longitude

COUNTY Clinton CORING METHOD Wireline

STRUCT. NO. 014-0014 CORING BARREL TYPE & SIZE NX
Station 140+00
BORING NO. B-3x Core Diameter 2.3 in
Station 132+36 Top of Rock Elev. 388.00 ft
Offset 8.5 ft LT Begin Core Elev. 388.00 ft
Ground Surface Elev. 436.0 ft

DEPTH (ft)	RECOVERY (%)	ROQ (%)	CORE TIME (min/ft)	STRENGTH (tsf)
387.50	1	88	0	3
386.70	2	100	87	1
-50				
-55				
380.25	3	97	95	3.4
379.25				
-60				
-65				
375.00	4	100	30	4.6
374.30				
-65				
371.20	5	100	73	5.2
-65				
				7.2

Color pictures of the cores _____ y _____
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)



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DEPTH (ft)	RECOVERY (%)	ROQ (%)	CORE TIME (min/ft)	STRENGTH (tsf)
367.40	6	100	100	4
-70	7	100	93	1.1
-75				
362.00	8	100	100	2.25
-75				
-80				
358.30				
-85				

Color pictures of the cores _____ y _____
Cores will be stored for examination until _____
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BBS, form 138 (Rev. 8-99)



USER NAME =	DESIGNED - RLM	REVISED
	CHECKED - JTH	REVISED
PLOT SCALE =	DRAWN - PRC	REVISED
PLOT DATE = 2/1/2013	CHECKED - RLM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCK CORE LOG B-3X
STRUCTURE NO. 014-0033

SHEET NO. 54 OF 61 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
42	1-1BR-2	CLINTON	159	123
			CONTRACT NO. 76479	
ILLINOIS FED. AID PROJECT				