

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROCK CORE LOG B-5 (Page 1 of 2)

Illinois Department of Transportation
Division of Highways
District 40, Chicago

ROCK CORE LOG

Page 1 of 2
Date 3/19/10
LOGGED BY Larry Myers

ROUTE FA 24 (IL 23) DESCRIPTION IL 23 over Short Point Creek

SECTION 102 B-1 LOCATION SE 1/4, SE 1/4, SEC. 8, TWP. 29N, RNG. 4E

COUNTY Livingston CORING METHOD Split Barrel Wire Line

STRUCT. NO. 053-0161 CORING BARREL TYPE & SIZE N W/L 2
Station 625+82

BORING NO. 5 (SE Quad) Core Diameter 1.9 in
Station 626+53 Top of Rock Elev. 579.48 ft
Begin Core Elev. 577.48 ft
Offset 14.00 ft
Ground Surface Elev. 601.98 ft

DEPTH (ft)	CORE (%)	RECOVERY (%)	Q. D. (%)	TIME (min)	STRENGTH (psi)
25	1	83	63	4.4	37.4
					3.9
572.48	2	100	82	5.6	4.3
587.48	3	100	85	6	8.5
582.48	4	88	77	4.6	
557.48					

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)

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DEPTH (ft)	CORE (%)	RECOVERY (%)	Q. D. (%)	TIME (min)	STRENGTH (psi)
45	5	100	75	5.2	21.4
					51.1
552.48					
530					

End of Boring

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)

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

BORING LOGS 3
STRUCTURE NO. 053-0189

SHEET NO. 25 OF 26 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	68	(102)BR-1	LIVINGSTON	58	36
		SN 053-0189	CONTRACT NO. 66822		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					