

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
Geotechnology, Inc.

ROCK CORE LOG

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Date 3/31/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY DTC

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair CORING METHOD Wireline

STRUCT. NO. 082-0326 CORING BARREL TYPE & SIZE NX
Station NA
Core Diameter 2 in
BORING NO. B-423 Core Top of Rock Elev. 303.7 ft
Station 16+26.06 Begin Core Elev. 303.7 ft
Offset 23ft RT
Ground Surface Elev. 419.7 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
1	100	93	3	781.0	Hard, gray, very finely crystalline, massive, fresh, excellent quality, LIMESTONE
2	100	98	2		Clay parting
					Shale parting
293.7					End of Boring

Color pictures of the cores Yes
Cores will be stored for examination until 9-30-09
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

AECOM

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ROCK CORE: B-423
1 OF 1

DESIGNED - P.J.L.
CHECKED - DDB
DRAWN - BRD
CHECKED - DDB

03/31/2011



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SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair CORING METHOD Wireline

STRUCT. NO. 082-0326 CORING BARREL TYPE & SIZE NX
Station NA
Core Diameter 2 in
BORING NO. B-424 Core Top of Rock Elev. 300.4 ft
Station 13+37.77 Begin Core Elev. 300.4 ft
Offset 5ft LT
Ground Surface Elev. 419.4 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
1	100	67		484.0	Hard, gray, very finely crystalline, massive, slightly weathered to fresh, LIMESTONE
2	97	97			
3	100	43			becoming argillaceous, medium to thin bedded
290.4					End of Boring

Color pictures of the cores Yes
Cores will be stored for examination until 9-30-09
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

ROCK CORE: B-424
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BORING LOGS - V
STRUCTURE NO. 082-0326

SHEET NO. S33	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	235	
S36 SHEETS	F.A.U. 9166 / F.A.U. 9180		CONTRACT NO. 76C51		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			