WB-12 Run-1

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
800 Aurelius Road, Suite 204
Naperville, Illinois 60565
630-505-1936

ROCK CORE LOG

PAGE 1 of 2
DATE 46-82009
LOGGED BY DR
GSI JOB No. 08201

ROUTE I-70
DESCRIPTION I-70 Tri-Level Connection IDOT Job No. D-98-059-08
SECTION XX
LOCATION I-70 Curved Approach Structures Retaining Wall
COUNTY St. Clair
CORING METHOD Rotary Wash
STRUCT. NO. XX
CORING BARREL TYPE & SIZE NX Double Swivel-10 ft
Station: 140+70 to 147+35
Core Diameter 2.0 in
BORING NO. WB-12
Top of Rock Elev. 300.0
Station: 147+25
Begin Core Elev. 299.5
Offset: 60.0' Left
Ground Surface Elev. 413.0

	DEPTH (ft)	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
RUN 1 (-113.5' to -123.5') Mississippian System, Valmeyeran Series Limestone Light gray & fine grained with horizontal bedding becoming. Some chert replacement throughout. Numerous horizontal fractures throughout.	299.5 -118.5 -123.5	1	100.0	44.3	n/a	10250@ -113.5'

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

WB-12 Run-2&3

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ROCK CORE LOG

PAGE 2 of 2
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ROUTE I-70
DESCRIPTION I-70 Tri-Level Connection IDOT Job No. D-98-059-08
SECTION XX
LOCATION I-70 Curved Approach Structures Retaining Wall
COUNTY St. Clair
CORING METHOD Rotary Wash
STRUCT. NO. XX
CORING BARREL TYPE & SIZE NX Double Swivel-5 ft
Station: 140+70 to 147+35
Core Diameter 2.0 in
BORING NO. WB-12
Top of Rock Elev. 300.0
Station: 147+25
Begin Core Elev. 299.5
Offset: 60.0' Left
Ground Surface Elev. 413.0

	DEPTH (ft)	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
RUN 2 (-123.5' to -125.5') Mississippian System, Valmeyeran Series Limestone Light gray & fine grained with horizontal bedding becoming. Numerous horizontal fractures throughout.	289.5	2	84.0	16.5	n/a	n/a
RUN 3 (-125.5' to -130.5') Mississippian System, Valmeyeran Series Limestone Light gray & fine grained with horizontal bedding becoming. Numerous horizontal fractures throughout.	277.5 -128.5 -133.5	3	100.0	16.5	n/a	9720@ -128.5'

Color pictures of the cores Yes Cores will be stored for examination for XX
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

..\B82038-CONN-05-011-MS.DGN ..\B82038-CONN-05-011-MS.DGN ..\B82038-CONN-03-001-R0.DGN
6-03-2010, 08:57:15 BONDALJO \\FS-0014\ANYVAL_12-TRANS.07\2222-2056-001\STRUCT\CAD\01 DESIGN\082W234\SHEET\082W234-CONN-05-033-SHT-MS.DGN

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION RETAINING WALL	SOIL BORING LOGS 11 OF 11	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - TCG	REVISED -			998	82-2-1HVB	ST. CLAIR	285 / 235
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED -	REVISED -			SN 082-W234		CONTRACT NO. 76C44	
	PLOT DATE = $DATE$	DATE - 06/04/10	REVISED -		SCALE: NTS / SHEET NO. W-14 OF W-14 / STA. 140+57.64 TO STA. 147+35.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	