



ROCK CORE LOG

Page 1 of 1

Date 10/2/09

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY MDM
 SECTION Bridge over Chain of Rocks Canal LOCATION SEC.30, TWP. 4N, RNG. 9W, PM
 COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. Station	CORING BARREL TYPE & SIZE NX Wireline	D E P T H (ft)	C O R E R E Y (#)	R E C O V E R Y (%)	R Q D E M E (%)	C O R E T I M E N G T H (min/ft)	S T R E N G T H (tsf)
LIMESTONE: Gray Finely Crystalline, Thick bedded, trace seams			1	100	80	3	418.3
Boring terminated due to loss of core barrel		292.58	-145				

Color pictures of the cores Yes
 Cores will be stored for examination until 2012
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
 BBS, form 138 (Rev. 8-99)



ROCK CORE LOG

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Date 11/29/09

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY NEB
 SECTION Bridge over Chain of Rocks Canal LOCATION SEC.30, TWP. 4N, RNG. 9W, PM
 COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. Station	CORING BARREL TYPE & SIZE NX Wireline	D E P T H (ft)	C O R E R E Y (#)	R E C O V E R Y (%)	R Q D E M E (%)	C O R E T I M E N G T H (min/ft)	S T R E N G T H (tsf)
LIMESTONE: Light gray, Finely Crystalline, trace seams, Banded		297.58	1	60	15		
SHALEY LIMESTONE: Gray, Finely Crystalline, trace seams, Thin bedded							
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded		295.86	2	100	71	8	496.8
Core Run 2- RMR Rating 70 : II - Good Quality Rock Mass							
SHALEY LIMESTONE: Gray, Finely Crystalline, trace seams, Thin bedded		292.08					
LIMESTONE: Light gray, Finely Crystalline, trace seams, Thick bedded		291.83					
SHALE: Gray, Soft, Thin bedded		288.86	3	100	89	5	781.2
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded		287.50					
Core Run 3- RMR Rating 77 : II - Good Quality Rock Mass							
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded		284.91					
Core Run 4- RMR Rating 70 : II - Good Quality Rock Mass							
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded		280.08	4	100	83	5	

Color pictures of the cores Yes
 Cores will be stored for examination until 2012
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Date 11/29/09

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY NEB
 SECTION Bridge over Chain of Rocks Canal LOCATION SEC.30, TWP. 4N, RNG. 9W, PM
 COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. Station	CORING BARREL TYPE & SIZE NX Wireline	D E P T H (ft)	C O R E R E Y (#)	R E C O V E R Y (%)	R Q D E M E (%)	C O R E T I M E N G T H (min/ft)	S T R E N G T H (tsf)
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded (continued)							190.1
LIMESTONE: Light gray, Finely Crystalline, trace seams, Massive bedded		276.58	5	100	97	5	
Core Run 5- RMR Rating 80 : II - Good Quality Rock Mass							859.7

Color pictures of the cores Yes
 Cores will be stored for examination until 2012
 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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3/15/2011 5:06:22 PM



USER NAME = jmlgus	DESIGNED - BWC	REVISED -
FILE NAME = 0600345-76A91-117-SBL.DGN	CHECKED - LGP	REVISED -
PLOT SCALE = NONE	DRAWN - JM	REVISED -
PLOT DATE = 3/18/2011	CHECKED - BSK	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
 STRUCTURE NO. 060-0345
 BRIDGE SHEET NO. 117 OF 133 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	496
			CONTRACT NO. 76A91	
ILLINOIS FED. AID PROJECT				