ROCK CORE

SN: 6S084I072L105.9

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

ROCK CORE LOG

Page 1 of 1

Date 5/22/12

ROUTE I-72 WBL DESCRIPTION Sign Truss over I-72 WBL LOGGED BY M. Tappan

SECTION - LOCATION SW 1/4, SEC. 21, TWP. 16, RNG. 4, 3 PM

COUNTY Sangamon CORING METHOD Water

STRUCT. NO. 6S084I072L105.9
Station

CORING BARREL TYPE & SIZE NQ2WL
Core Diameter 2 in
Top of Rock Elev. 547.00 ft
Begin Core Elev. 543.00 ft

BORING NO. 1 N. Shoulder
Station 149+87
Offset 82.0ft LT
Ground Surface Elev. 558.0 ft

		DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Dark Gray Poorly Indurated Micaceous SHALE. Thinly Banded with Dark Gray Seams. Closed Joints 2" - 12"	543.00		1	86	36		
							42.4
							8.2
	538.00	-20					
Sta.'s and Elev.'s Provided by Dist. 6 Surveys		-25					
		-30					
		-35					

Color pictures of the cores Yes, On File
Cores will be stored for examination until 5 Years after Construction
The "Strength" column represents the unlaxial compressive strength of the core sample (ASTM D-2938)
RQD is the ratio of the total length of sound core specimens >4" to total length of core run BBS, form 138 (Rev. 8-99)

ROCK CORE: S:\Structures\6S084I072L105.9 SIGN TRUSS OVER I-72 WBL.GPJ DISTEMP1.GDT 5/19/12

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SECTION - LOCATION SW 1/4, SEC. 21, TWP. 16, RNG. 4, 3 PM

COUNTY Sangamon CORING METHOD Water

STRUCT. NO. 6S084I072L105.9
Station

CORING BARREL TYPE & SIZE NQ2WL
Core Diameter 2 in
Top of Rock Elev. 546.70 ft
Begin Core Elev. 540.20 ft

BORING NO. 2 Median
Station 150+19
Offset 7.0ft LT
Ground Surface Elev. 555.7 ft

		DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Gray Moderately Indurated Calcareous SHALE. With Thinly Bedded Dark Gray Seams.	540.20		1	100	78		
							41.3
							71.3
	535.20	-20					
Sta.'s and Elev.'s Provided by Dist. 6 Surveys		-25					
		-30					
		-35					

Color pictures of the cores Yes, On File
Cores will be stored for examination until 5 Years after Construction
The "Strength" column represents the unlaxial compressive strength of the core sample (ASTM D-2938)
RQD is the ratio of the total length of sound core specimens >4" to total length of core run BBS, form 138 (Rev. 8-99)

ROCK CORE: S:\Structures\6S084I072L105.9 SIGN TRUSS OVER I-72 WBL.GPJ DISTEMP1.GDT 5/19/12

FILE NAME = S:\Sign Truss Plan Details\46358\SIGN STRUCTURES\SignRepl.dgn	USER NAME = posadasds	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOG
	PLOT SCALE = 100.0000 ft / in.	DRAWN -	REVISED -		
Default	PLOT DATE = Sep-05-2013 07:14:31AM	CHECKED -	REVISED -		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	DISIBICI 6	VARIOUS	30	29
		CONTRACT NO. 46305		
	ILLINOIS FED. AID PROJECT			