

8/6/2009

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	JOB SHEETS	SHEET NO.
F.A.P. 301	21-VBR 21RS-2	STEPHENSON	112	80
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 32
32 SHEETS

Contract #64D15

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Rock Core Description

Sh. 1 of 1

PROJECT P92-171-90 BRIDGE Over the C.C.R.R. Date 12/03/93
 ROUTE FA 5 Bored By C. Jenkins
 SEC. 21-VBR STA. 785+69.26 Checked By T. Bratt
 COUNTY Stephenson

Boring No. B-1 Ground Surface Elevation 884.8
 Sta 785 + 22 Rock Surface Elevation 889.5
 O/S 29' Rt. Begin Coring Elevation 882.3

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Rock Core Description

Sh. 1 of 1

PROJECT P92-171-90 BRIDGE Over the C.C.R.R. Date 12/03/93
 ROUTE FA 5 Bored By C. Jenkins
 SEC. 21-VBR STA. 785+69.26 Checked By T. Bratt
 COUNTY Stephenson

Boring No. B-4 Ground Surface Elevation 884.5
 Sta 786 + 25 Rock Surface Elevation 885.5
 O/S 29' Lt. Begin Coring Elevation 882.0

PROFILE			CORE Notes
From	To	Description	
862.3	857.3	DOLOMITE - Yellow-buff w/a fracture zone visible from 861.9 to 861.0, minor solution cavities are visible at random intervals	Core Run #1 Begin Elev.: 862.3 End Elev.: 857.3 Recovery=4.3'/5'= 86% RQD= 1.4' / 5' = 28%
857.3	852.3	Qu values are as follows: 862.3 - 862.0 = 1811 PSI 858.7 - 858.0 = 2319 PSI 2174 PSI 857.0 - 856.5 = 3188 PSI 856.5 - 856.0 = 1739 PSI 854.9 - 854.5 = 2609 PSI	Core Run #2 Begin Elev.: 857.3 End Elev.: 852.3 Recovery=5'/5'= 100% RQD= 2.9' / 5' = 57.8%

PROFILE			CORE Notes
From	To	Description	
862.0	857.0	DOLOMITE: - Same as B-1	Core Run #1 Begin Elev.: 862.0 End Elev.: 857.0 Recovery=4.0'/5.0'= 80% RQD= 1.5' / 5.0' = 30%
857.0	852.0	Qu values are as follows: 861.0 - 860.6 = 3496 PSI 852.9 - 852.5 = 1956 PSI	Core Run #2 Begin Elev.: 857.0 End Elev.: 852.0 Recovery=5.0'/5.0'= 100% RQD= 3.0' / 5.0' = 60%

DESIGNED	MMH
CHECKED	CEN
DRAWN	R.VEJAR
CHECKED	CEN

SOIL BORINGS - SHEET 3
 US 20 OVER ILLINOIS CENTRAL RAILROAD
 F.A.P. RTE. 301 - SEC. 21-VBR & 21RS-2
 STEPHENSON COUNTY
 STATION 569+56.19
 STRUCTURE NO. 089-0077

HOH HARRY G. HEFFER-ASSOCIATES, INC.
 DESIGN AND CONSULTING ENGINEERS
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 312-546-8121

PROJECT NUMBER
2945