

**Illinois Department
of Transportation**
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/27/06

ROUTE FAI 280 DESCRIPTION P92-045-02 I-280 over Mill Creek, 0.6 m. E. of US 67 LOGGED BY M. Vack

SECTION 81-1VB & 81-1HB-1 & 2 LOCATION Blackhawk Twp. - 24SE, SEC., TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-2d
Station 286+50
Offset 72.00 ft Rt CL
Ground Surface Elev. 566.6 ft (ft) (6") (tsf) (%)

Surface Water Elev. _____ ft
Stream Bed Elev. 561.6 ft
Groundwater Elev.:
First Encounter 559.6 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

DRY brown fine SAND	565.10			
MEDIUM brown SILTY LOAM	562.80	3 3 6	1.8 P	
LOOSE brown fine SAND	560.60	2 3 3		
VERY LOOSE gray very moist fine SAND	557.60	1 1 2		
MEDIUM gray weathered LIMESTONE	555.60	4 16 18		
VERY DENSE weathered LIMESTONE	553.90	100/1"		
Borehole continued with rock coring.				

**Illinois Department
of Transportation**
Division of Highways
DOT

ROCK CORE LOG

Page 1 of 1

Date 2/27/06

ROUTE FAI 280 DESCRIPTION P92-045-02 I-280 over Mill Creek, 0.6 m. E. of US 67 LOGGED BY M. Vock

SECTION 81-1VB & 81-1-HB-1 & 2 LOCATION Blackhawk Twp. - 24SE, SEC. 2, TWP. 17N, RNG. 2W

COUNTY Rock Island CORING METHOD

STRUCT. NO. CORING BARREL TYPE & SIZE

Station

Core Diameter 1.5 in

BORING NO. B-2d

Top of Rock Elev. 557.60 ft

Station 286+50

Begin Core Elev. 553.60 ft

Offset 72.00 ft RL CL

Ground Surface Elev. 565.6 ft

DEPTH
(ft)

CORE
(#)

RECOVER
(%)

R.Q.D.
(%)

CORE
(min/ft)

STRENGTH
(tsf)

Dolomite: buff/light gray, dense and considerably fractured with some pitting evident.

548.60

Dolomite: as above, though not as fractured.
T.S.F.: 544.3 to 543.6

543.60

Dolomite: as above
T.S.F.: 542.6 to 542.1

542.60

End of Boring

538.60

BORINGS (Sheet 2 of 4)
STRUCTURE NUMBERS 081-0026 (E.B.) & 081-0027 (W.B.)

PROFESSIONAL DESIGN FIRM LICENSE #184-001084 © Copyright Hanson Professional Services Inc. 2010  HANSON Hanson Professional Services Inc.		JOB NO. 05R1532A	SHEET NO. 38 40 SHEETS	F.A. R.T.E. 280	SECTION 81-1(B-1)R	COUNTY Rock Island	TOTAL SHEETS 503	SHEET NO. 451
		DATE 05/21/10		CONTRACT NO. 64815 ILLINOIS FED. AID PROJECT				

LAYOUT	ROD	5/21/10
DRAWN	ROD	5/21/10
REVIEWED	MAN/JEH	5/21/10

Q71212040
c:\working\ms0382\080026-08\0027-6-8\5.dgn