

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/23/06

ROUTE FAI 280 DESCRIPTION P92-045-02 I-280 over US 67, .75 m. S. of Rock River LOGGED BY W. Garza

SECTION 81-1VB & 81-1-HB-1 & 2 LOCATION Blackhawk Twp. - 23 SE. SEC. , TWP. 17N, RNG. 2W

COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	DEPT H	BLOW S	UCS Qu	MOIST T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	DEPT H	BLOW S	UCS Qu	MOIST T
Station	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.	(ft)	(/6")	(tsf)	(%)
BORING NO. B-3c														
Station 256+00														
Offset ft CLE Abutment														
Ground Surface Elev. 585.0	ft													
MEDIUM brown LOAM			0.8 P	20										
VERY STIFF brown SILTY CLAY LOAM	582.50	5	3.1 B	20										
	581.00	8												
STIFF light brown SILTY LOAM		4	1.0 P	19										
	578.50	6												
VERY STIFF light brown SILTY LOAM		3	2.0 P	18										
	576.00	6												
STIFF light brown SILTY LOAM		2	1.0 P	18										
	573.50	7												
STIFF light brown SILTY LOAM		5	1.0 S	19										
	571.00	8												
VERY STIFF light brown SILTY LOAM		5	2.1 P	17										
	568.50	11												
VERY STIFF light brown SILTY LOAM		7	2.0 P	16										
	566.00	7												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

REVISED
7-20-07 EEC
Revised Boring Station
to 256+00



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ROCK CORE LOG

Page 1 of 1

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SECTION 81-1VB & 81-1-HB-1 & 2 LOCATION Blackhawk Twp. - 23 SE. SEC. , TWP. 17N, RNG. 2W

COUNTY Rock Island CORING METHOD

STRUCT. NO.	CORING BARREL TYPE & SIZE	DEPT H	CORE RECOVERY	R.Q.D.	CORE TIME	STRENGTH
Station		(ft)	(%)	(%)	(min)	(tsf)
BORING NO. B-3c						
Station 256+00						
Offset ft CLE Abutment						
Ground Surface Elev. 585.0	ft					
Dolomite: buff-white, dense, first 24" severely fractured, some crystalline faces visible.		1	90	0	5.6	
As above: some laminating visible.		2	100	0	4.2	
As above: T.S.F.: 540.7 to 540.4 test segment cracked before reaching reasonable value.		3	100	27	3.6	377
End of Boring						

REVISED
7-20-07 EEC
Revised Boring Station to 256+00

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

SOIL BORING LOG B-3c
STRUCTURE NO. 081-0022 (E.B.)
STRUCTURE NO. 081-0023 (W.B.)



INFRASTRUCTURE
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SHEET NO. 53	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
54 SHEETS	280	81-1(HB-2)R	ROCK ISLAND	503	335
CONTRACT NO. 64815					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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DESIGNED	
CHECKED	
DRAWN	SV
CHECKED	SPK