

**Illinois Department
of Transportation**
Division of Highways
1007

Page 1 of 1

Date 3/2/06

ROUTE	FAI 280	DESCRIPTION	67	LOGGED BY W. Garza
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SECTION 81-1VB & 81-1-HB-1 & 2 LOCATION Blackhawk Twp. - 24SE, SEC. 1, TWP. 17N, RNG. 2W

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

STRUCT. NO. _____	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. _____ ft
Station _____					Stream Bed Elev. <u>551.6</u> ft
BORING NO. <u>B-4d</u>					Groundwater Elev.: _____
Station <u>285+63</u>					First Encounter <u>558.6</u> ft ▼
Offset <u>ft CL</u>					Upon Completion _____ ft
Ground Surface Elev. <u>573.6</u> ft	(ft)	(ft)	(ft)	(%)	After _____ Hrs. _____ ft

Soil Description	Depth (ft)	Moisture (%)	Plasticity (%)	Notes
MEDIUM brown LOAM		0.5	P	12
	571.10	8		
STIFF brown SANDY LOAM		13	1.8	13
	569.60	20	P	
		5		
VERY STIFF dark gray LOAM		6	2.1	15
	567.10	9	P	
		2		
MEDIUM dark gray LOAM		5	1.0	15
	564.60	9	P	
		4		
MEDIUM dark gray SANDY LOAM		3	0.8	15
	562.10	4	B	
		2		
STIFF dark gray SANDY LOAM		4	1.8	13
	559.10	5	P	
		9		
MEDIUM dirty SAND & GRAVEL		13		
	557.10	10		
		100/7		
VERY DENSE tan/light gray weathered LIMESTONE	555.10			
Borehole continued with rock coring.				

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)



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ROUTE	FAI 280	DESCRIPTION	67	LOGGED BY W. Garza

SECTION B1-1VB & B1-1-HB-1 & 2 LOCATION Blackhawk Twp. - 24SE, SEC. , TWP. 17N, RNG. 2W

COUNTY	Rock Island	CORING METHOD	R	CORE	S
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STRUCT. NO.		CORING BARREL TYPE & SIZE		D E P T H	C O R E	C O V E R Y	Q U A L I T Y	T I M E	R E M A I N I N G	T H
Station		Core Diameter								
BORING NO.	B-4d	Core Diameter	1.5 in							
Station	285+63	Top of Rock Elev.	556.60							
Offset	R CL	Begin Core Elev.	555.10 ft							
Ground Surface Elev.	573.6 ft			(ft)	(#)	(%)	(%)	(min/ft)	(hr)	

Interval	1	100	30	2.6	903.3
Dolomite: buff-white, dense with occasional laminations, some crystalline faces visible. T.S.F.: 553.1 to 552.6					
Dolomite: as above with pyrite crystals visible T.S.F.: 547.7 to 547.1	2	100	37	2.6	493.8
Dolomite: as above T.S.F.: 544.3 to 543.7	3	100	45	4.8	578.5
End of Boring					

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

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JOB NO.
05R1532A

DATE
05/21/10

SHEET NO.40

40 SHEETS

F.A. RTE.	280
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SECTION

81-1(B-1)R

COUNTY
Rock Island

CONTRACT NO. 64815

TOTAL SHEETS	SHEET NO.
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503	453
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ILLINOIS	FED. AID PROJECT
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27/2/2010
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AYOUT	Rod	5/21/10
RAWN	Rod	5/21/10
VIEWED	MNM/JEH	5/21/10