STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1

Date 6/1/09

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 Retaining Wall, .4 m. N. of Townline road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Byron Twp. - 36SW. SEC., TWP. 25N. RNG. 10E

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

STRUCT. NO.
Station

BORING NO. B-6j
Station 1034+00
Offset 10.00ft Lt CL
Ground Surface Elev. 687.60 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 680.6 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SOFT brown SILTY CLAY LOAM	685.60			0.3 P	25.0
VERY SOFT brown SILTY LOAM	683.60		1 2 3	0.2 P	29.0
MEDIUM tan weathered LIMESTONE	681.60	-5	7 8 7		
MEDIUM tan weathered LIMESTONE	678.10		5 8 18		
Borehole continued with rock coring.		-10 -15 -20			

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)

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ROCK CORE LOG

Page 1 of 1

Date 6/1/09

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 Retaining Wall, .4 m. N. of Townline road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Byron Twp. - 36SW. SEC., TWP. 25N. RNG. 10E

COUNTY Ogle CORING METHOD

STRUCT. NO.
Station

CORING BARREL TYPE & SIZE

Core Diameter 2 in
Top of Rock Elev. 683.60 ft
Begin Core Elev. 678.10 ft

BORING NO. B-6j
Station 1034+00
Offset 10.00ft Lt CL
Ground Surface Elev. 687.60 ft

Description	Elev.	DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Dolomite: tan-yellow-buff, first 1.5 ft. thinly laminated, sand seam visible 675.9 to 672.6 and 673.5 to 673.3	678.10	-10	1	90	0	10	
Dolomite: buff-brown-green, dense, moderate to massively bedded, with random, easily separated, parting planes throughout.	673.10	-15	2	100	37	4	353.0
End of Boring	668.10	-20 -25					

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)

BORING LOGS
STRUCTURE NO. 071-7006

DESIGNED	CTH
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

Howard R. Green Company

SHEET NO. 10	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11 SHEETS	742	37R-4	OGLE	867	263
			CONTRACT NO. 64E17		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		