

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2 north of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW, SEC., TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTH	BLOW	UNCONSOLIDATED	MOISTURE	Surface Water Elev.
Station	(ft)	(/ft)	(tsf)	(%)	ft
B-28d					
729+00					
13.00ft Lt CL					
Ground Surface Elev. 682.80					
12" Asphalt					
STIFF light brown SILTY CLAY LOAM	680.80	1	1.8	27.0	
		4	P		
	678.80				
MEDIUM tan weathered LIMESTONE, moist		1			
		7			
	676.80				
MEDIUM tan weathered LIMESTONE		7			
		3			
	674.30				
DENSE tan weathered LIMESTONE		14			
		10			
		34			
Auger Refusal	671.30				
End of Boring					

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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SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW, SEC., TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Solid Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTH	BLOW	UNCONSOLIDATED	MOISTURE	Surface Water Elev.
Station	(ft)	(/ft)	(tsf)	(%)	ft
B-29d					
728+00					
16.00ft Lt CL					
Ground Surface Elev. 682.60					
8" Asphalt Shoulder					
MEDIUM brown SILTY CLAY LOAM	680.60		0.5	18.0	
			P		
First Encounter - weathered LIMESTONE - 93.8					
Auger Refusal					
	675.10				
End of Boring					

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)

DESIGNED	JMW
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

BORING LOGS
STRUCTURE NO. 071-7004

SHEET NO. 21	F.A.P. RTE. 742	SECTION 37R-4	COUNTY OGLE	TOTAL SHEETS 867	SHEET NO. 233
23 SHEETS					
CONTRACT NO. 64E17					
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					