

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall along Route 2 from a point 950' S. of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 28NW, SEC., TWP. 24N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-7c</u> Station <u>712+00</u> Offset <u>13.00ft LI CL</u> Ground Surface Elev. <u>678.70</u> ft	(ft)	(blows)	(tsf)	(%)	First Encounter	ft
					Upon Completion	ft
					After	Hrs. ft
Shoulder Rock						
VERY DENSE tan weathered LIMESTONE Auger Refusal	677.70	100/1				
End of Boring	676.20					
	-5					
	-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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STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	
					ft	ft
BORING NO. <u>B-8c</u> Station <u>713+00</u> Offset <u>13.00ft LI CL</u> Ground Surface Elev. <u>680.20</u> ft	(ft)	(blows)	(tsf)	(%)	First Encounter	ft
					Upon Completion	ft
					After	Hrs. ft
12" Asphalt						
SOFT tan LOAM with LIMESTONE fragments	678.20	5	0.4	17.0		
	676.70	8	P			
VERY DENSE tan weathered LIMESTONE Auger Refusal	674.20	29	100/8			
End of Boring						
	-5					
	-10					
	-15					
	-20					

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
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DESIGNED <u>JMW</u>
CHECKED <u>DFM</u>
DRAWN <u>CTH</u>
CHECKED <u>DFM</u>

BORING LOGS
STRUCTURE NO. 071-7003

SHEET NO. 12	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37R-4	OGLE	867	211
13 SHEETS	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					