

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, Il. 2 at 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. _____ Station _____
BORING NO. B-19d Station 738+89 Offset 13.00ft LI CL Ground Surface Elev. 683.30 ft (ft) (1/8") (tsf) (%)
Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 673.8 ft ∇
Upon Completion 670.3 ft ∇
After _____ Hrs. _____ ft

DEPTH	B	L	U	M	SOIL
ft	(ft)	(/8")	(tsf)	(%)	
0					STIFF brown SILTY CLAY LOAM
681.30			1.5	19.0	
			P		
679.80	4				MEDIUM light brown SAND with medium GRAVEL
	5				
	8				
676.80	3				STIFF brown/gray SILTY CLAY
	5		1.7	24.0	
	7		S		
674.80	1				MEDIUM tan weathered LIMESTONE
	9				
672.30	9				
	12				DENSE tan weathered LIMESTONE
	14				
	17				
669.80	14				VERY DENSE tan weathered LIMESTONE
	00/11				
-20					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 T208)
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. _____ Station _____
BORING NO. B-19d Station 738+00 Offset 13.00ft LI CL Ground Surface Elev. 683.30 ft (ft) (1/8") (tsf) (%)
Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

DEPTH	B	L	U	M	SOIL
ft	(ft)	(/8")	(tsf)	(%)	
0					STIFF gray SILTY CLAY
681.30			1.6	20.0	
			P		
675.80					First Encounter - weathered LIMESTONE - 92.3 (continued)
659.80					Auger Refusal
659.30					End of Boring
-20					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 T208)
BBS, from 137 (Rev. 8-99)

DESIGNED JMW
CHECKED DFM
DRAWN CTH
CHECKED DFM

BORING LOGS
STRUCTURE NO. 071-7004

SHEET NO. 16	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37R-4	OGLE	867	228
23 SHEETS	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					