



SOIL BORING LOG

Page 1 of 1

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	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
BORING NO. Station Offset Ground Surface Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)
8" Asphalt									
MEDIUM brown SILTY CLAY LOAM			0.6 P	22.0					
MEDIUM brown SAND	681.80	7							
		4							
	680.10	7							
VERY DENSE tan CONCRETE		7							
Auger Refusal Moved Sta. 740+95 12' Lt		4							
	677.10	100/3							
LOOSE tan weathered LIMESTONE		3							
		3							
	675.10	4							
MEDIUM tan weathered LIMESTONE		1							
		5							
	672.80	10							
MEDIUM tan weathered LIMESTONE		12							
		10							
	670.10	12							
MEDIUM tan weathered LIMESTONE		7							
		7							
	667.60	10							
DENSE tan weathered LIMESTONE		10							
		15							
	665.10	19							
		9							

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)



SOIL BORING LOG

Page 1 of 1

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	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S Qu	M O I S T
BORING NO. Station Offset Ground Surface Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)
Shoulder (trees) Solid Steam									
MEDIUM brown SILTY CLAY LOAM			0.8 P	24.0					
	681.50								
	680.00								
MEDIUM brown SAND									
	677.50								
Rock - First Encounter 91.8									
	675.00								
Auger Refusal									
	672.50								
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. 15	F.A.P. RTE. 742	SECTION 37R-4	COUNTY OGLE	TOTAL SHEETS 867	SHEET NO. 227
23 SHEETS	CONTRACT NO. 64E17			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	