

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 retaining wall, N. of Oregon across from Cartwright Lane LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Oregon Twp. - 3 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 Q u	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S Q u	M O I S T
BORING NO. Station Offset Ground Surface Elev.	(ft)	(/ft)	(tsf)	(%)	ft	(ft)	(/ft)	(tsf)	(%)
MEDIUM brown SILTY CLAY LOAM			0.5 P	31.0		680.30	6		
STIFF brown SILTY CLAY LOAM	679.30	4					20		
		5	1.3 P	22.0		657.80	15		
	677.80	5					15		
LOOSE brown dry dirty SAND		3				655.30	13		
	675.30	4					15		
		5					8		
MEDIUM tan clean medium coarse SAND		5				652.80	10		
	672.80	8					11		
		12					13		
MEDIUM tan clean medium coarse SAND		6				650.30	7		
	670.30	7					8		
		9					12		
MEDIUM tan clean medium coarse SAND		5				647.80	5		
	667.80	6					7		
		17					9		
Same as above		11				645.30	10		
	665.30	17					10		
		12					15		
Wash MEDIUM tan clean medium coarse SAND		6				642.80	10		
	662.80	8					17		
		10					18		
		9					6		

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. 8-89)



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BORING NO. Station Offset Ground Surface Elev.	(ft)	(/ft)	(tsf)	(%)	ft	(ft)	(/ft)	(tsf)	(%)
Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)						640.30	11		
							15		
Wash DENSE tan SANDY GRAVEL		8				637.80	16		
		15					15		
Wash DENSE tan SANDY GRAVEL		8				635.30	13		
		19					17		
DENSE tan SANDY GRAVEL						632.80	21		
							18		
Wash DENSE tan clean medium coarse SAND		15				630.30	21		
							25		
End of Boring									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-89)

BORING LOGS
IL. RTE. 2
RETAINING WALL B
STA. 634+70.00 TO STA. 637+05.00

DESIGNED	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

Howard R. Green Company

SHEET NO. 11	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-3	OGLE	345	171
12 SHEETS	SN 071-7002		CONTRACT NO. 84788		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					