

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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Date 5/1/08

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 10 SW, SEC. TWP. 24N, RING. 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	M O I S T	Surface Water Elev. _____ ft	D E P T H	B L O W S	U C S	M O I S T
BORING NO. <u>B-11e</u> Station <u>864+16</u> Offset <u>13.00ft LI CL</u> Ground Surface Elev. <u>683.20</u> ft	(ft)	(/ft)	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)
					Groundwater Elev.: First Encounter _____ ft				
					Upon Completion _____ ft				
					After _____ Hrs.				
		0.4		15.0	MEDIUM tan clean medium coarse SAND with medium GRAVEL (continued)	682.20	5		
	681.20	P					8		
					Wash		7		
					Same as above		6		
	679.70					659.70	7		
					MEDIUM tan SANDY GRAVEL		5		
		2					5		
MEDIUM brown SANDY LOAM with SAND lens		1	0.5	15.0		657.20	6		
		5	P						
	675.70				Wash		3		
					MEDIUM tan clean medium coarse SAND		5		
	674.70					654.70	10		
					Wash		4		
					MEDIUM tan clean medium coarse SAND		7		
LOOSE tan clean medium coarse SAND		2				652.20	9		
		5			End of Boring				
		3							
	672.20								
	669.70								
Wash		2							
LOOSE tan clean medium coarse SAND		3							
		6							
	667.20								
Wash		4							
MEDIUM tan clean medium coarse SAND		4							
		6							
	664.70								
		7							

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. 8-98)



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BORING NO. <u>B-12e</u> Station <u>863+00</u> Offset <u>13.00ft LI CL</u> Ground Surface Elev. <u>682.20</u> ft	(ft)	(/ft)	(tsf)	(%)	Stream Bed Elev. _____ ft	(ft)	(/ft)	(tsf)	(%)
					Groundwater Elev.: First Encounter _____ ft				
					Upon Completion _____ ft				
					After _____ Hrs.				
Shoulder					MEDIUM tan clean medium coarse SAND (continued)	681.20	6		
LOOSE brown dirty SAND							6		
					Wash				
					Same as above				
	680.20				MEDIUM tan SANDY GRAVEL		4		
		3					8		
		2					12		
	678.20				Wash				
					MEDIUM tan SANDY GRAVEL				
	675.70				Wash		9		
SOFT brown LOAM		2			MEDIUM tan SANDY GRAVEL		8		
		2	0.3	20.0			8		
		4	P			656.20			
	675.70				Wash				
LOOSE tan SAND		3			MEDIUM tan clean medium coarse SAND		1		
		4					4		
	673.70					653.70	8		
		5			Wash				
LOOSE tan clean medium coarse SAND with medium GRAVEL		3			MEDIUM tan clean medium coarse SAND		4		
		3					6		
	671.20				Wash				
		6			MEDIUM tan clean medium coarse SAND		4		
							6		
	651.20				End of Boring				
	648.70								
Wash		2							
LOOSE tan clean medium coarse SAND		3							
		4							
	646.70								
Wash		4							
MEDIUM tan clean medium coarse SAND		6							
		7							
	644.70								
Wash		3							
MEDIUM tan clean medium coarse SAND with medium GRAVEL		6							
		8							
	643.70								
		5							

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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	CTH
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

Howard R. Green Company

BORING LOGS
STRUCTURE NO. 071-7005

SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
18 SHEETS	742	37R-4	Ogle	867	253
CONTRACT NO. 64E17					
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					