

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**SOIL BORING LOG**

Page 1 of 2

ROUTE FA 742 DESCRIPTION P92-064-05 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 \_\_\_\_\_  
BORING NO. B-7b  
Station 637+00  
Offset 70.00 ft RL CL  
Ground Surface Elev. 682.30 ft

DEPTH ft	B Blow Count	U C S Qu	M O I S T	Surface Water Elev. _____ ft		DEPTH ft	B Blow Count	U C S Qu	M O I S T
				Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs.				
880.30		0.6 P	18.0			881.30	8		
678.30	2	2.4 P	12.0			678.80	9		
	6						9		
	8						14		
676.30	3						10		
	4						12		
	5						14		
673.80	8					673.80	6		
	9						12		
	10						16		
671.30	12					671.30	14		
	17						15		
	18						14		
668.80	8					648.80	10		
	10						16		
	17						18		
666.30	14					646.30	8		
	14						8		
	12						7		
663.80	14					643.80	8		
	6						10		
	6						14		
	8						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 T206)  
BBS, from 137 (Rev. 8-99)



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				Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs.				
641.30						641.30	11		
							11		
							8		
638.80						638.80	13		
							14		
							9		
636.30						636.30	10		
							13		
							14		
631.30						631.30	19		
							21		

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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	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

Howard R. Green Company

SHEET NO. 12	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-3	OGLE	345	172
12 SHEETS	SN 071-7002		CONTRACT NO. 84788		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

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