


# BORING LOGS



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation/D-2

## SOIL BORING LOG

Page 1 of 1  
Date 11/30/07

ROUTE FA 742 DESCRIPTION P92-064-86 IL 2 culvert, 1.7 m. S. of Byron LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. - 2 SE, SEC., TWP. 24N, RNG. 10E


COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station <u>962+86</u>	P	O	S	I	Stream Bed Elev.	<u>96.50</u> ft
BORING NO. <u>B-2i</u>	T	W	Qu	S	Groundwater Elev.:	
Station <u>962+75</u>	H	S		T	First Encounter	
Offset <u>38.00ft Rt CL</u>					Upon Completion	
Ground Surface Elev. <u>97.50</u> ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs.	ft

Soil Description	Depth (ft)	D	B	U	M
MEDIUM brown LOAM	0.0 - 14.0			0.9 P	14.0
MEDIUM brown SANDY LOAM	14.0 - 15.0	3		0.5 P	15.0
MEDIUM tan clean SANDY GRAVEL	15.0 - 19.0	4		6	
DENSE tan clean medium coarse SAND	19.0 - 25.0	11		14	
DENSE tan clean dry SAND & GRAVEL	25.0 - 31.0	16		25	
MEDIUM tan clean dry medium SAND	31.0 - 38.0	9		9	
End of Boring	38.0			10	

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)



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation/D-2

## SOIL BORING LOG

Page 1 of 1  
Date 4/1/08

ROUTE FA 742 DESCRIPTION P92-064-86 Box culvert on IL 2, .2 m. N. of River Drive LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION SEC., TWP., RNG.

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
Station <u>982+50</u>	P	O	S	I	Stream Bed Elev.	
BORING NO. <u>B-2i</u>	T	W	Qu	S	Groundwater Elev.:	
Station <u>982+00</u>	H	S		T	First Encounter	<u>79.2</u> ft
Offset <u>14.00ft Lt of CL</u>					Upon Completion	
Ground Surface Elev. <u>99.20</u> ft	(ft)	(/6")	(tsf)	(%)	After _____ Hrs.	ft

Soil Description	Depth (ft)	D	B	U	M
Off Road	0.0 - 13.0				
STIFF brown SILTY CLAY LOAM	13.0 - 11.0			1.1 P	22.0
MEDIUM brown SILTY CLAY	11.0 - 26.0	1		0.5 B	26.0
LOOSE brown dirty fine SAND	26.0 - 21.0	3		0.5 P	21.0
LOOSE tan/brown fine SAND	21.0 - 12.0	1			
MEDIUM tan dry fine SAND	12.0 - 13.0	8			
MEDIUM tan dry fine SAND	13.0 - 15.0	8			
DENSE tan dry SANDY GRAVEL	15.0 - 28.0	6		21	28

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)