


# BORING LOGS



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

## SOIL BORING LOG

Page 1 of 1  
Date 9/20/06

ROUTE FAS 1042 DESCRIPTION P92-012-07 Box culvert on IL 251, .3 m. N. of IL 64 LOGGED BY W. Garza

SECTION 107 T-2 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
071-1092						
Station 521+89	E	L	C	O	Stream Bed Elev.	90.50
	P	O	S	I		
BORING NO. B-1	T	W	S	T	Groundwater Elev.:	
Station 522+06	H	S	Qu	T	First Encounter	
Offset 16.00R Lt CL					Upon Completion	
Ground Surface Elev. 99.00	ft	(ft)	(/6")	(tsf)	After	Hrs.

Soil Description	Depth (ft)	UCS Failure Mode	UCS Value (tsf)
Shoulder			
MEDIUM dark brown SILTY CLAY LOAM	0.6	P	27.0
MEDIUM dark gray SILTY CLAY	2		
	2	0.8	31.0
	5	P	
SOFT dark brown SILTY CLAY	1		
	1	0.4	36.0
	3	P	
STIFF black SILTY LOAM	1		
	2	1.1	35.0
	4	B	
VERY DENSE tan weathered LIMESTONE	100/4"		
Auger Refusal at 10.5'			
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 T206)

BBS, from 137 (Rev. 8-99)



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STRUCT. NO.	D	B	U	M	Surface Water Elev.	ft
071-1092						
Station	E	L	C	O	Stream Bed Elev.	90.50
	P	O	S	I		
BORING NO. B-2	T	W	S	T	Groundwater Elev.:	
Station 522+51	H	S	Qu	T	First Encounter	
Offset 45.00R Rt CL					Upon Completion	
Ground Surface Elev. 92.20	ft	(ft)	(/6")	(tsf)	After	Hrs.

Soil Description	Depth (ft)	UCS Failure Mode	UCS Value (tsf)
MEDIUM brown SILTY CLAY LOAM	0.5	P	25.0
MEDIUM tan weathered LIMESTONE	2		
	3		
	18		
VERY DENSE tan weathered LIMESTONE	100/5"		
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 T206)

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