

SIBD 220711039 R097.2
LOCATION 2-01 CONTRACT 46214



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

SOIL BORING LOG

ROUTE I-39 DESCRIPTION P92-ST40-12 Sign Truss on I-39 NB for WB I-88 Exit Ramp LOGGED BY W. Garza
SECTION LOCATION Dement Twp. - 29SE. SEC. , TWP. 40N. RNG. 2E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	DEPTH	BLOW	UCS	MOIST
40	(ft)	(/ft)	(tsf)	(%)	ft	ft	ft	ft	ft	ft	(ft)	(/ft)	(tsf)	(%)
VERY SOFT tan SANDY LOAM			0.2 P	13.0			VERY DENSE tan SAND with medium GRAVEL (continued)				23			7.0
	97.80					78.30					34			
MEDIUM light gray SILTY LOAM with SAND lens		5					VERY DENSE light gray clean medium coarse SAND				23			
	96.30	17	0.8 P	12.0		75.80					33			
											35			
VERY STIFF gray SANDY LOAM with SAND lens		11					VERY STIFF/HARD gray SAND LOAM with fine SAND lens				11			
	93.30	15	3.8 P	9.0		73.80					15	4.0	8.0	
		14									18	P		
DENSE tan SAND with medium GRAVEL		13					VERY STIFF gray SILTY CLAY LOAM with SAND lens				6			
	91.30	17				71.30					6	2.5	27.0	
		21									8	P		
VERY DENSE tan SAND with medium GRAVEL		18					MEDIUM tan SILTY CLAY LOAM				2			
	88.80	32				67.80					3	0.9	26.0	
		35									4	B		
VERY DENSE tan SAND with medium GRAVEL		11					MEDIUM tan SILTY CLAY LOAM TILL				1			
	86.30	25				66.30					3	0.7	15.0	
		33									4	B		
VERY DENSE tan SAND with medium GRAVEL		16					STIFF tan SILTY CLAY LOAM TILL				1			
	83.80	27				63.80					4	1.2	14.0	
		31									5	B		
VERY DENSE tan SAND with medium GRAVEL		16					End of Boring							
	80.80	19												
		34												
		15												

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. 8-89)

SIBD 220711039 L097.1
LOCATION 2-02 CONTRACT 46214



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

SOIL BORING LOG

ROUTE I-39 DESCRIPTION P92-ST41-12 Sign Truss on I-39 NB for WB I-88 Exit Ramp LOGGED BY W. Garza
SECTION LOCATION Dement Twp. - 29SE. SEC. , TWP. 40N. RNG. 2E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	DEPTH	BLOW	UCS	MOIST
41	(ft)	(/ft)	(tsf)	(%)	ft	ft	ft	ft	ft	ft	(ft)	(/ft)	(tsf)	(%)
MEDIUM tan SILTY LOAM			0.8 P	11.0			VERY STIFF tan SILTY CLAY LOAM TILL (continued)				6			23.0
	98.10					79.10					12	B		
STIFF tan SANDY LOAM		7					VERY STIFF tan SILTY CLAY LOAM TILL				8			
	96.60	5	1.2 B	11.0		76.60					12	2.9	12.0	
		5									13	B		
STIFF tan LOAM		7					STIFF tan SILTY CLAY LOAM TILL				8			
	94.10	6	1.2 B	14.0		74.10					11	1.8	12.0	
		6									11	B		
VERY STIFF gray CLAY LOAM		4					No Recovery				10			
	91.60	6	3.3 B	26.0		71.60					11			
		7									13			
VERY STIFF tan SILTY CLAY LOAM		3					STIFF gray SILTY CLAY LOAM TILL				4			
	89.10	4	2.5 B	13.0		69.10					5	1.8	13.0	
		7									8	B		
VERY STIFF tan SILTY CLAY LOAM		4					STIFF gray SILTY CLAY LOAM TILL				5			
	86.10	5	3.1 B	13.0		66.60					8	1.8	13.0	
		7									10	B		
STIFF tan SILTY CLAY LOAM TILL		3					VERY STIFF gray SILTY CLAY LOAM TILL				4			
	84.10	5	1.5 B	24.0		84.10					6	2.3	12.0	
		6									10	B		
VERY STIFF gray/tan CLAY LOAM TILL		4					End of Boring							
	81.60	7	3.5 B	21.0										
		9												
		2												

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BBS, from 137 (Rev. 8-89)

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -	REVISED -		Various	D-2 OVD SIN STR REPL 13-01	Various	25	23	
PLOT SCALE *		DRAWN -	REVISED -		CONTRACT NO. 46214					
PLOT DATE *		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT					