



Illinois Department  
of Transportation  
Division of Highways  
CSG Consultants, Inc.

**SOIL BORING LOG**

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Date 7/6/10

ROUTE FAP 698 (IL 89) DESCRIPTION IL-89 over drainage ditch approximately 1 mile south of La Rose, IL LOGGED BY NSP

SECTION 125VBRIBR LOCATION Bell Plain Road District, SEC. 17, TWP. 29N, RNG. 1W, 3rd PM, Latitude 40° 58' 11.86" N, Longitude 89° 15' 11.2" W

COUNTY Marshall DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	DESCRIPTION	D	B	U	M	Surface Water Elev.	D	B	U	M
Station		E	L	C	O		E	L	C	O
BORING NO.		P	O	S	I	Stream Bed Elev.	P	O	S	I
Station		T	W	Q	S	Groundwater Elev.:	H	S	Q	T
Offset		H	S	Qu	T	First Encounter				
Ground Surface Elev.		(ft)	(/6")	(tsf)	(%)	Upon Completion				
						After - Hrs.	(ft)	(/6")	(tsf)	(%)
	Gray CLAY (fill), trace gravel	634.00	-	-	9	613.80				
	Brown and Dark Brown SILTY CLAY LOAM (fill), trace gravel		2	2.0	24					
			3	B			16	10.0	8	
			3				19	P		
		631.50								
	Very Stiff Brown, Moist SILTY LOAM		3				11			
			3	3.0	20		16	11.5	8	
			-5	P			-25	P		
			2							
			3	3.0	20		29			
			3	P			35	12.0	7	
			3				34	P		
		626.00								
	Very Stiff Dark Brown, Moist SILTY CLAY LOAM, trace gravel		3	2.0	25		29			
			-10	4	P		30	11.5	9	
							40	P		
		624.00								
	Very Stiff to Stiff Brown, Moist SILTY CLAY LOAM, trace gravel		2							
			3	3.0	19					
			4	P						
			2							
			3	1.5	19					
			-15	5	P					
		619.00								
	Soft to Medium Stiff Brown, trace Gray, Wet SILTY CLAY LOAM, trace gravel		2		32					
			2	0.4						
			6	B						
			3							
			4	0.5	14					
			-20	10	P					

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by IB-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, form 137 (Rev. 8-99)

**Hutchison Engineering, Inc.**  
Jacksonville, Peoria, &  
Shorewood, Illinois

USER NAME = jdean	DESIGNED - NPH	REVISED -
PLOT SCALE = NONE	CHECKED - STM/BAN	REVISED -
PLOT DATE = 7/25/2013	DRAWN - RMD/NPH	REVISED -
	CHECKED - NPH/STM	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOIL BORINGS  
STRUCTURE NO. 062-1003**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
698	125VBRIBR	MARSHALL	148	119
			CONTRACT NO. 68580	

SHEET NO. 5 OF 5 SHEETS

ILLINOIS FED. AID PROJECT BR5-\*\*\*\*(\*\*\*\*)