



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

SOIL BORING LOG

Date 4/28/10

ROUTE FAP 685/22 (IL9/78) DESCRIPTION SPT Borings for Proposed Traffic Mast Arms (Canton, Illinois) LOGGED BY MAG
SECTION (41Z, 135)R, N; (1CS)I LOCATION SEC Main St & Locust St.(IL9/78), SEC. 27, TWP. 7N, RNG. 4E, 4th PM, Latitude N40° 33' 30.49", Longitude W90° 2' 1.36"
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Surface Water Elev. NA ft	D E P T H	B L O W S	U C S	M O I S T U R E
BORING NO. B3 Station 15+11 Offset 46.5ft RT Ground Surface Elev. 648.89 ft									
Asphalt (4") and aggregate base					647.89				
Stiff to Medium Stiff Brown and Gray, Moist CLAY	1					4	1.6	32	
	4					5	2.0	13	
	4	B				7	P		
	2					4			
	2	1.0				6	1.3	13	
	3	B				9	S		
	1					5			
Medium Stiff to Stiff Brown and Gray, Moist CLAY	2	0.6			621.89	10	3.8	14	
	2	B				13	S		
	1					5			
	3	1.4				6	2.5	10	
	4	B			618.89	9	B		
	2								
Stiff Brown, Moist SILTY CLAY LOAM	3	1.8							
	3	B							
	2				634.89				
Stiff Dark Gray, Moist CLAY	3	1.6							
	5	B							
	2								
	3	1.6							
	5	B							
	2				629.89				
	3	1.0							
	3	B							

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, form 137 (Rev. 8-99)



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

SOIL BORING LOG

Date 4/28/10

ROUTE FAP 685/22 (IL9/78) DESCRIPTION SPT Borings for Proposed Traffic Mast Arms (Canton, Illinois) LOGGED BY MAG
SECTION (41Z, 135)R, N; (1CS)I LOCATION SEC Main St & Locust St.(IL9/78), SEC. 27, TWP. 7N, RNG. 4E, 4th PM, Latitude N40° 33' 30.64", Longitude W90° 2' 5.28"
COUNTY Fulton DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Surface Water Elev. NA ft	D E P T H	B L O W S	U C S	M O I S T U R E
BORING NO. B4 Station 15+11 Offset 66.0ft LT Ground Surface Elev. 647.09 ft									
Grass, topsoil					646.09				
Very Stiff Brown and Gray, Moist CLAY, trace organics	3					4	2.8	26	
	4					5	P		
	3					3			
	3	2.3				4	P	31	
	4					5			
	2				641.09				
Soft to Stiff Brown and Gray, Moist SILTY CLAY LOAM	2	0.4				3	0.8	24	
	4	B				5	B		
	2					9			
	3	1.2				11	1.5	26	
	4	B			617.09	13	P		
	1								
Soft Black, Brown and Gray, Moist CLAY	2	0.6			635.59				
	3	B							
	2				633.59				
Stiff Dark Brown, Moist SILTY LOAM and organics	3	1.0							
	3	P							
	1				631.09				
Medium Stiff to Very Soft Gray, Moist CLAY	2	0.6							
	3	B							
	2								
	3	0.6							
	4	B							

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, form 137 (Rev. 8-99)

SOIL BORING LOGS

FILE NAME = P:\P-89\2193 - IDOT DUR\Task-24\DWG\SH	USER NAME = _2193 Task 4_	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS LOCUST STREET-RECONSTRUCTION		F.A.P. RTE. 685/22	SECTION (41Z, 135)R, N; (1CS)I	COUNTY FULTON	TOTAL SHEETS 125	SHEET NO. 111
	\16_D4-9400909-sh-blogs02.dgn	DRAWN - AMW - IDOT	REVISED -		SCALE:	SHEET NO. 02 OF 04 SHEETS	STA. 13+82 TO STA. 13+87	CONTRACT NO. 68877		ILLINOIS FED. AID PROJECT 04-94-009-09	
	PLOT SCALE = NTS	CHECKED -	REVISED -								
	PLOT DATE = 12/21/2010	DATE - 12/21/2010	REVISED -								