Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2
Date Started 2/20/09
Date Completed 2/20/09

ROUTE _____ DESCRIPTION Great Western Trail Bridges

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC L-72,921

COUNTY DuPage LOCATION _____ S. 5 - SE 1/4 , TWP. 39N , RNG. 11E

Boring No. 109
Station _____
Offset _____ ft
Surface Elev. 715.70 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 683.7
at Completion 684.7
after _____ Hrs. _____

DEPTH	BLOWS	Qu tsf	W %	DEPTH	BLOWS	Qu tsf	W %
715.20 Black CLAY (topsoil) (OL) A-7-6				Very stiff gray CLAY, little gravel, moist (CL) A-6			
Very stiff brown CLAY, trace to little gravel, moist (CL) A-6	3 3 5	B 3.9 15%	21.5		4 6 8	B 2.4 15%	15.9
	3 5 7	B 3.0 15%	16.9	-30	5 8 10	B 2.2 15%	16.0
	4 6 7	B 2.4 15%	18.6	683.70 Med. dense gray SANDY LOAM, wet (SC/GC) A-2-4			
707.70 Very stiff gray CLAY, little gravel, moist (CL) A-6	5 6 8	B 2.7 15%	14.2		7 11 14		9.9
-10				-35			
704.20 Med. dense gray SANDY LOAM, moist (SC) A-2-4	3 5 6	P 3.0	14.4 12.7	679.70 Med. dense gray SANDY LOAM, trace gravel, saturated (SM) A-2-4			
702.70 Very stiff gray CLAY, little gravel, moist (CL) A-6	5 6 6	B 2.4 15%	15.4	676.70 Very stiff to stiff gray CLAY, little gravel, moist (CL) A-6	14 12 10	P 2.0	12.4 14.5
-15				-40			
	3 5 6	B 2.2 15%	16.1				
	3 5 5	B 2.0 15%	17.2	-45	5 7 8	B 1.6 15%	14.4
-20							
	4 5 7	B 2.7 15%	16.0	668.70 Very dense to med. dense gray SAND, little gravel, occasional Cobbles and Boulders, saturated (SP) A-1			
	5 5 7	B 2.8 15%	16.5		7 32 22		
-25				-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 72921.GPJ IDOT.GDT 5/14/09

Testing Service Corporation

STRUCTURE BORING LOG

Page 2 of 2
Date Started 2/20/09
Date Completed 2/20/09

STRUCTURE NO. _____
ROUTE _____
SECTION _____
COUNTY DuPage

Boring No. 109
Station _____
Offset _____ ft
Elevation 665.70 ft

DEPTH	BLOWS	Qu tsf	W %
Very dense to med. dense gray SAND, little gravel, occasional Cobbles and Boulders, saturated (SP) A-1			
	75/6"		
-55			
	4 4 6		
-60			
653.70 Dense to very dense gray SAND and GRAVEL, numerous Cobbles and Boulders, saturated (SP/GP) A-1-a			
	22 24 25		
-65			
	23/6" 50/2"		
-70			
	75/3"		
640.70 -75			

STRUCTURE NO. _____
ROUTE _____
SECTION _____
COUNTY DuPage

Elevation 640.70 ft

DEPTH	BLOWS	Qu tsf	W %
-80			
-85			
-90			
-95			
-100			

End of Boring at 75.0'

Diedrich D-50 Track ATV Rig (#314)
CME Automatic Hammer

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 72921.GPJ IDOT.GDT 5/14/09

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1
Date Started 2/16/09
Date Completed 2/16/09

ROUTE _____ DESCRIPTION Great Western Trail Bridges

SECT. _____ STRUCT. NO. _____ DRILLED BY TSC L-72,921

COUNTY DuPage LOCATION _____ S. 5 - SE 1/4 , TWP. 39N , RNG. 11E

Boring No. 110
Station _____
Offset _____ ft
Surface Elev. 730.30 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling Dry
at Completion Dry
after _____ Hrs. _____

DEPTH	BLOWS	Qu tsf	W %
FILL - Brown and black Sand and Cinders, moist A-1	3 2 3		10.4
727.30 FILL - Brown and gray CLAY, trace gravel, moist (CL) A-6	4 5 6	P 2.25	23.2
-5			
	4 6 8	P 4.5	20.5
	4 6 8	P 4.5	20.5
-10			
	5 6 8	P 4.5	23.7
717.30 Hard dark brown CLAY, trace gravel, trace organic, moist (CL) A-7-6	7 8 9	P 4.5	25.1
-15			
714.80 Hard brown and gray CLAY, trace gravel, moist (CL) A-6	4 6 7	P 4.5	18.2
	5 6 9	P 4.5	17.8
710.30 -20 End of Boring at 20.0'			

Diedrich D-50 Track ATV Rig (#314)
CME Automatic Hammer

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 72921.GPJ IDOT.GDT 5/14/09

FILE NAME = w:\756-004_lombard - gwt bridges phase ii\cadd sheets\structural\ST CHARLS\022121-028-SOIL BORING LOGS.dgn

Bollinger, Lach & Associates, Inc. ITASCA, ILLINOIS	USER NAME = gonzalo	DESIGNED SRT	REVISED -	STATE OF ILLINOIS GREAT WESTERN TRAIL ST. CHARLES ROAD	SOIL BORING LOGS 109 & 110 STRUCTURE NO. 022-3121
		CHECKED JJI	REVISED -		
	PLOT SCALE =	DRAWN GM	REVISED -		
	PLOT DATE = 7/26/2011	CHECKED JJI	REVISED -		SHEET NO. 28 OF 29 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	145
		CONTRACT NO. 63568		
		ILLINOIS FED. AID PROJECT		