

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
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Telephone: 630 953-9928
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BORING LOG B-1ST
WEI Job No.: 950-09-02
Client: Christian Roge and Associate, Inc.
Project: East Division Ditch Culvert, IDOT D-91-058-08
Location: Cook County, Illinois

Datum: NGVD
Elevation: 630.00 ft
North: 1990553.00 ft
East: 1135627.00 ft
Station:
Offset:

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
616.0	Soft to stiff, brown, black, and gray SILTY CLAY LOAM to SILTY CLAY --LL=31%, PL=16%--	5	PUSH	1		0.50 P	25								
			PUSH	2		1.25 P	19								
	--LL=45%, PL=22%--	10	PUSH	3		0.89 B	50								
	--LL=25%, PL=17%--		PUSH	4		0.25 P	25								
			PUSH	5		1.00 P	22								
	Boring terminated at 14.00 ft	15													

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
628.5	Medium dense, brown and white SANDY LOAM --FILL--	4		1	8 4 7 6	4.25 P	12					3 4 5 7	1.31 B	16	
628.0	Hard, black and gray CLAY, with trace gravel --FILL--	4		2	4 4 2 2	0.82 B	17					2 3 4 6	1.07 B	16	
626.0	Medium stiff, black and gray CLAY, with trace gravel and asphalt --FILL--	25		3	2 2 3 4	2.50 P	21					3 3 4 6	1.31 B	16	
	Stiff to very stiff, black and gray SILTY CLAY LOAM --LL=31%, PL=16%--			4	2 3 3 3	1.31 B	19					2 4 5 8	0.82 B	16	
621.8	Soft, black and gray SILTY CLAY LOAM with little organic matter --LL=45%, PL=22%--	10		5	2 1 1 2	0.25 P	41					3 4 7 5	2.05 B	14	
618.8	Soft, gray SILTY CLAY --LL=25%, PL=17%--			6	2 1 3 3	0.25 P	23					8 5 6 6	1.07 B	16	
617.3	Medium stiff to stiff, gray SILTY CLAY			7	1 2 3 4	1.64 B	27					4 6 8 9	1.00 P	16	
614.3	Medium stiff to very stiff, gray CLAY with little sand and gravel	15		8	3 4 5 7	0.74 B	20					4 4 6 8	1.00 P	16	
				9	5 9 13	3.77 B	13								
				10	4 7 8	1.72 B	14								
	Boring terminated at 36.00 ft	35													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-14-2008	Complete Drilling	07-14-2008	While Drilling	<input checked="" type="checkbox"/>	DRY	
Drilling Contractor	K&S Engineering	Drill Rig	Dietrich D-50	At Completion of Drilling	<input checked="" type="checkbox"/>	DRY	
Driller	M&E	Logger	R. Edelmann	Checked by	MLS		
Drilling Method	3.25" HSA, Boring backfilled upon completion			Time After Drilling	NA		
				Depth to Water	<input checked="" type="checkbox"/>	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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WANGENG 950902.GPJ WANGENG.DOT 8/5/08

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CR & A
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ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL 60606
PHONE: (312)372-2023 FAX: (312)372-5274

FILE NAME = boring_logs.dgn	USER NAME = IOOT	DESIGNED - B.N.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS CH 92 (FOREST WAY DRIVE)	CH	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 50.0000' / IN.	DRAWN - R.E.S./F.M.	REVISED -			92	2008-029 I	COOK	14	11		
	PLOT DATE = 1/30/2009	CHECKED - B.N.S./J.C.N.	REVISED -			CONTRACT NO. 60E61						
		DATE - JANUARY 27, 2009	REVISED -			SCALE:	SHEET NO. S3 OF S3 SHEETS	STA.	TO STA.			
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						