

Wang Engineering
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BORING LOG 53LB-04

WEI Job No.: 456-01-01
Client: ABNA of Illinois, Inc.
Project: IL Route 53 (Kohlwing Road), P1B 153/21
Location: W 1/2 of Section 6, T40N R11E

Date: NGVD
Elevation: 715.26 ft
North: 1937097.50 ft
East: 1096294.17 ft
Station: 243+53.11
Offset: 34.50 LT

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BORING LOG 53LB-05

WEI Job No.: 456-01-01
Client: ABNA of Illinois, Inc.
Project: IL Route 53 (Kohlwing Road), P1B 153/21
Location: W 1/2 of Section 6, T40N R11E

Date: NGVD
Elevation: 712.60 ft
North: 1937165.31 ft
East: 1096243.57 ft
Station: 244+20.75
Offset: 85.31 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
715.26	12-inch thick stiff, black SILTY LOAM	0						715.26	LOAM, little gravel	0					
712.1	-TOPSOIL- Stiff, black SILTY CLAY LOAM -FILL	1		1	6.9	1.50	22	712.1		1		11	1.15	20	
707.3	Stiff, black and brown, SILTY CLAY, trace organic matter -POSSIBLE FILL	2		2	6.0	1.00	22	707.3		2		12	1.31	19	
704.8	Very soft, black ORGANIC SILTY CLAY	3		3	1.1	1.50	21	704.8		3		13	4.5	18	
704.8	Very soft, black PEAT	4		4	1.1	0.25	29	704.8		4		14	2.21	16	
699.8	Very soft, black and brown MUCK	5		5	0.0	0.25	459	699.8		5		15	5.03	10	
696.6	Very soft, dark gray SILTY CLAY	6		6	0.0	0.25	304	696.6		6		16	5.8	11	
694.8	Very soft, black, PEAT	7		7	0.0	0.25	23	694.8		7		17	4.02	15	
691.3	Medium stiff, gray CLAY, trace gravel	8		8	2.2	0.82	17	691.3		8		18	2.13	14	
691.3	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY	9		9	4.4	1.72	17	691.3		9		19	10.15	9	
691.3		10		10	5.4	1.72	17	691.3		10		20	5.03	10	

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-06-2010	Complete Drilling	05-06-2010
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	K&F	Logger	C. Mann
Checked by	N. Davis	Time After Drilling	NA
Drilling Method	3.25 IDA HSA, Boring backfilled upon completion.	Depth to Water	NA
Diedrich Auto Hammer		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
715.26		0						715.26		0					
699.8	Medium dense, brown coarse SAND, trace gravel	60		17	6.7	3.03	16	699.8		17		17	7.12	16	
692.2	Medium dense, gray, fine SAND to SANDY LOAM	65		18	4.1	2.71	15	692.2		18		18	12.16	16	
690.0	Medium dense, gray coarse SAND to GRAVELLY SAND	65		19	4.4	NP	26	690.0		19		19	4.4	12	
686.3	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, trace to little gravel	70		20	10.15	5.03	10	686.3		20		20	10.15	9	
686.3		75		21	8.8	2.13	14	686.3		21		21	8.8	11	

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-06-2010	Complete Drilling	05-06-2010
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	K&F	Logger	C. Mann
Checked by	N. Davis	Time After Drilling	NA
Drilling Method	3.25 IDA HSA, Boring backfilled upon completion.	Depth to Water	NA
Diedrich Auto Hammer		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
712.60	7-10 inch thick brown SILTY CLAY -TOPSOIL	0						712.60	Medium dense, SANDY LOAM	0					
707.6	Medium stiff to stiff, brown SILTY CLAY LOAM -FILL	1		1	7.7	0.50	27	707.6		1		11	6.8	17	
704.8		2		2	6.3	1.72	22	704.8		2		12	9.12	18	
704.8	Medium stiff to stiff, gray CLAY LOAM	3		3	4.4	0.50	26	704.8		3		13	5.5	11	
704.8		4		4	0.0	1.72	15	704.8		4		14	3.5	6	
699.8		5		5	4.4	1.15	22	699.8		5		15	5.5	6	
699.8	Stiff, gray CLAY	6		6	4.4	1.89	23	699.8		6		16	6.7	12	
699.8		7		7	2.2	1.80	22	699.8		7		17	4.4	12	
699.8		8		8	4.4	1.80	22	699.8		8		18	18.16	17	
699.8		9		9	7.7	1.72	22	699.8		9		19	12.16	16	
699.8		10		10	4.4	1.72	22	699.8		10		20	12.16	16	

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	04-29-2010	Complete Drilling	04-30-2010
Drilling Contractor	WTS	Drill Rig	D-50 ATV
Driller	K&F	Logger	K. Mohammed
Checked by	N. Davis	Time After Drilling	NA
Drilling Method	3.25 IDA HSA, Boring backfilled upon completion.	Depth to Water	NA
Diedrich Auto Hammer		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

NOTE: Additional geotechnical information is available upon request from IDOT.

**SOIL BORINGS III
STRUCTURE NO. 022-0012**

SHEET NO. SA30 OF SA37	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 634
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			

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