

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
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**BORING LOG BC-2**  
WEI Job No.: 485-30-01  
Client: **Wight & Company**  
Project: **Lake Street Over Addison Creek**  
Location: **SW1/4, Sec. 4, T39N & R12E**

Datum: NGVD  
Elevation: 637.00 ft  
North: 1905436.39 ft  
East: 1107742.97 ft  
Station: 100+53.6  
Offset: 0.1 RT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
635.8	3-inch thick ASPHALT over 11-inch thick CONCRETE --PAVEMENT--												
635.3	6-inch thick CRUSHED STONE --BASE COURSE--												
	Medium stiff to very stiff, black CLAY LOAM, little to some gravel		1	6 5 6	2.75	22							
			2	3 3 3	1.25	26							
			3	2 3 3	0.90	22							
629.0	Soft, brown and gray SILTY CLAY, trace gravel and organic matter		4	1 2 3	0.49	32							
626.5	Medium stiff to stiff, brown and gray CLAY to SILTY CLAY, trace to little gravel		5	2 2 4	1.64	16							
			6	2 3 3	0.98	18							
620.5	Medium dense, gray SILT, trace gravel		7	6 11 17	NP	12							
619.0	Very dense, light gray DOLOMITE fragments		8	60/5	NP	5							
617.0	--AUGER REFUSAL AT 20'-- --WEATHERED BEDROCK--20												
	Boring terminated at 20.00 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-23-2009	Complete Drilling	11-23-2009	While Drilling	▽	DRY	
Drilling Contractor	Groff Testing Corporation	Drill Rig	CME-75 TMR	At Completion of Drilling	▽	DRY	
Driller	T&K	Logger	B. Wilson	Checked by	N. Davis		
Drilling Method	3.25 IDA HSA; 140# CME Auto-Hammer			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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**BORING LOG BC-3**  
WEI Job No.: 485-30-01  
Client: **Wight & Company**  
Project: **Lake Street Over Addison Creek**  
Location: **SW1/4, Sec. 4, T39N & R12E**

Datum: NGVD  
Elevation: 636.20 ft  
North: 1905450.91 ft  
East: 1107711.02 ft  
Station: 100+25.5  
Offset: 20.9 LT

Page 1 of 1

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
635.3	4-inch thick ASPHALT over 6.5-inch thick CONCRETE --PAVEMENT--												
	Stiff, brown and gray SILTY CLAY to CLAY LOAM, some gravel		1	6 23 4	1.75	7							
			2	3 3 3	1.00	29							
630.7	Very soft, black SILTY CLAY LOAM, some organic matter		3	4 2 1	<0.25	65							
628.2	Soft, brown and gray CLAY LOAM		4	4 2 3	0.25	24							
	--A-6 (10)-- --LL=39%, PL=15%--10 --GRAVEL=2.9%-- --SAND=40.0%-- --SILT=37.2%-- --CLAY=19.9%--		5	3 2 3	N/A	19							
623.2	Stiff, gray CLAY, trace gravel		6	2 3 3	1.23	18							
620.7	Medium dense, gray SILT		7	6 7 7	NP	12							
618.2	Very dense, light brown and gray DOLOMITE fragments		8	56/4	NP	4							
615.7	--AUGER REFUSAL AT 20.5'-- --WEATHERED BEDROCK--20												
	Boring terminated at 20.50 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-23-2009	Complete Drilling	11-23-2009	While Drilling	▽	DRY	
Drilling Contractor	Groff Testing Corporation	Drill Rig	CME-75 TMR	At Completion of Drilling	▽	DRY	
Driller	T&K	Logger	B. Wilson	Checked by	N. Davis		
Drilling Method	3.25 IDA HSA; 140# CME Auto-Hammer			Time After Drilling	NA		
				Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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DESIGNED	MAS
CHECKED	BJM
DRAWN	JNH
CHECKED	BRT



**Wight & Company**  
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Design Firm Registration 184-000451

SHEET NO. 18	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3537	3264-T	COOK	110	62
19 SHEETS	CONTRACT NO. 60H44			ILLINOIS FED. AID PROJECT	

**BORING LOGS**  
**STRUCTURE NO. 016-2630**