

Wang Engineering, Inc.
 Consulting Geotechnical and
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 1145 N Main Street
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BORING LOG HA-01

WEI Job No.: 412-01-01

Client: **Wills Burke Kelsey Associates**
 Project: **Burr Road (TR 194) Bridge over Ferson Creek**
 Location: **Ferson Creek, Kane County, IL**

Datum: NGVD
 Elevation: ft
 North: 1928853.40 ft
 East: 976408.87 ft
 Station:
 Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Brown SANDY LOAM (Easy Penetration)			1	PUSH	NP	65								
	Gray LOAM (Medium Penetration) -L _L = NP, P _L = NP-- -% Gravel = 0.0%-- -% Sand = 69.8%-- -% Silt and Clay = 30.2%-- D ₅₀ = 0.131 mm			2	PUSH	NP	21								
		5		3	PUSH	NP	18								
	Gray SANDY LOAM (Medium to Hard Penetration)			4	PUSH	NP	19								
	Brown SANDY LOAM, trace gravel (Medium Penetration)			5	PUSH	NP	15								
	Brown SAND and GRAVEL (Hard Penetration) SAMPLER REFUSAL AT 10' 4" Boring terminated at 10.33 ft	10		6	PUSH	NP	12								

GENERAL NOTES

Begin Drilling: **06-05-2009** Complete Drilling: **06-05-2009**
 Drilling Contractor: **GBE** Drill Rig: **Hand Auger**
 Driller: **G&F** Logger: **F. Borzga** Checked by: **N. Davis**
 Drilling Method: **Jack Hammer Driven Geoprobe; Continuous Sampling**

WATER LEVEL DATA

While Drilling: **Stream Bed**
 At Completion of Drilling: **Stream Bed**
 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 RB-01

WEI Job No.: 412-01-01

Client: **Wills Burke Kelsey Associates**
 Project: **Burr Road (TR 194) Bridge over Ferson Creek**
 Location: **Ferson Creek, Kane County, IL**

Datum: NGVD
 Elevation: ft
 North: 1928955.55 ft
 East: 976414.62 ft
 Station:
 Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	6-inch thick ASPHALT -PAVEMENT-			1	4	1.50	20								
	Stiff, gray CLAY LOAM -FILL-			2	3	NP	13								
	Loose, gray LOAM -FILL-			3	1	NP	113								
	Very loose, black LOAM, with organic matter -POSSIBLE BURIED TOPSOIL-			4	8	0.25	15								
	Soft, black CLAY LOAM, little gravel			5	9	NP	10								
	Medium dense, brown SAND			6	10										
	Boring terminated at 10.00 ft	10		7											

GENERAL NOTES

Begin Drilling: **05-11-2009** Complete Drilling: **05-11-2009**
 Drilling Contractor: **WTS** Drill Rig: **Mobil B-57 TMR**
 Driller: **J&K** Logger: **B. Wilson** Checked by: **N. Davis**
 Drilling Method: **4.25-inch HSA; 140 lb Mobil Automatic Hammer; backfilled upon completion**

WATER LEVEL DATA

While Drilling: **DRY**
 At Completion of Drilling: **DRY**
 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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WILLS BURKE KELSEY ASSOCIATES LTD.
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 (630) 443-7755

USER NAME = *USER*	DESIGNED - KMA	REVISED -
PLOT SCALE =	DRAWN - NDP	REVISED -
PLOT DATE = 12/19/2011	CHECKED - SBP	REVISED -
	DATE - 10/24/11	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY BORING LOG

SCALE:	SHEET NO. 54 OF 76 SHEETS	STA.	TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

TOWNSHIP	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
194	08-14117-00-BR	KANE	76	54
CONTRACT NO. 63645				