

W Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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1145 N Main Street
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Telephone: 630 953-9928
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BORING LOG SB-1
WEI Job No.: 412-01-01

Datum: NAVD 88
Elevation: 762.50 ft
North: 1928888.49 ft
East: 976399.31 ft
Station: 11+67.01
Offset: 4.88 RT

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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows in)	Cu (tsf)	Moisture Content (%)
762.0	6-inch thick ASPHALT --PAVEMENT-- Medium dense, brown and gray, gravelly SANDY LOAM --FILL--	0	1	4	NP	9		762.0	yellowish, highly fractured, somewhat weathered DOLOSTONE with shale partings	0					
759.5		2	2	0	NR			759.5	Run 2: 23' to 28' Recovery=100% RQD=8% Very poor, strong, light gray and yellowish, highly fractured, somewhat weathered DOLOSTONE with shale partings	25					
753.5	Medium dense, gray SILT	10	4	2	NP	21		753.5	Run 3: 28' to 33' Recovery=93% RQD=0% Very poor, strong, light gray, highly fractured, unweathered DOLOSTONE with shale partings	30					
752.0	Dense to very dense, brown SANDY LOAM with some gravel	5	5	35	NR			752.0		35					
745.5	WEATHERED BEDROCK	15	6	8	NP	6		745.5	Boring terminated at 33.00 ft	35					
744.5	Run 1: 18' to 23' Recovery=100% RQD=7% Very poor, strong, light gray and	20	7	23	NP	6		744.5		40					

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-11-2009	Complete Drilling	05-11-2009
Drilling Contractor	Wang Testing Services	Drill Rig	Mobil B-57 TMR
Driller	J&K	Logger	B. Wilson
Checked by	N. Davis	Time After Drilling	NA
Drilling Method	4.25-inch HSA; 140 lb Mobil Automatic Hammer	Depth to Water	NA
backfilled upon completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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BORING LOG SB-2
WEI Job No.: 412-01-01

Datum: NAVD 88
Elevation: 764.80 ft
North: 1928796.50 ft
East: 976365.24 ft
Station: 10+70.50
Offset: 11.60 LT

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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows in)	Cu (tsf)	Moisture Content (%)
764.5	6-inch thick ASPHALT --PAVEMENT-- Medium dense, brown LOAM with some gravel --FILL--	0	1	11	NP	10		764.5		0					
760.3	Loose, brown SANDY LOAM	5	2	2	NP	14		760.3	Run 1: 22' to 27' Recovery=100% RQD=0% Very poor, strong, light gray and yellowish, highly fractured, somewhat weathered DOLOSTONE with shale partings and little cavities	25					
753.8	Run 2: 27' to 32' Recovery=100% RQD=0% Very poor, strong, light gray and yellowish, highly fractured, somewhat weathered DOLOSTONE with shale partings and little cavities	30	4	4	NP	21		753.8	Run 3: 32' to 37' Recovery=100% RQD=14% Very poor, strong, light gray, highly fractured, unweathered DOLOSTONE with shale partings and little cavities	35					
753.3	Loose to medium dense, gray SILT to SILTY LOAM	10	5	2	NP	19		753.3		35					
746.8	Stiff, gray CLAY LOAM with little gravel	20	8	2	NP	11		746.8	Boring terminated at 37.00 ft	40					

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-11-2009	Complete Drilling	05-11-2009
Drilling Contractor	Wang Testing Services	Drill Rig	Mobil B-57 TMR
Driller	J&K	Logger	B. Wilson
Checked by	N. Davis	Time After Drilling	NA
Drilling Method	4.25-inch HSA; 140 lb Mobil Automatic Hammer	Depth to Water	NA
backfilled upon completion		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

FILE NAME = W:\Projects\2010\100025 Burr Ferson TR 194\Structural\Drawings\SB-1.dwg



USER NAME = nparr11	DESIGNED - HLF	REVISED -
PLOT SCALE =	CHECKED - AEU	REVISED -
PLOT DATE = 10/18/2011	DRAWN - HLF	REVISED -
	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 045-3080
SHEET NO. 20 OF 20 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0194	08-14117-00-BR	KANE	76	53
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63645		