

**Wang Engineering**  
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**BORING LOG RB-01** Page 1 of 1  
 WEI Job No.: 412-02-01  
 Datum: NGVD  
 Elevation: ft  
 North: ft  
 East: ft  
 Station: ft  
 Offset: ft

Client: **Wills, Burke, Kelsey & Associates**  
 Project: **IL 173 over Nippersink Creek**  
 Location: **Hebron, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)
7.0	3-inch thick Crushed stone and asphalt --SHOULDER--	1	1	NP		7.0					
10.0	Loose, brown and gray GRAVELLY LOAM --FILL--	2	2	NP		10.0					
10.0	Loose to medium dense, brown LOAM, little gravel	3	3	NP		10.0					
Boring terminated at 6.00 ft											

**GENERAL NOTES**  
 Begin Drilling: 06-23-2010 Complete Drilling: 06-23-2010  
 Drilling Contractor: GSG Drill Rig: Diedrich D-50 TMR  
 Driller: J&M Logger: B. Wilson Checked by: NA  
 Drilling Method: 3.25 IDA HSA; boring 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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**BORING LOG RB-02** Page 1 of 1  
 WEI Job No.: 412-02-01  
 Datum: NGVD  
 Elevation: ft  
 North: ft  
 East: ft  
 Station: ft  
 Offset: ft

Client: **Wills, Burke, Kelsey & Associates**  
 Project: **IL 173 over Nippersink Creek**  
 Location: **Hebron, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)
6.0	4-inch thick Crushed stone and asphalt --SHOULDER--	1	1	NP		6.0					
12.5	Loose, brown GRAVELLY LOAM --FILL--	2	2	1.25 P		12.5					
28.0	Stiff, brown SILTY CLAY	3	3	0.50 P		28.0					
23.0	Medium stiff, brown SILTY CLAY LOAM	4	4	0.25 P		23.0					
14.0	Loose, brown LOAM, some gravel	5	5	NP		14.0					
14.0	Vary soft to soft, brown SILTY CLAY LOAM, trace gravel	6	6	< 0.25 P		14.0					
11.0		7	7	0.25 P		11.0					
10.0	Vary stiff, brown SILTY CLAY LOAM, trace gravel	8	8	2.00 P		10.0					
Boring terminated at 14.00 ft											

**GENERAL NOTES**  
 Begin Drilling: 06-23-2010 Complete Drilling: 06-23-2010  
 Drilling Contractor: GSG Drill Rig: Diedrich D-50 TMR  
 Driller: J&M Logger: B. Wilson Checked by: NA  
 Drilling Method: 3.25 IDA HSA; boring 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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**BORING LOG RB-03** Page 1 of 1  
 WEI Job No.: 412-02-01  
 Datum: NGVD  
 Elevation: ft  
 North: ft  
 East: ft  
 Station: ft  
 Offset: ft

Client: **Wills, Burke, Kelsey & Associates**  
 Project: **IL 173 over Nippersink Creek**  
 Location: **Hebron, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Value (blows/ft)	Moisture Content (%)
5.0	4-inch thick Crushed stone and asphalt --SHOULDER--	1	1	NP		5.0					
13.0	Loose, brown GRAVELLY LOAM --FILL--	2	2	0.75 P		13.0					
25.0	Medium stiff, brown LOAM, some gravel --FILL--	3	3	0.50 P		25.0					
23.0	3-inch thick black SILTY CLAY --BURIED TOPSOIL--	4	4	0.50 P		23.0					
20.0	Medium stiff, brown SILTY CLAY Soft, brown CLAY LOAM	5	5	0.25 P		20.0					
9.0	Medium dense, brown GRAVELLY SAND	6	6	NP		9.0					
Boring terminated at 12.00 ft											

**GENERAL NOTES**  
 Begin Drilling: 06-23-2010 Complete Drilling: 06-23-2010  
 Drilling Contractor: GSG Drill Rig: Diedrich D-50 TMR  
 Driller: J&M Logger: B. Wilson Checked by: NA  
 Drilling Method: 3.25 IDA HSA; boring 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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