

**Wang Engineering, INC.**  
 Consulting Geotechnical and Environmental Engineers  
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 1 Four Seasons Court  
 Lombard, IL 601478  
 Telephone: 630 953-9928  
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**BORING LOG SB-1**  
 WEI Job No.: 585-04-01  
 Client: Robert H. Anderson & Associates, Inc.  
 Project: Hopps Road over Otter Creek  
 Location: Illinois, Kane County, T40N, R8E, Section 32 NW1/4

Datum: NGVD  
 Elevation: 778.27 ft  
 North: 1940986.00 ft  
 East: 977860.14 ft  
 Station: 92+22.80  
 Offset: 5.898 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)
778.4	10-inch thick ASPHALT --PAVEMENT-- Loose to medium dense, brown GRAVELLY SAND --FILL--	1	7	9	NP	4	750.8	Medium dense, gray GRAVEL	11	7	12	NP	
		2	7	9	NP	4			12	7	8	NP	
		3	4	4	NP	8							
771.3	Stiff, dark gray SILTY CLAY	4	3	3	1.23	22			13	6	7	NP	
768.8	Loose, gray SILT	5	2	2	NP	10			14	12	12	NP	
		6	2	2	NP	26			15	8	11	NP	
		7	2	2	NP				16	13	21	NP	
761.3	Very loose to medium dense, gray, medium to coarse SAND	8	2	2	NP				17	7	12	NP	
		9	2	3	NP				18	5	12	NP	
		10	4	4	NP				19	7	12	NP	
		25	4	4	NP				20	21	19	NP	
							722.3	Dense, gray fine SAND, with silty clay lense	21	10	11	NP	
									25	13	25	NP	

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	01-17-2007	Complete Drilling	01-17-2007
Drilling Contractor	Precon Drilling, Inc.	Drill Rig	TMR CME-75
Driller	J&N	Logger	W.W.
Checked by	E.D.	Time After Drilling	NA
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion	Depth to Water	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Cu (tsf)	Moisture Content (%)
727.3	Soft, gray SILTY CLAY	17	7	9	0.48	11							
		18	5	12	NP								
722.8	Dense, fine SAND	19	7	12	NP								
		20	21	19	NP								
717.8	Medium dense, gray GRAVEL	21	10	11	NP								
		22	7	12	NP								
710.3	Weathered Dolomite SAMPLER REUSAL Boring terminated at 93.25 ft	23	7	12	NP								
		24	7	12	NP								
		25	13	21	NP								

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FILE NAME = P:\CBBEL WEST Projects\2009\GP-0073 Hopps Rd\Structural\Drawings\SoilBoring\_01.dgn



USER NAME = nparr1s	DESIGNED - DLS	REVISED -
PLOT SCALE =	CHECKED - AEU	REVISED -
PLOT DATE = 12/16/2011	DRAWN - DLS	REVISED -
	CHECKED - AEU	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOG I  
 STRUCTURE NO. 045-3180**  
 SHEET NO. 16 OF 17 SHEETS

T.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2442	04-08107-00-BR	KANE	80	50
CONTRACT NO. 63644				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				