




Project No. 03R1807		LOG OF BOREHOLE NO. B-4		Sheet 1 of 2	
CLIENT		ARCHITECT/ENGINEER			
SITE		PROJECT			
Winnebago County, Illinois		Kishwaukee Road Bridge			
GRAPHIC LOG	DEPTH (ft)	SAMPLES		TESTS	
		BLOWB/ft VALUE	RECOVERED (ft) LTH SAMPLE	MOISTURE %	DRY DENSITY (pcf)
	Surface Elev.: 674.3 ft				
	Wet - Brownish medium to coarse sand & gravel.	2-2 3 N=5	SS-1	SS	18/18 100%
		3-4 4 N=8	SS-2	SS	18/18 100%
	6.5	10-30 25 N=55	SS-3	SS	18/18 100%
	Start broken limestone mixed with sand & gravel.	35-47 22 N=69	SS-4	SS	18/18 100%
	11.0	14-50 55 N=105	SS-5	SS	18/18 100%
	More sand & gravel, less broken rock - still mix of two or possible large stone instead of rock.	57-65 8 N=133	SS-6	SS	18/18 100%
	15.0	48-33 38 N=99	SS-7	SS	18/18 100%
	18.5	68-92	SS-8	SS	12/12 100%
	Brownish, grayish silty fine sand with broken rock mix.	13-14 15 N=29	SS-9	SS	18/18 100%
	22.5				
	25.0				
	28.5				
	29.5	125/3"	SS-10	SS	3/3 100%
	30.0				
Broken rock & silt or fine sand. Did another ss @ 29' - All broken limestone					
Continued Next Page					
WATER LEVEL OBSERVATIONS		 HANSON Hanson Professional Services Inc. Springfield, Illinois		STARTED	FINISHED
		DRILL CO.	DRILL RIG		
		DRILLER	ASST DRILLER		
		LOGGED BY	APPROVED		

Project No. 03R1807		LOG OF BOREHOLE NO. B-4		Sheet 2 of 2	
CLIENT		ARCHITECT/ENGINEER			
SITE		PROJECT			
Winnebago County, Illinois		Kishwaukee Road Bridge			
GRAPHIC LOG	DEPTH (ft)	SAMPLES		TESTS	
		BLOWB/ft VALUE	RECOVERED (ft) LTH SAMPLE	MOISTURE %	DRY DENSITY (pcf)
	(continued) 29.5				
	Apparent top of bedrock.	64.8			
WATER LEVEL OBSERVATIONS					
		 HANSON Hanson Professional Services Inc. Springfield, Illinois		STARTED	FINISHED
		DRILL CO.	DRILL RIG		
		DRILLER	ASST DRILLER		
		LOGGED BY	APPROVED		

BORING LOGS
STRUCTURE NUMBER 101-3100

PROFESSIONAL DESIGN FIRM LICENSE #184-001084

 Hanson Professional Services Inc.	JOB NO. 03R1807	SHEET NO. 37	F.A.U. RTE. 5103	SECTION 03-00337-00-BR	COUNTY Winnebago	TOTAL SHEETS 66	SHEET NO. 52
	DATE 10/26/10	47 SHEETS	CONTRACT NO. 85523		ILLINOIS FED. AID PROJECT		

LAYOUT: 08/23/10
 DRAWN: 10/25/10
 REVIEWED: 10/26/10
 03R1807
 103180703R1807