

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 3 Date 5/14/08

ROUTE Bypass 20, FAP 301 DESCRIPTION P92-075-08 US 20 over main channel of Rock River, .7 m. E. of IL 2 LOGGED BY W. Garza

SECTION (3, 4) R LOCATION Rockford Twp., - 11 NW, SEC., TWP. 43N, RNG. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 101-0059 & 0060 Station 492+30

BORING NO. B-1b Station 492+96 Offset 8.00ft Rt EB CL Ground Surface Elev. 708.9 ft

DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (tsf)	M.O.S.T. (%)	DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (tsf)	M.O.S.T. (%)
0	Surface Water Elev. _____ ft			0	Surface Water Elev. _____ ft		
	Stream Bed Elev. 75.0 ft				Stream Bed Elev. 75.0 ft		
	Groundwater Elev.: _____ ft				Groundwater Elev.: _____ ft		
	First Encounter _____ ft				First Encounter _____ ft		
	Upon Completion _____ ft				Upon Completion _____ ft		
	After _____ Hrs. _____ ft				After _____ Hrs. _____ ft		
5	MEDIUM tan clean medium coarse SAND			5	MEDIUM tan clean medium coarse SAND		
7				7			
8				8			
667.40				667.40			
664.90				664.90			
663.90				663.90			
662.40	MEDIUM tan clean medium coarse SAND			662.40	Wash MEDIUM tan clean medium coarse SAND		
659.90				659.90			
657.40	MEDIUM tan clean medium coarse SAND			657.40	Wash MEDIUM tan clean medium coarse SAND		
654.90				654.90			
652.40	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL			652.40	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL		
649.90				649.90			
647.40				647.40			
644.90				644.90			
642.40				642.40			
639.90				639.90			
637.40				637.40			
634.90				634.90			
632.40				632.40			
629.90				629.90			
627.40				627.40			
624.90				624.90			
622.40				622.40			
619.90				619.90			
617.40				617.40			
614.90				614.90			
612.40				612.40			
609.90				609.90			
607.40				607.40			
604.90				604.90			
602.40				602.40			
600.00				600.00			
597.40				597.40			
594.90				594.90			
592.40				592.40			
589.90				589.90			
587.40				587.40			
584.90				584.90			
582.40				582.40			
579.90				579.90			
577.40				577.40			
574.90				574.90			
572.40				572.40			
569.90				569.90			
567.40				567.40			
564.90				564.90			
562.40				562.40			
559.90				559.90			
557.40				557.40			
554.90				554.90			
552.40				552.40			
549.90				549.90			
547.40				547.40			
544.90				544.90			
542.40				542.40			
539.90				539.90			
537.40				537.40			
534.90				534.90			
532.40				532.40			
529.90				529.90			
527.40				527.40			
524.90				524.90			
522.40				522.40			
519.90				519.90			
517.40				517.40			
514.90				514.90			
512.40				512.40			
509.90				509.90			
507.40				507.40			
504.90				504.90			
502.40				502.40			
500.00				500.00			
497.40				497.40			
494.90				494.90			
492.40				492.40			
490.00				490.00			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, form 137 (Rev. 8-99)

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5	MEDIUM tan clean medium coarse SAND			3	MEDIUM tan fine SAND		
7				9			
8				9			
667.40				647.40			
664.90				644.90			
663.90				642.40			
662.40	MEDIUM tan clean medium coarse SAND			642.40	Wash MEDIUM tan clean medium coarse SAND		
659.90				639.90			
657.40	MEDIUM tan clean medium coarse SAND			637.40	Wash MEDIUM tan clean medium coarse SAND		
654.90				634.90			
652.40	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL			632.40	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL		
649.90				629.90			
647.40				627.40			
644.90				624.90			
642.40				622.40			
639.90				619.90			
637.40				617.40			
634.90				614.90			
632.40				612.40			
629.90				609.90			
627.40				607.40			
624.90				604.90			
622.40				602.40			
619.90				600.00			
617.40				597.40			
614.90				594.90			
612.40				592.40			
609.90				589.90			
607.40				587.40			
604.90				584.90			
602.40				582.40			
600.00				579.90			
597.40				577.40			
594.90				574.90			
592.40				572.40			
589.90				569.90			
587.40				567.40			
584.90				564.90			
582.40				562.40			
579.90				559.90			
577.40				557.40			
574.90				554.90			
572.40				552.40			
569.90				549.90			
567.40				547.40			
564.90				544.90			
562.40				542.40			
559.90				539.90			
557.40				537.40			
554.90				534.90			
552.40				532.40			
549.90				529.90			
547.40				527.40			
544.90				524.90			
542.40				522.40			
539.90				519.90			
537.40				517.40			
534.90				514.90			
532.40				512.40			
529.90				509.90			
527.40				507.40			
524.90				504.90			
522.40				502.40			
519.90				500.00			
517.40				497.40			
514.90				494.90			
512.40				492.40			
509.90				490.00			

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DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (tsf)	M.O.S.T. (%)	DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (tsf)	M.O.S.T. (%)
13	Wash MEDIUM tan SANDY GRAVEL			13	Wash MEDIUM tan SANDY GRAVEL		
14				14			
16				16			
627.40				627.40			
624.90				624.90			
622.40				622.40			
620.00				620.00			
617.40				617.40			
614.90				614.90			
612.40				612.40			
609.90				609.90			
607.40				607.40			
604.90				604.90			
602.40				602.40			
600.00				600.00			
597.40				597.40			
594.90				594.90			
592.40				592.40			
589.90				589.90			
587.40				587.40			
584.90				584.90			
582.40				582.40			
579.90				579.90			
577.40				577.40			
574.90				574.90			
572.40				572.40			
569.90				569.90			
567.40				567.40			
564.90				56			