

Contract #64970
** (W-15d) T-1

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation-D-2

SOIL BORING LOG

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ROUTE FAP 505 DESCRIPTION P92-102-06 IL 75 box culvert, 0.3 m. E. of Weber Road LOGGED BY P. Drezzen Date 7/17/06

SECTION (W-15D)/T-1 LOCATION Durand Twp. - 14 SE, SEC. , TWP. 28N, RNG. 10E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 101-1043
Station _____

BORING NO. B-1b
Station +16E
Offset 10.00ft S CL EB Lane
Ground Surface Elev. 99.70 ft

SOIL DESCRIPTION	DEPTH (ft)	B (ft)	U (tsf)	M (%)	SOIL DESCRIPTION	DEPTH (ft)	B (ft)	U (tsf)	M (%)
MEDIUM black LOAM			0.5	22.0	DENSE tan SAND & GRAVEL with weathered LIMESTONE (continued)	78.70	24		
			P				25		
MEDIUM brown SILTY LOAM	97.70	1			DENSE tan SAND & GRAVEL with weathered LIMESTONE		15		
		2	0.5	27.0			19		
	96.20	4	P		End of Boring	76.20	23		
MEDIUM black SILTY LOAM									
		1							
		2	0.6	26.0					
	98.70	3	B						
MEDIUM gray SILTY CLAY									
		2							
		2	0.6	33.0					
	91.20	4	B						
SOFT gray SILTY CLAY									
		1							
		3	0.5	26.0					
	88.70	5	B						
SOFT gray SILTY CLAY									
		1							
		3	0.5	23.0					
	85.70	3	B						
MEDIUM tan SAND									
		2							
		5							
	83.70	11							
Wash									
MEDIUM tan SAND & GRAVEL with weathered LIMESTONE		10							
		11							
	81.20	13							
		18							

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, from 137 (Rev. 8-99)

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COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic


STRUCT. NO. 101-1043
Station _____

BORING NO. B-2b
Station +10 W
Offset 9.00ft N CL WB Lane
Ground Surface Elev. 99.70 ft

SOIL DESCRIPTION	DEPTH (ft)	B (ft)	U (tsf)	M (%)	SOIL DESCRIPTION	DEPTH (ft)	B (ft)	U (tsf)	M (%)
SOFT black LOAM			0.3	19.0	Wash				
			P		DENSE tan SAND & GRAVEL (continued)	78.70	17		
SOFT black LOAM	97.70	2			DENSE tan SAND & GRAVEL		22		
		2	0.3	25.0			21		
	96.20	3	P		End of Boring	76.20	22		
MEDIUM brown SANDY LOAM									
		1							
		6	0.5	16.0	DENSE tan SAND & GRAVEL		18		
	93.70	9	P				16		
					End of Boring	73.70	20		
MEDIUM black LOAM with 11% ORGANICS									
		1							
		2	1.0	56.0					
	91.20	3	P						
SOFT gray SILTY CLAY									
		2							
		2	0.5	27.0					
	88.70	3	B						
SOFT brown SILTY CLAY									
		2							
		3	0.5	24.0					
	86.20	5	P						
VERY SOFT brown SILTY CLAY with SAND lens									
		1							
		2		22.0					
	83.20	3							
MEDIUM tan SAND with weathered LIMESTONE									
		11							
		14							
	81.20	15							
		20							

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, from 137 (Rev. 8-99)

 Excellence through Ownership 200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION BORINGS IL 75 OVER UNNAMED TRIBUTARY TO SOUTH BRANCH OTTER CREEK FAP RTE 505 - SECTION (W-15d)/T-1 WINNEBAGO COUNTY STATION 11075+29.29 STRUCTURE NO. 101-1082
	DATE: 3/03/2009 DRAWN BY JMT CHECKED BY BLB