SN 052-2029

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Date 4/30/01

ROUTE FAP 615 DESCRIPTION P-92-056-93 IL 26 culvert, 7.2 miles north of Ohio, 0.9 mile south of McCoy Road LOGGED BY C. Jenkins

SECTION (102, 114) RS-4 LOCATION Marion Twp. - SE, SEC. 33, TWP. 20N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station 325 + 80

BORING NO. B-1b
Station 325 + 48
Offset 13.00ft Lt CL
Ground Surface Elev. 99.4 ft

Surface Water Elev. 90.0 ft (=686.5)
Stream Bed Elev. 88.6 ft (=683.1)

Groundwater Elev.:
First Encounter 86.4 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	Depth (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gravel (686.4 = 683.9)					
MEDIUM black SANDY LOAM				0.6 P	14
	96.90				
MEDIUM black SANDY LOAM with a SAND lens			2 2 3	0.9 P	16
	95.40				
		-5			
MEDIUM gray/black SANDY LOAM with SAND lenses			1 2 5	0.6 S	14
	92.90				
STIFF black SANDY LOAM			1 3 4	1.2 B	22
	(684.4) 89.90				
		-10			
MEDIUM tan river SAND & GRAVEL FL=683.1			2 5 6		
	87.90				
VERY LOOSE tan SAND with some GRAVEL ▼			1 1 2		
	85.40				
		-15			
MEDIUM tan SAND with some GRAVEL			1 4 7		
	82.90				
MEDIUM tan SAND & GRAVEL			4 7 8		
	80.40				
	(673.9)	-20			

Description	Elev.	Depth (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
begin 1st wash			9		
MEDIUM tan SAND & GRAVEL			9 11		
	(672.40) 77.90				
Same as above			5 7 10		
	75.40				
		-25			
Wash Same as above			8 7 8		
	72.90				
Wash Same as above			5 6 9		
	(664.90) 70.40				
		-30			
Same as above			4 5 6		
	67.90				
Wash Same as above			4 6 8		
	65.40				
		-35			
Wash Same as above			6 10 12		
	62.90				
Same as above			10 12 13		
	60.40				
	(653.9)	-40			

Note: Project Survey Datum Elev in ( )

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)

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Date 4/30/01

ROUTE FAP 615 DESCRIPTION P-92-056-93 IL 26 culvert, 7.2 miles north of Ohio, 0.9 mile south of McCoy Road LOGGED BY C. Jenkins

SECTION (102, 114) RS-4 LOCATION Marion Twp. - SE, SEC. 33, TWP. 20N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station 325 + 80

BORING NO. B-1b
Station 325 + 48
Offset 13.00ft Lt CL
Ground Surface Elev. 99.4 ft

Surface Water Elev. 90.0 ft
Stream Bed Elev. 88.6 ft

Groundwater Elev.:
First Encounter 86.4 ft ▼
Upon Completion Wash ft
After ___ Hrs. ___ ft

Description	Elev.	Depth (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM gray SAND & GRAVEL			8 10 13		
	57.90				
Same as above			12 13 17		
	(649.9) 55.40				
End of Boring		-45			
		-50			
		-55			
		-60			

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)