STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 12/8/97

ROUTE FA 734 DESCRIPTION P-92-005-89 Over Mud Creek on proposed IL 2 LOGGED BY Robertson

SECTION 77-2-2, 77-2B-1, 77-2HB, 77B-1-M LOCATION Owen Twp. - NE, SEC. 26, TWP. 45N, RNG. 1E, PM

COUNTY Winnebago DRILLING METHOD HAMMER TYPE

STRUCT. NO.
Station 22+652

BORING NO. B-2f
Station 22 + 618
Offset 107.00ft Lt
Ground Surface Elev. 715.5 ft

Surface Water Elev. 716.0 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 698.5 ft
Upon Completion 709.5 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
yellow road rock (LIMESTONE)					
	713.00				
MEDIUM tan SAND & GRAVEL			10		
			9		
	711.50		7		
LOOSE tan SAND & GRAVEL		-5	6		
			4		
	709.00		2		
VERY LOOSE brown dirty SAND			1		
			1		
	706.50		2		
LOOSE gray SAND		-10	2		
			1		
	704.00		4		
LOOSE Same as above			1		
			4		
			4		
	701.00				
gray CLAY		-15	2		
			2	0.4	22
			7	P	
	698.50				
MEDIUM gray SAND & GRAVEL			9		
			11		
			15		
	696.00				
		-20			
VERY STIFF gray CLAY			9		
			9	3.9	23
	694.00		14	B	
HARD gray CLAY			9		
			11	3.7	23
	691.50		15	B	
HARD Same as above		-25	8		
			11	5.4	23
	689.00		13	B	
HARD Same as above			9		
			11	4.5	23
	686.50		17	B	
VERY STIFF Same as above		-30	10		
			13	2.3	21
	683.50		18	B	
MEDIUM black/gray fine SAND			7		
			10		
	681.00		13		
HARD gray CLAY		-35	13		
			18	7.4	18
	679.00		38	S	
HARD gray CLAY			22		
			100/304 mm PEN	810.9	18
	676.50			B	
		-40			

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Date 9/5/01

ROUTE FA 734 DESCRIPTION P-92-005-89 IL 2 over Mud Creek LOGGED BY C. Jenkins

SECTION 77-2-2, 77-2B-1, 77-2HB, 77B-1-M LOCATION Owen Twp. - NE, SEC. 26, TWP. 45N, RNG. 1E, PM

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. B-3g
Station 22+668
Offset ft SB N. Abut CL
Ground Surface Elev. 708.1 ft

Surface Water Elev. 704.8 ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 698.1 ft
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
MEDIUM brown SILTY LOAM with ORGANICS				0.8	20
				P	
	705.60				
Same as above			2		
			2	0.8	23
	704.10		2	P	
MEDIUM brown SANDY LOAM with ORGANICS		-5	2		
			2	0.6	24
	701.60		1	P	
SOFT gray SILTY LOAM			0		
			1	0.3	30
	698.60		0	S	
LOOSE tan SAND & GRAVEL		-10	1		
			4		
	696.10		5		
STIFF gray SILT			3		
			4	1.3	24
	694.10		4	B	
VERY STIFF brown CLAY		-15	2		
			4	2.3	23
	691.60		6	B	
STIFF brown SILTY CLAY			1		
			3	1.1	22
	689.10		2	B	
		-20			
VERY STIFF brown CLAY			2		
			3	2.3	24
	686.60		4	B	
VERY STIFF brown SILTY CLAY			1		
			4	2.1	23
	684.10		5	B	
Same as above		-25	5		
			7	2.7	25
	681.60		8	B	
Same as above			3		
			4	2.5	24
	679.10		5	B	
Same as above		-30	2		
			3	3.3	23
	676.60		5	B	
Same as above			2		
			6	2.3	23
	673.60		6	B	
MEDIUM tan fine SAND		-35	2		
			4		
	671.60		14		
DENSE tan fine SAND with a tan/pink SANDY CLAY lens			6		
			20		
	669.10		15		
		-40			

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Offset 107.00ft Lt
Ground Surface Elev. 715.5 ft

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Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 698.5 ft
Upon Completion 709.5 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
HARD gray CLAY			26		
			35	8.2	19
	674.00		57	B	
HARD gray CLAY			22		
			30	8.9	19
	671.50		44	B	
VERY DENSE brown SAND & GRAVEL		-45	11		
			48		
	669.00		100/219 mm PEN	9.4	
		-50			
		-55			

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Station 22+668
Offset ft SB N. Abut CL
Ground Surface Elev. 708.1 ft

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Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 698.1 ft
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	Qu (tsf)	MOIST (%)
DENSE tan SAND & GRAVEL with a brown SILTY LOAM lens			5		
			19		
	666.60		24		
Wash DENSE, red brown SAND with medium SAND & GRAVEL lens			7		
			15		
	664.10		24		
VERY DENSE, tan-brown, medium SAND with GRAVELLY lens & till in sampler nose		-45	12		
			25		
	661.10		36		
VERY STIFF mauve CLAY TILL with GRAVEL lens on top			13		
			6	2.3	11
	659.10		8	B	
		-50			
		-55			

DESIGNED	APH
CHECKED	JAW
DRAWN	APH
CHECKED	JAW

BORING LOGS
STRUCTURE NO. 101-0177 & 101-0178

SHEET NO. 29	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	301
30 SHEETS			CONTRACT NO. 64813		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		