


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	198
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* ROUTE 17 (US 52 / IL 64)				
** (1,2)RS & (3-1)RS-1				

BORING LOGS



Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 9/3/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 0.4 m. E. of Jacobstown Road LOGGED BY C. Jenkins


SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - SW, SEC. 9, TWP. 24N, RNG. 4E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O D E	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S	M O D E
BORING NO. <u>B-1f</u> Station <u>363+38</u> Offset <u>15.00ft Lt CL</u> Ground Surface Elev. <u>99.2</u> ft					None ft 66.6 ft				
					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
STIFF tan SILTY LOAM			1.2	18	VERY STIFF tan/gray SILTY CLAY	4			
			P			7	2.7	22	
					77.20	9	S		
STIFF tan/gray SILTY LOAM	96.20	4			VERY STIFF tan SILTY CLAY	3			
		6	1.8	18		5	2.3	22	
	94.70	7	S			6	B		
					74.70				
					-5				
VERY STIFF tan/gray SILTY LOAM		4			STIFF gray SILTY LOAM	2			
		6	3.5	17		4	1.7	25	
	92.20	7	S			5	P		
					72.20				
STIFF tan/gray SILTY LOAM		2			STIFF gray SILTY LOAM with ORGANICS	2			
		4	1.8	20		2	1.3	31	
	89.70	7	S			4	S		
					69.70				
					-10				
VERY STIFF tan/gray SILTY LOAM		3			VERY STIFF gray/green SILTY CLAY	2			
		6	2.5	20		3	2.3	25	
	87.20	8	S			6	B		
					66.70				
STIFF tan/gray SILTY LOAM over tan weathered LIMESTONE		4			MEDIUM tan dirty weathered LIMESTONE	7			
		6	1.9	20		9			
		33	B			14			
	84.20				64.70				
					-35				
LOOSE tan weathered LIMESTONE		3			VERY STIFF tan/green SHALEY CLAY with LIMESTONE fragments	10			
		4				10	3.1	13	
	82.20	5				14	S		
					61.70				
MEDIUM tan weathered LIMESTONE		4			HARD tan/green SHALEY CLAY TILL with LIMESTONE fragments	6			
		8				10	7.2	16	
	79.70	11				14	S		
					59.70				
					-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)



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					Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft				
HARD tan/green SHALEY CLAY TILL with LIMESTONE fragments		4				4			
		10	4.5	13		7	2.7	22	
		14	P		56.70	9	S		
HARD tan/green SHALEY CLAY with LIMESTONE fragments		4				3			
		14	5.8	15		5	2.3	22	
	54.70	12	S			6	B		
					-45				
MEDIUM tan weathered LIMESTONE with a SHALEY CLAY lens		8				2			
		12				4	1.7	25	
	52.20	15				5	P		
HARD tan/gray SHALEY CLAY TILL with LIMESTONE fragments		10				2			
		14	6.6	14		2	1.3	31	
	49.70	18	S			4	S		
End of Boring					-50				
					-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

PLOT DATE = Fri Mar 23 06:20:37 2007
 PLOT SCALE = 5/8" = 1' (AASHTO T206)
 USER NAME = hemsokn

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		VERT. SCALE: HORIZ. DATE DRAWN BY CHECKED BY