

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	199
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

Page 1 of 2
Date 8/28/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, 1 m. E. of N. Dauphin Road at Roberts Road LOGGED BY C. Jenkins

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - NE, SEC. 7, TWP. 24N, RNG. 4E

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

STRUCT. NO. _____
Station 301+71

BORING NO. B-1g
Station 301+63
Offset 13.00ft Rt CL
Ground Surface Elev. 99.8 ft

SOIL DESCRIPTION	D E P T H ft	B L O W S (ft)	U C S (tsf)	M O I S T U R E (%)	SOIL DESCRIPTION	D E P T H ft	B L O W S (ft)	U C S (tsf)	M O I S T U R E (%)
MEDIUM gray/green SILTY CLAY			0.6	20	VERY SOFT tan SILT	78.30	0	0.2	27
			P				2	B	
MEDIUM tan SILT with LIMESTONE fragments	97.30	3	0.9	20	MEDIUM tan SILT		1	0.6	26
	95.80	4	P			75.80	2	B	
STIFF tan/brown SILT with LIMESTONE fragments		8	1.3	13	STIFF tan SILT		1	1.1	26
	93.30	6	P			73.30	2	B	
SOFT tan/gray SILT with LIMESTONE fragments		3	0.3	23	MEDIUM gray SILT		1	0.7	24
	90.80	5	B			70.80	3	B	
MEDIUM tan/gray SILT with LIMESTONE fragments		5	0.6	16	MEDIUM gray SILTY LOAM		2	0.8	23
	88.30	5	P			67.80	4	P	
STIFF tan SILT		1	1.5	27	VERY STIFF gray/green SILTY CLAY		1	2.3	22
	85.80	2	P			65.80	3	S	
STIFF gray/tan SILT		2	1.1	25	VERY STIFF tan/green SHALEY CLAY with a SHALE lens		7	3.7	21
	83.30	2	P			63.30	9	S	
MEDIUM tan SILT		1	0.5	27	HARD tan/green SHALEY CLAY		13	5.8	16
	80.80	2	B			60.80	14	S	
		3					21		

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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VERY STIFF tan/gray SILTY CLAY		9	3.1	16					
	58.30	13	S				16		
HARD tan/gray SHALEY CLAY		12	4.7	15					
	55.30	20	S				22		
VERY DENSE tan dirty weathered LIMESTONE with SHALEY CLAY lenses		19							
	53.30	34					42		
End of Boring									

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BBS, from 137 (Rev. 8-99)

PLOT DATE = Fri, Mar 23 06:26:38 2007
 FILE NAME = c:\projects\207\486\107\1001\log.dgn
 PLOT SCALE = 1/8" = 1' IN.
 USER NAME = hnsaoka

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

DRAWN BY _____
CHECKED BY _____