


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	203
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 9/12/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Retaining wall at Dauphin Road - south side of US 52/IL 64 LOGGED BY C. Jenkins


SECTION (1, 2, 3-1) RS LOCATION Savanna Twp. - SE, SEC. 1, TWP. 24N, RNG. 3E

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.		Groundwater Elev.:	
					ft	ft	ft	ft
					None	None	None	None
					None	None	None	None
BORING NO. <u>B-2a</u>					None	None	None	None
Station <u>245+00</u>					None	None	None	None
Offset <u>13.00ft Rt CL</u>					None	None	None	None
Ground Surface Elev. <u>99.3</u> ft	(ft)	((6")	(tsf)	(%)	After	Hrs.		
Gravel								
MEDIUM green SILTY LOAM			0.6	14				
			P					
	96.30							
MEDIUM gray/green SILTY LOAM TILL		3						
		4	0.8	17				
	94.80	7	S					
VERY STIFF tan/gray SILTY LOAM with LIMESTONE fragments		4						
		5	2.7	19				
	92.30	7	S					
VERY STIFF tan/gray SILTY CLAY		3						
		4	2.5	21				
	89.80	4	B					
SOFT tan SILTY LOAM with LIMESTONE fragments		2						
		2	0.3	26				
	87.30	2	P					
SOFT gray/tan SILTY LOAM		2						
		3	0.4	21				
	84.80	4	S					
MEDIUM tan/gray SILTY LOAM		2						
		3	0.8	18				
	82.30	5	P					
End of Boring								

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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IDOT

## SOIL BORING LOG

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Date 9/11/03

ROUTE FAP 17 DESCRIPTION P92-074-00 Culvert on US 52, culvert 250' W. of Quarry Road LOGGED BY C. Jenkins

SECTION (1, 2, 3-1) RS LOCATION Mt. Carroll Twp. - SW, SEC. 10, 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.		Groundwater Elev.:	
					ft	ft	ft	ft
					84.3	84.0	None	None
					84.3	84.0	None	None
BORING NO. <u>B-2b</u>					82.2	81.2	None	None
Station <u>446+50</u>					82.2	81.2	None	None
Offset <u>13.00ft Lt CL</u>					81.2	81.2	None	None
Ground Surface Elev. <u>100.2</u> ft	(ft)	((6")	(tsf)	(%)	After	Hrs.		
Gravel								
MEDIUM brown SILTY LOAM with GRAVEL			1.5	15				
			P					
	78.20							
STIFF tan/black SILTY LOAM		6						
		7	1.8	21				
	97.20	9	S					
VERY STIFF gray/tan SILTY CLAY		3						
		4	2.7	23				
	95.70	4	S					
SOFT black SILTY CLAY with GRAVEL		3						
		3	0.4	22				
	93.20	4	S					
VERY DENSE gray/tan weathered LIMESTONE					71.70		100/3*	PEN
End of Boring								
	90.20							
LOOSE tan SAND & GRAVEL		2						
		3						
	87.70	4						
MEDIUM black SILTY LOAM with GRAVEL		1						
		0	0.8	28				
	85.70	2	S					
MEDIUM black SILTY CLAY		1						
		3	1.0	24				
	83.20	5	B					
LOOSE tan/gray weathered LIMESTONE		5						
		4						
	80.70	4						

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 20, 06:29:43, 2007  
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 USER NAME = hnsaonke

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