


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	11T	CARROLL	79	52
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BORING LOGS



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

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Date 3801

ROUTE FA 642 DESCRIPTION P92-166-00 Culvert on IL 78, 0.5 mile north of North Old Galena Trail LOGGED BY C. Jenkins

SECTION 11RS-3 LOCATION Woodland Twp. - SW, SEC. 24, TWP. 25N, RNG. 4E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic


STRUCT. NO. 3 Station 805+80

BORING NO. B-1c Station 806+11 Offset 6.00ft Lt CL Ground Surface Elev. 99.7 ft

Description	D (ft)	B (6")	U (tsf)	M (%)	Soil Data			
					Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	After Hrs.
Asphalt Concrete					26			
MEDIUM brown SANDY LOAM with GRAVEL		0.6	20		10			
					11			
HARD graytan SILTY CLAY	97.20	4						
		4	4.1	25				
	95.70	5	S					
STIFF tan SILTY CLAY		3						
		3	1.5	24				
	93.20	5	P					
STIFF tan SILTY LOAM		4						
		4	1.2	25				
	90.70	6	S					
MEDIUM tan SILTY LOAM with ORGANICS and a GRAVEL lens		6						
		6	0.7	26				
	87.70	4	P					
DENSE tan weathered LIMESTONE		13						
		18						
	85.70	16						
VERY DENSE tan weathered LIMESTONE		6						
		26						
	83.20	30						
Same as above		36						
		46						
	80.70	35						
	-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. 8-89)



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COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. 3 Station 805+80

BORING NO. B-2c Station 805+44 Offset 10.00ft Rt CL Ground Surface Elev. 99.8 ft

Description	D (ft)	B (6")	U (tsf)	M (%)	Soil Data			
					Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	After Hrs.
Asphalt Concrete					26			
MEDIUM browtan GRAVEL					10			
					11			
STIFF tan SILTY CLAY with some GRAVEL	97.30	3						
		3	1.4	24				
	95.80	5	P					
STIFF blue tan SILTY CLAY		2						
		2	1.2	26				
	93.30	5	P					
MEDIUM graygreen SILTY CLAY with some GRAVEL		2						
		2	0.7	29				
	90.30	3	S					
MEDIUM dirty brown weathered LIMESTONE		3						
		2						
	88.30	12						
Same as above		6						
		5						
	85.80	8						
DENSE tan brown dirty weathered LIMESTONE		12						
		20						
	83.30	18						
MEDIUM tan brown weathered LIMESTONE		6						
		7						
	80.30	9						
	-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. 8-89)

PLOT DATE = Wed Oct 18 15:24:12 2007
 PLOT SCALE = 1/8" = 20' (Horizontal)
 PLOT USER = dshenker

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

DRAWN BY _____
CHECKED BY _____