

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET
F.A.P. 332	(*)	VERMILION	140	72
FED. ROAD DIST. NO. 7	BUILDING	FED. AID PROJECT		

Contract #90841



Illinois Department of Transportation
Division of Highways
DOT - Dist 5
FAP 332

SOIL BORING LOG

Date 5/13/04

ROUTE (US 136/IL Rt. 1) DESCRIPTION Northfork Vermilion River 3.5 Miles N. of Danville LOGGED BY CNA

SECTION RX-1-BR-1 LOCATION NW, SEC. 8, TWP. 11W, RNG. 20N, 2nd PM

COUNTY Vermillion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-0035 (Exist.)
Station 198+07.35 (Exist.)

BORING NO. 2 N. Abut.
Station 200+87
Offset 8.0 R.L.L.
Ground Surface Elev. 607.3 ft

Surface Water Elev. 582.2 ft
Stream Bed Elev. 577.5 ft

Groundwater Elev.:
First Encounter 584.3 ft
Upon Completion Wash Bore ft
After Hrs. ft

DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONFINED COMPRESSIVE STRENGTH (UCS) FAILURE MODE	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONFINED COMPRESSIVE STRENGTH (UCS) FAILURE MODE	MOISTURE (%)
607.3				Pavement	586.3			
605.3				Brown Mottled Silty Clay Loam (Embankment)	582.3			
3					578.8			
4	2.9	19						
5	B							
2								
3	2.5	11						
3	B							
3								
5	2.4	21						
5	S							
3								
4	1.4	21						
5	B							
2								
5	1.8	14						
5	S							

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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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DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONFINED COMPRESSIVE STRENGTH (UCS) FAILURE MODE	MOISTURE (%)	SOIL DESCRIPTION
607.3				Gray to Brown/Pink Sandy Clay Loam Till (continued)
5				
10	6.2	12		
15	B			
3				
9	5.5	12		
15	S			
5				
10	4.1	12		
13	B			
5				
10	13			
13	B			
5				
15				
16				

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BBS, from 137 (Rev. 8-99)

SOIL BORINGS

U.S. ROUTE 136/IL. ROUTE 1 OVER
NORTH FORK VERMILION RIVER
F.A.P. ROUTE 332 SEC. RX-1-BR-1
VERMILION COUNTY
STATION 198+63.75
STRUCTURE NO. 092-0205

CHAMPAIGN, ILLINOIS
CHICAGO, ILLINOIS
EVANSVILLE, INDIANA
INDIANAPOLIS, INDIANA
KENOSHA, WISCONSIN
SPRING GREEN, WISCONSIN

Clark Dietz

REVISIONS	NAME	DATE	NOTES	DRAWING NUMBER
			NOTY DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.	S-31
DESIGNED BY	XX	PROJECT NO.	102288	
DRAWN BY	MEW	DATE	X/05	
CHECKED BY	MM			
APPROVED BY	XXX			
TITLE	DETAILS			