

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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SOIL BORING LOG

Illinois Department of Transportation
Division of Highways
District #2, Ottawa

US 24 over South Fork of Vermilion River, 0.3 miles West of IL 47 at Forrest

DATE 7/15/09

ROUTE FAP 317 (US 24) DESCRIPTION US 24 over South Fork of Vermilion River, 0.3 miles West of IL 47 at Forrest LOGGED BY LM

SECTION (25)BR-2 LOCATION SE 1/4, SEC. 4, TWP. 26N, RNG. 7E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0152 (Exist.) Station 473+87 (Exist.)	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. 669.64 ft	Stream Bed Elev. 667.89 ft	Groundwater Elev.: First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S Qu	M O I S T
Augered Shoulder Stone, Black Silty Clay Loam Fill & Conc. Debris											
Stiff Black & Brown Silty Clay Loam Fill with Conc. Debris											
Stiff Brown & Gray Silty Clay/Silty Clay Loam Loess											
Soft Black to Gray Loam with Gravel pieces & Silt Layers (Alluvial Deposits)											
Hard Gray Silty Clay Loam Till											
Hard Greenish Gray Sandy Loam/Sandy Clay Loam											

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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Dense Gray Fine to Medium Sand & Silt Interbedded, Minor Silty Loam Layers (washed sample 42.5-44.0') (continued)											
Dense Gray Fine Sand to Coarse Gravel with Layers of Sandy Loam/Loam											
Hard Grayish Brown Sandy Clay Loam/Sandy Loam Till with Sand Seams											
Dense Gray Fine Sand/Coarse Gravel with Minor Layers of Sandy Loam (washed sample 52.5-61.5')											

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BBS, from 137 (Rev. 8-99)

DESIGNED SDH
CHECKED JML
DRAWN DJM
CHECKED MSW
DATE 08/13/10

**SOIL BORING LOGS
STRUCTURE NO. 053-0188**

Farnsworth GROUP, INC. 2709 McGraw Drive Bloomington, Illinois 61704 309/663-8435, 309/663-1571 fax	SHEET NO. B24	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	26 SHEETS	317	(25)BR-2	LIVINGSTON	58	47
			CONTRACT NO. 66823			
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		