gravel (A-6)	В
	Ве
	Tr
	Вє
SAND: trace (A-3)	
gravel	Вє
The U The S	nc PT

EFK • Moen, LLC Civil Engineering Design 331 Salem Place, Suite 225 Fairview Heights, II. 62208 Phone 618-206-4250

USER NAME = cdl

PLOT SCALE = 0:2 ':' / IN.

PLOT DATE = 3/24/2014

P)	Illinois Depo of Transpor	ırtment tation		SOIL BORING LOG	·	1 of 2
	Division of Highways SCI Engineering, Inc. FAP 711	DECODINE	II 11:	9 over North Fork Vermilion River	Date	6/1/11 KEG
ROUTE		DESCRIPTION		LOG	GED BY	
SECTION	116 BR-1	LOCATI	Latitud	(2 miles east of IL 119 & IL 1), SEC. ,TWP e ,Longitude	, ,KNG. ,	1
COUNTY		RILLING METHOD	CM	E 55L w/HSA HAMMER TYPE _	Automa	ıtic
BORING NO. Station	092-0207 (PR) B-1 732+18	D B E L P O T W H S	U M C O S I S Qu T	Surface Water Elevft Stream Bed Elevft Groundwater Elev.:ft First Encounter622.5ft	D B E L P O T W H S	U M C O S I S S Qu T
Offset Ground Surfa	11.1 ft Rt. ace Elev. 640.45	_{ft}) (tsf) (%)	Upon Completion	(ft) (/6")	(tsf) (%)
ASPHALT - 17		639.03 2		GRAVEL: Brown, fine to coarse, with fine to coarse sand (A-1)		
FILL: Brown gravel (A-6)	clay, with sand and	2 3	0.6 18 S	- - -	8 8	9
Become	s gray and brown	1 2 -5 2	0.3 23 S	Becomes coarse, with fine to coarse sand, trace grayish brown clay	4 4 8	23
Trace g	ravel	1 2 3	0.5 20 S	SANDY CLAY (TILL): Gray, trace fine gravel (A-6)	16 15 15	11
		1 2 	0.4 20 S	- -	19 25 37	10
Becomes dark brown	3 4 4	0.8 21 S	- - -	<u>-</u> - -		
	1 3 3 -15 3	16	_	22 25 35 35	13	
trace coarse	, fine to medium,	624.12 1 2 2	20	- -		
(A-3) Become: gravel	s fine to coarse, trace	1 2	19	- -	35	9
J =		620.45 -20 5			₋₄₀ 50/5"	١

DESIGNED - CTW

CHECKED - CDL

- CTW

- 3/24/2014

DRAWN

DATE

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Illinois Departme of Transportatio	ent n	,	SOIL BORING LOG	Page	<u>2</u> of <u>2</u>
Division of Highways SCI Engineering, Inc.	1		SOIL BOILING LOO	Date	6/1/11
ROUTE FAP 711 DES		IL 119	over North Fork Vermilion River LOG	GED BY	KEG
SECTION116 BR-1	LOCATION	IL 119 ((2 miles east of IL 119 & IL 1), SEC. ,TWP.	,RNG. ,	
COUNTY Vermilion DRILLING	METHOD		,Longitude 55L w/HSA HAMMER TYPE	Auto	matic
092-0065 (EX) / 092-0207 (PR) Station BORING NO. B-1 Station 732+18 Offset 11.1 ft Rt. Ground Surface Elev. 640.45 ft Station Ground Surface	D B E L P O T W H S (ff) (/6")	U M C O S I S Qu T (tsf) (%)	Surface Water Elev ft Stream Bed Elev ft Groundwater Elev.: First Encounter 622.5 ft Upon Completion ft After Hrs ft		
SANDY CLAY (TILL): Gray, trace fine gravel (A-6)(continued)			- - -	<u>-</u> - -	
Becomes reddish brown	27	8	-	3	
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, form 137 (Rev. 8-99)

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

BBS, form 137 (Rev. 8-99)

F.A.P RTE. 711 SECTION BORING LOGS (1 OF 3) 116BR-1 STRUCTURE NO. 092-0207 SHEET NO. 31 OF 33 SHEETS