

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

Division of Highways Illinois Department of Transp	ortation		•		-		_	C	ate	4/8	3/58
		v	l-6	4 over	Forme	er L & N Railroad (Metrolink)	.OGGEI	BY.	H.V	V. Loc	hner
SECTION 82-2VB	_ LO	CATI	ION _	, SEC.	, TWF	P. 2N, RNG. 9W, 3 PM			*******	~~~~~~	
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger - Washout HAMMER TYPE 140#											
STRUCT. NO. 082-0162/0163 Station 135+78.67		D E P	B L O	UCS	M 0 1	Surface Water Elev. Stream Bed Elev.	ft	E P	B L O	UCS	M 0 1
BORING NO. 10B-2 Station SEE DRAWING		H	W S	Qu	S	Groundwater Elev.: First Encounter	ft		w s	Qu	S
Offset Ground Surface Elev. ft 415.8	ft	(ft)	(/6")	(tsf)	(%)	Upon Completion After 24 Hrs. 391.8	ft ft 🔽	(ft) ((6")	(tsf)	(%)
Black Cinders, Ashes, Coal with Trace of Fine Gravel (Fill)						Moist, Fine Brown SAND with Layers of Medium to Coarse Sand with Trace of Silt	÷		28	NC	
							393.3				
			6	NC		Molst, Fine Brown SAND with Layers of Medium to Coarse Sand with Trace of Silt	7	7	40	NC.	
	410.8	 -5					390.8	-25			
Moist, Brown and Gray CLAY with Layers of Silt			9	1.14		Moist, Fine Brown SAND with Layers of Medium to Coarse Sand with Trace of Silt	-	1	52	NC	
	408.3						_	亅	1		
Moist, Brown and Gray CLAY with Trace of Fine Sand			11	1.32			_		54	NC	
		-10		·			-	-30			
			10	1.38			-	\top	65	NC	
	403.3							7			
Moist, Fine Brown SAND with Trace of Silt			16	NC			_	1	61	NC	
		-15					380.8				
			13	NC		Molst, Fine Brown and Gray SAND with Trace of Silt	-		75	NC	
				·			_				
			13	NC			_	- '	58	NC	
I		-	1			11		1	- 1	- 1	

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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	Division of Highwallinois Departmen	ISPOITAL ays nt of Transportation						G LOC		Date 4/8/5
ROUTE	FAI 64	DESCRIPTIO	N	1-6	4 over	Forme	er L & N Railroad (Metro	olink) L	OGGED BY	H.W. Lochn
SECTION _	82-2V	3 LC	CATI	ON _	, SEC.	, TWF	P. 2N, RNG. 9W, 3 PM			
OUNTY _	St. Clair	DRILLIN	G ME	THOD	Ho	ollow S	Stem Auger - Washout	_ HAMMER T	YPE	140#
STRUCT, NO Station	082-016 135+7	2/0163 78.67	D E P	B L O	UCS	M 0 1	Surface Water Elev. Stream Bed Elev.		ft ft	
ORING NO Station Offset	. 10B SEE DR	-2 AWING	T H	W S	Qu	S	Groundwater Elev.: First Encounter Upon Completion		ft ft	
	rface Elev. <u>ft</u>		(ft)	(/6")	(tsf)	(%)	After 24 Hrs.	391.8		
	Brown and Gra	y 374.3	_	82	NC				:	
nd of Bore										
	e in "Blows" co N" value of the									
ample			-45							
			-50							
	-		-55							
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			-							

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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)

FILE NAME =	USER NAME = jstein	DESIGNED -	REVISED -
P:\060601B\dgn\CADD Sheets\D876867-sht-	porings.dgn	DRAWN - JWS	REVISED -
	PLOT SCALE = 0:34.306 m: / in.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

		A Add	led Sheet	0-20-6	99
DADING LOSS	F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEE NO.
BORING LOGS	64	82-2VB-2	ST. CLAIR	153	114E
NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA			CONTRAC	T NO. 7	76867
NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA	• FED. RO	DAD DIST. NO. 8 ILLINOIS FED.	AID PROJECT		