

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -			BOX CULVERT DETAILS		F.A.I.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\duncanbd\dms58037\ep0	1904-sht-boxculvertdetails.DGN	DRAWN -	REVISED -	STATE OF ILLINOIS	& SOIL BORING LOG		-	80	(32,47-4)HBR-2	GRUNDY	143 61
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			-			CONTRAC	CT NO. 66873
	PLOT DATE = 3/15/2013	DATE -	REVISED -		SCALE:	SHEET NO. 4 OF 4 SHEETS STA.	TO STA.		ILLINOIS FED. AI		

## SOIL BORING LOG

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Date 3/4/13

Double 8'x4' Box Culvert on Minooka Rd. East of I-80 in Aux Sable Township

LOGGED BY Larry Myers

## LOCATION \_SE 1/4 of NE 1/4, SEC. 4, TWP. 34N, RNG. 8E, 3<sup>rd</sup> PM

IETHOD			Hol	low Stem Auger	HAMMER TYPE	CME Automatic		
D E P T H	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev Stream Bed Elev Groundwater Elev.: First Encounter Upon Completion After Hrs	ft 536.0_ft ⊻ 536.0_ft ⊻			
	7							
-5	15 14 3	3.0 P	31.3					
	4 4	3.0 P	31.3					
-10	4 3 10	2.0 P	20.7					
	15 35 28	>4.5 P	8.2					
	35 100/2"		10.5					
-15	100/3"		7.1					
-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, form 137 (Rev. 8-99)