DEPARTMENT OF TRANSPORTATION Illinois Department Page <u>1</u> of <u>2</u> SOIL BORING LOG of Transportation n of Highways Date ____2/7/08 FAP 71 (IL 54) DESCRIPTION IL 54 over Salt Creek 3 Miles NE of Farmer City LOGGED BY CNA ROUTE SECTION (121BR)BR LOCATION NW, SEC. 14, TWP. 21N, RNG. 5E, 3rd PM Dewitt DRILLING METHOD COUNTY Hollow Stem Auger HAMMER TYPE Automatic DBUM U м STRUCT. NO. 020-0064 Surface Water Elev. DB 714.0 **ft** L O 0 E P С Stream Bed Elev. 706.0 ft С Station _____ 141+78 F L 0 S S 0 1 ÷ T W S W S BORING NO. 2 SE Abut Groundwater Elev.: ______708.6___ft ¥ H S Qu T H S Qu т Station 140+82 First Encounter Upon Completion Wash Bored ft After Hrs. Plugged ft Offset 16.0 ft Rt ft (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) Ground Surface Elev. 722.6 Black Gray Silty Clay Loam 722.6 Brown Clay Loam Till (continued) (Embankment) 4 4.7 13 700.6 Gray Clay Loam Till to Sandy Clay Loam Till 8 B 3.5 13 31 4 6 B 27 5 6.2 11 -30 10 B 1.0 34 710.6 Dark Gray to Gray Sandy Loam with Gravel (Alluvium) В W 5 4.3 12 10 B 707 1 Gray/Brown Clay Loam Till 3 2.7 18 4 В 704.6 684 F Brown Clay Loam Till Gray Sandy Clay Loam Till 16 5 4.1 15 17 10.9 8 В 8 12 S

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)

	AP 71 (IL 54)	DE	SCR	ΙΡΤΙΟ	N_IL (54 ove	r Salt Creek 3 Miles NE	of Farmer City
SECTION	(121BR)BI	Ŕ	ł	.oca ⁻		NW, S	EC. 14, TWP. 21N, RN	G. 5E, 3 rd PM
COUNTY	Dewitt	DRILLIN	g Me	THO)	Ho	llow Stem Auger	HAMMER T
STRUCT. NO Station	020-0064 141+78		D E P	B L O	U C S	M O I	Surface Water Elev. Stream Bed Elev.	714.0 706.0
BORING NO Station	2 SE Abut 140+82 16.0 ft Rt.		т Н		Qu	S T	Groundwater Elev.: First Encounter Upon Completion	
Ground Surfac Gray Sandy Clay	e Elev. 722.	<u>6</u> ft	(ft)	(/6'')	(tsf)	(%)	After Hrs.	
(continued)								
		070.0						
Gray Poorly Sort Coarse Sand & (ed Angular Gravel (Gravel	679.6		0				
1"+)			-45	1 0				
(8' Auger Blow Ir (Augers Locked I		670.6		22 26 35				
End of Boring		072.0	-50					
			-55					
			-60					

STATE OF ILLINOIS

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)

DESIGNED CHECKED DRAWN CHECKED

CLARK DIETZ, INC.

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ft ft									
ft <u>♥</u> ft ft									
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(Sheet 2 of 2) SOIL BORING LOGS STRUCTURE NO. 020-0064

SHEET NO.22	F.A.P. RTE.	D	SECTION						COUNTY	TOTAL SHEETS	SHEET NO.
	71		(121BR)BR						DEWITT	75	51
22 SHEETS								CONTRACT	NO. 70	429	
	FED. F	ROAD	DIST.	N0.	5	ILLINOIS	FED.	AIC) PROJECT		
									D-95-070	-04 P-95	-035-04

D-95-070-04, P-95-035-04