



# SOIL BORING LOG

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ROUTE 331 DESCRIPTION IL Route 13 over BNSF Railroad near Marathon Drive LOGGED BY KEG  
 SECTION \_\_\_\_\_ LOCATION Marion, SECS. 10SW & 15NW, TWP. 9S, RNG. 2E  
 COUNTY Williamson DRILLING METHOD CME 55LC w/HSA HAMMER TYPE Automatic

STRUCT. NO. Station	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev. _____ ft	Stream Bed Elev. _____ ft	Groundwater Elev.: First Encounter _____ ft	Upon Completion _____ ft	After _____ Hrs.	DEPTH H	BLOW S	UCS Qu	MOIST T	Soil Description	
														(ft)	(/6")
															GRASS, TOPSOIL, & CRUSHED ROCK - 12 inches
					444.97										FILL: Brown, clay, trace to some sand (A-7)
					442.97										FILL: Grayish brown and dark brown, silty clay (A-6)
					440.47										CLAY: Grayish brown and brown, trace to some sand (A-7)
					437.97										SILTY CLAY: Brown (A-6)
					435.47										SILTY CLAY: Brown, trace sand (A-7)
					432.97										CLAY: Brown, trace to some sand (A-7)
															Trace sand
					428.77										CLAYEY SHALE: Brown

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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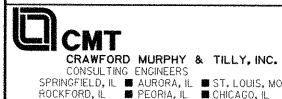
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														(ft)	(/6")
															CLAYEY SHALE: Brown (continued)
					401.97										

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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 =  
 DESIGNED - SF  
 CHECKED - BORING WLB  
 PLOT SCALE =  
 DRAWN - GLD  
 PLOT DATE =  
 CHECKED - SF

DESIGNED - SF  
 REVISIONS  
 REVISIONS  
 REVISIONS  
 REVISIONS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BORING LOGS 1  
 STRUCTURE NO. 100-0095 (W.B.) & 100-0096 (E.B.)

SHEET NO. 30 OF 32 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1) VB-1, B-1, N-4, R-3	WILLIAMSON	367	237
CONTRACT NO. 98859			ILLINOIS FED. AID PROJECT	