

SE 1/4, SE 1/4, SW 1/4, Sec. 7, T25S, R16E Woodson County

## KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	54-Woodson	SOUNDING NO.	CD-1	SHEET 1 of 2
BRIDGE STA.	142+28.79: $\pm$	PROJ. NO.	KA-2112-01	BRIDGE NO. 54-104-15.45(029)
SITE NAME	US-54 over Union Pacific RR		HOLE STA. 141+43, 172.0' Lt of CL	
GEOLOGIST	R. Ryan, P.G.	SCALE	1 inch = 7.5 feet	DATE
DRILLER	J. Burns	RIG TYPE	OME 55	TOP HOLE ELEV.
GW ELEV.	N/A	TOTAL DEPTH	42.4	M/B ELEV.
				992.25

$N = 37.87952$   
 $E = -95.69356$

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION		
8" Hollowstem Augers	Mantle			1002.3	SILTY CLAY, grayish brown or olive brown						
				1000							
NQ2 Diamond	Weston Shale Member		1	10.0	992.3	CLAYEY SHALE, weathered, grayish brown to olive brown, soft				991.75	
			2				2.3	104000		986.35	
							2.1	94000		984.95	
			3	17.3	985.0	CLAYEY SHALE, platy, grayish brown to gray, firmer to brittle, blocky					
							9.4	929000		980.55	
							38.2	2690000		978.45	
							1.9	107000		975.15	
							2.5	140000		971.05	
							51	4570000		968.15	
							15.4	2170000		961.95	
			42.4	959.85	T.D. = 42.4						

BOREHOLE REPORT - KANSAS DOT.GDT - 4/24/13 14:58 - F:\DENNY\SURFACE\54-104 KA-2112-01\54104KA211201.GPJ