

NE 1/4, NW 1/4, Sec. 18, T25S, R16E

Woodson County

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	54-Woodson	SOUNDING NO.	CD-2	SHEET 1 of 2
BRIDGE STA.	142+28.79: 6	PROJ. NO.	KA-2112-01	BRIDGE NO. 54-104-15.45(029)
SITE NAME	US-54 over Union Pacific RR		HOLE STA. 143+35, 158.0' Rt of CL	
GEOLOGIST	R. Ryan, P.G.	SCALE	1 inch = 7.5 feet	DATE December 6, 2012
DRILLER	J. Burns	RIG TYPE	CME 55	TOP HOLE ELEV. 1002.76
GW ELEV.	N/A	TOTAL DEPTH	37.4	WB ELEV. 993.36

$N = 37.87870$

$E = -95.69298$

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		1000	1002.8	CLAY, compacted						
			5.0	997.8	GRAVELLY CLAY, pea gravel						
			7.7	995.1	CLAY, stiff						
	NQ2 Diamond	Weston Shale Member		2	993.4	CLAYEY SHALE, weathered, olive brown to brown, soft	6.3	495000		992.16	
				3	990		6.6	522000		990.16	
				4			2.8	129000		987.76	
				5	985	985.5	SHALE, platy, olive brown to gray, firmer to firm	3.1	198000		985.36
				6	980		1.9	79400		983.36	
				7	975		11.6	1350000		981.06	
				8	970		7.1	391000		977.86	
9						6.9	437000		972.76		
13						13	1220000		969.26		
19			19	1710000		965.86					
			37.4	965.36	T.D. = 37.4						

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