

# KANSAS DEPARTMENT OF TRANSPORTATION



KID: 1653092528



RTE./CO.	K-14 / Reno	SOUNDING NO.	CH 01	SHEET 1 of 2
		PROJ. NO.	14-78 KA-1007-02	BRIDGE NO. 14-78 33.96 (152)
SITE NAME	Bull Creek Drainage <i>Pier 1</i>			HOLE STA. 499+94, 57.0' Lt CL
GEOLOGIST	J. Barker, G.A.	SCALE	1 inch = 19.2 feet	DATE July 28, 2014
DRILLER	R. Hinderliter	RIG TYPE	CME 75	TOP HOLE ELEV. 1592.5
GW ELEV.	1587.5	TOTAL DEPTH	113.8	M/B ELEV. 1508.7

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
			1590	1592.5	Sand, medium to coarse with intermittent gravel layers				
			1585						
			1580						
			1575						
			1570						
			1565						
			1560						
			1555						
			1550						
			1545						
			1540						
			1535						
			1530						
			1525						
			1520						
			1515	1514.0	Shale, brick red with olive green mottling, limy zones				
			1510						
		1	1505			3.7	489000		1506.7
		2	1500			5.5	800000		1503.7
		3	1495			19.3	4740000		1501.6
		4	1490			17.8	3650000		1498.7
		5	1485			35.0	7500000		1496.0
		6	1480			22.0	3220000		1493.5
		7	1480			46.0	7660000		1491.8
						17.4	2900000		1490.25
					5.5	760000		1488.3	
					9.9	1450000		1487.05	
					23.0	1.04E+07		1484.05	
					32.0	1.59E+07		1480.9	
					56.0	2.57E+07		1479.2	

BOREHOLE REPORT - KANSAS DOT.GDT - 1/12/15 09:08 - C:\BARKER\KA-1007-02\14-78-33.96 (152)\BR. 14-78 33.96 (152).GPJ

Flush Joint Casing

NQ2 Diamond

1478.7

T D = 113.8



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