

NW 1/4, NE 1/4, Sec. 29, T80S, R25E Crawford County

1053439106

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	K-126 / Crawford	SOUNDING NO.	CH-2	SHEET	1 of 3
		PROJ. NO.	126-19 KA-3103-01	BRIDGE NO.	126-19-22.57 (115)
SITE NAME	K-126 Over KCS Railroad in Pittsburg, Kansas			HOLE STA.	26+30, 73.0' Rt BL
GEOLOGIST	T. LeSage, G.T.	SCALE	1 inch = 5.0 feet	DATE	February 11, 2015
DRILLER	J. Burns	RIG TYPE	CME 55	TOP HOLE ELEV.	925.2
GW ELEV.	915.0	TOTAL DEPTH	52.0	M/B ELEV.	912.4
GPS COORDINATES 37.410884, -94.695778					

BOREHOLE REPORT - KANSAS DOT.GDT - 4/7/16 15:24 - C:\TYSON\BRIDGES\CRAWFORD COUNTY\KA-3103-01 (CRAWFORD COUNTY, IN PITTSBURG)\KA-3103-01.GPJ

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" Hollow Stem Augers	Mantle		3.0	925.2	Silty Clay, dark brown				
				922.2	Clay, yellow-brown, moderately stiff				
NQ2 Diamond	Krebs Formation		12.8	915	Shale, very weathered, yellow-brown to red, grades to an olive-brown in lower part of zone, thin layers of reddish brown siltstone				
			1	912.4					
			18.4	910	Shale, weathered, clayey, olive to brown, high swelling				
			19.9	906.8					
			20.4	905.3	Sandstone, shaley, gray to yellow-brown				
			21.2	904.8	Shale, clayey, yellow-brown to olive-gray, high swelling				
			22.0	904.0	Sandstone, shaley, dirty	1.6	111000	903.7	
4	903.2	Shale, soft to medium-soft, dark blue-gray, clayey, grades to more fissile and firmer shale in bottom 0.4'							
5	900								
			29.0	896.2	Coal, black				



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	Krebs Formation		29.3	895	895.9	Shale, gray, firm	3.9	201000	894.3	
			32.4		892.8	Shale, sandy, gray, hard	26.0	2320000	891.1	
			34.5	890	890.7	Shale, clayey, blue-gray, soft				
			35.8		889.4	Shale, black, laminated, hard, carbonaceous, breaks easily along laminations				
			40.4	885	884.8	Coal, black, pyritic	10.8	1230000	885.2	
			41.2		884.0	Shale, sandy, gray, firm, gradational lower contact	14.2	1630000	882.4	
			45.5	880	879.7	Sandstone, shaley, gray, laminated, fine-grained	63.0	8540000	878.2	
				875						
					52.0	873.2	T.D. = 52.0	219.0	7.21E+07	873.2
							<p style="font-size: 1.2em; margin: 0;">Box 1: 17 - 32.4</p> <p style="font-size: 1.2em; margin: 0;">Box 2: 22.6 ~ 27.5</p> <p style="font-size: 1.2em; margin: 0;">Box 3: 32.4 - 43.4</p> <p style="font-size: 1.2em; margin: 0;">Box 4: 43.4 - 52</p>			

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