



10-23 K-8392-04 Relocated Haskell over North Canal

Br. No. 10-23-10.70 (172)

Douglas Co.

CD 01

N: 38.925854 E: -95.220434 (Approx.)

SE ¼, NW ¼, NW ¼, S17, T13S, R20E

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	K-10-Douglas	SOUNDING NO.	CD 1	SHEET 1 of 4
BRIDGE STA.	47+41	PROJ. NO.	10-23 K-8392-04	BRIDGE NO. 10-23-10.70(172)
SITE NAME	Relocated Haskell Ave. over N. Canal			HOLE STA. 46+80, 35.0' Lt CL
GEOLOGIST	R. Crow, P.G.	SCALE	1 inch = 5.0 feet	DATE March 1, 2011
DRILLER	R. Vervynck	RIG TYPE	CME 55	TOP HOLE ELEV. 823.84
GW ELEV.	N/A	TOTAL DEPTH	93.1	M/B ELEV. 763.34

BOREHOLE REPORT - KANSAS.DOT.GDT - 9/8/11 15:16 - C:\USERS\GALENN\DESKTOP\SI.T.10-23 K-8392-04\46+80.35' LT. J2.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
		Soil Mantle		823.8	Silty clay/fill material, gravel, boulder				
			6.7	817.1	Silty clay, black, dark gray, gray, moist to wet				



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SITE NAME	Relocated Haskell Ave. over N. Canal		HOLE STA.
			46+80, 35.0' Lt CL

BOREHOLE REPORT - KANSAS DOT.GDT - 9/8/11 15:16 - C:\USERS\GALENN\DESKTOP\SLI 10-23 K-8392-04\46+80.35' LT .J2.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
NQ2 Diamond	Lawrence Formation	Soil Mantle	60.5	763.3	Sandstone, gray, micaceous, occasional light and dark gray varves, carboniferous	157	7.27E+07		761.54
			55.5	768.3	Silty clay with gravel				
				770					
				775					
				780					
				785					
				790					
					Silty clay, black, dark gray, gray, moist to wet				



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	K-10-Douglas	SOUNDING NO.	CD 1	SHEET 3 of 4
BRIDGE STA.	47+41	PROJ. NO.	10-23 K-8392-04	BRIDGE NO. 10-23-10.70(172)
SITE NAME	Relocated Haskell Ave. over N. Canal			HOLE STA. 46+80, 35.0' Lt CL

BOREHOLE REPORT - KANSAS DOT.GDT - 9/8/11 15:16 - C:\USERS\GALLENWIDESTOP\SLT_10-23 K-8392-04\46+80_35' LT_12.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
		2			Sandstone, gray, micaceous, occasional light and dark gray varves, carboniferous				
		3	755			166	5.2E+07		754.44
		4	750			147	5.7E+07		749.44
		5	745			90.5	5.12E+07		745.04
		6	740			70	1.19E+07		736.04
		7	735			174	7.85E+07		734.14
			93.1	730.74		T.D. = 93.1			

NQ2 Diamond

Lawrence Formation