



192-44K-0024 K 192 over Indian Creek
 Bridge No. 192-44-5.43(031)
 Jefferson County
 CD 01
 N:39.324915 E:-95.216024
 SW ¼, SW ¼, NW ¼ Section 29, T08S, R20E

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	192-Jefferson	SOUNDING NO.	CD1	SHEET 1 of 3	
		PROJ. NO.	KA-0024-01	BRIDGE NO.	
SITE NAME	K-192 over Indian Creek			HOLE STA.	31+15, 55.0' Lt
GEOLOGIST	J. Garven	SCALE	1 inch = 5.0 feet	DATE	May 26, 2010
DRILLER	R. Vervynck	RIG TYPE	CME 55	TOP HOLE ELEV.	1038.9
GW ELEV.	1023.4	TOTAL DEPTH	53.6	M/B ELEV.	1017.4

	Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
BOREHOLE REPORT - KANSAS DOT.GDT - 11/11/10 12:42 - C:\DOCUMENTS AND SETTINGS\GALEN\DESKTOP\FLASHDRIVE FILES\KA-0024-192 OVER INDIAN CK.GPJ	8" Hollow Augers	Mantle			1038.9	Dark brown silty clay, some roots, small limestone nodules towards top.				
					1035		1.04	70200	1032.9	
					1030		0.72	44700	1027.9	
					1025		0.685	28600	1022.9	
				18.0	1020.9		Sandy silt, brownish gray			
				20.0	1018.9		clay nodules in sandy gravel	0.462	2920	1017.9
	1017.4	Weathered shale, gray, large limestone nodules towards bottom, most was washed out of core barrel								
24.0	1015	Gray to dark gray shale in lower half, sand stone lens near bottom	2.855	228000	1013.6					
	1010									



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	192-Jefferson	SOUNDING NO.	CD1
		PROJ. NO.	KA-0024-01
SHEET 2 of 3		BRIDGE NO.	
SITE NAME		K-192 over Indian Creek	
		HOLE STA.	31+15, 55.0' Lt

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Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
Diamond		C2		1005	Gray to dark gray shale in lower half, sand stone lens near bottom	0.51	81500		1007.0
		C3				11.5	2000000		1002.8
		C4	38.4 38.5	1000.5 1000.4	Sand Stone lens, tan dark gray, shale	86.5	4550000		999.3
		C5	45.1 45.9 46.4 46.8	993.8 993.0 992.5 992.1	Shaly limestone, fossiliferous Shale, clayey, gray Black, limy shale, fossiliferous Limestone, fossiliferous, fusulinids	311	2.23E+08		991.1
		C6	49.5 50.4 51.0	989.4 988.5 987.9	Black, limy shale, some fossils Siltstone, tan, limy Green, siltstone	68	2.53E+07		988.5
			52.2 53.1	986.7 985.3	Tan and green striped, siltstone T.D. = 53.6	87 209	2.51E+07 1.21E+08		987.0 985.8



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	192-Jefferson	SOUNDING NO.	CD1	SHEET 3 of 3	
		PROJ. NO.	KA-0024-01	BRIDGE NO.	
SITE NAME	K-192 over Indian Creek			HOLE STA.	31+15, 55.0' Lt

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