

NE 1/4, SE 1/4, Sec. 4, T85S, R25E

Cherokee County

1053433508

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	US-166 / Cherokee	SOUNDING NO.	CH-1	SHEET 1 of 2		
		PROJ. NO.	166-11 KA-1005-02	BRIDGE NO.	(128) & (129)	
SITE NAME				NB & SB US-166 over Spring River Drainage-East	HOLE STA.	859+11 CL
GEOLOGIST		T. LeSage, G.T.	SCALE 1 inch = 5.0 feet		DATE	October 6, 2015
DRILLER		J. Burns	RIG TYPE	CME 55	TOP HOLE ELEV.	890.59
GW ELEV.		880.6	TOTAL DEPTH	12.5	M/B ELEV.	877.8
GPS COORDINATES 37.020973, -94.668437						

Lease: 166-11 KA-1005-02 (NB+SB US-166 over Spring Riv

BOREHOLE REPORT - KANSAS DOT GDT - 4/7/16 14-28 - CITYSONBRIDGES/CHEROKEE COUNTY/KA-1005-02 (US-166 X 11 BRIDGES)/(128) & (129)/GINT/(128) & (129).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 Augers	Diamond		8.7	881.9	Silty clay, moist with coarse chert sand and chert gravel				
			10.8	879.8	Cherty limestone, very hard, limestone is lt. blue gray, chert is mottled bluish gray to milky white	378.0	1.98E+08		878.89
			12.5	878.09	T.D. = 12.5				

Box 1/1: 11-12.5'



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