

24-105 K-8248-01

K-7 over US-24

Wyandotte County

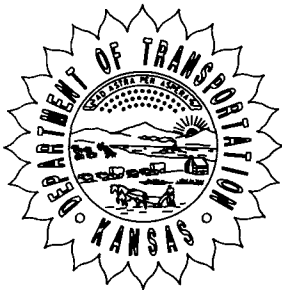
CD 01

N: 39.115985 E: -94.984901 (Approximate)

SW ¼, SE ¼, SE ¼, Sect 6, T11S, R23E

4/4/2005

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO. 7-105	SOUNDING NO. CD*1	SHEET 1 OF 1
BRIDGE STA. 52+551.269	PROJ. NO. 24-105 K-8248-01	BRIDGE NO. 7-105-4.32(320)
SITE NAME NB K-7 over US-24 Highway		HOLE 52+482.7, 24.8 m Rt STA. ⊕ K-7
GEOLOGIST ROCKY CROW	SCALE 1:100 (10mm=1m)	DATE April 4 2005
DRILLER ROB VERVYNCK	RIG TYPE CME-55	TOP HOLE ELEV. 288.094
GW ELEV. H dry	TOTAL DEPTH 13.045	M/B ELEV. 287.332

BIT TYPE	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION kPa	STANDARD PENETRATION TEST (SPT)	
							N COUNT	ELEVATION
			0.0		THE-288.094			
Adgers	Mantle		0.76	288	Silty clay, sandy, reddish tan 287.33			
	Tono		1.37	287	Sandstone, weathered TONGANOXIE SANDSTONE MEMBER 286.72			
	SBend		2.29	286	Limestone, hard, gray, iron-stained, broken, jointed 285.808 SOUTH BEND LIMESTONE MEMBER	17300		286.054
Diamond	Rock Lake Shale		2	285	Shale, tan-gray, limy degrades rapidly ROCK LAKE SHALE MEMBER	1120		284.624
			3	284				283.764
			5.12	283			282.973	53200
	Stoner Limestone		4	282	Limestone, hard, gray wavy-bedded, fossiliferous, iron-stained STONER LIMESTONE MEMBER	17600		281.664
			5	281				
			6	280			279.224	6820
	Eudora Shale		7	279	Shale, dark gray, becoming black, then becoming dark gray laminar EUDORA SHALE MEMBER	8860		278.314
			10.52	278			277.578	4420
	Captain Ck. Ls.		8	277	Limestone, fine, hard gray CAPTAIN CREEK LIMESTONE MEMBER 276.512	28600		276.574
			11.58	276			Vilas Shale FORMATION	2280
	Vilos Shale			13.04	275	275.049		
								*Sample damaged unable to test