

59-23 K-7888-01 650N road over US-59

Bridge No. 59-23-6.53(115)

Douglas County

CD 01

N:38.833239 E:-95.269009

14, T14S, R19E

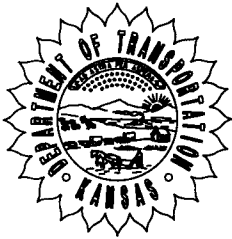
NW ¼, NE ¼, SE ¼ Section 34, T02S, R19E



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	59-23	SOUNDING NO.	CD *1
BRIDGE STA.	444+78.65	PROJ.NO.	K-7888-01
SITE NAME	650 North Road over US-59		HOLE STA. 49+97.7, 31' Lt

BIT TYPE	GEOLOGIC FORMATION GEOLOGIC MEMBER	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (tsf)	ELASTIC MODULUS (tsf)	ELEVATION		
	Oread Limestone Formation	Plattsmouth Limestone Mbr.	7	1083	Limestone, hard, gray, fossiliferous, middle portion shaley.	3.47	1640	1083		
			33.10	1081	1073.24				1081	
			8	1079	1079	Limestone, hard, gray, fossiliferous.	4.31	91000	1079	
				36.70	1077	1076.64				1077
			Heebner Shale Mbr.	1075	1075	Shale, gray, clayey.			1075	
				38.10	1075	1070.24	Shale, black, fissile, hard, laminated.			1075
				9	1073	1073		161	10650	1073
					43.10	1071	1070.24			
			Snyderville Shale Mbr.	1069	1069	1069.59 Shale, black.	153	9000	1069.74	
				43.75	1069	1067.89	Limestone, hard, gray, granular, grades to shale.			1069
				45.15	1067	1067.64	Shale, gray-green.	6.63	570	1067.64
			Toronto Limestone Mbr.	1067	1067	Shale, gray.			1067	
				45.70	1065	1065.24	Shale, gray, limy, 45 degree shear planes.	16.1	2045	1065.24
				48.10	1065	1063				1065
	53.00	1061		1060.34		9.89	390	1060.64		
	Oread Limestone Formation	Toronto Limestone Mbr.	1059	1059	Limestone, white/gray, fine.			1059		
			13	1057	1057		254	62500	1057.74	
			58.00	1055	1055.34	Limestone, white/gray, fine.			1055	
			61.10	1053	1052.24				1053	
			1051	1051	Shale, blue/green/gray, clayey.			1051		



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