

**SOIL AND ROCK TEST RESULTS**

PROJECT: 33337.1.1 B-3901

COUNTY: Rockingham

SITE DESCRIPTION: Bridge 181 on SR 1501 over Matrimony Creek

SHEET 15 OF 18

**SOIL SAMPLE DATA**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES		
								C. SAND	F. SAND	SILT	CLAY	10	40	200
SS-7	13.0 RT	22+72.5 (EB1-B)	3.9-4.9	A-7-5(2)	3	43	12	22.6	42.3	8.6	26.4	100	90	41
SS-8			8.9-9.9	A-2-4(0)	11	30	7	24.4	43.1	12.1	20.3	88	78	33
SS-9			13.9-14.9	A-2-4(0)	5	25	NP	29.1	57.6	7.2	6.1	93	86	17
SS-3	7.0 RT	23+15 (B1-B)	7.2-8.2	A-2-4(0)	100	28	NP	23.6	56.2	16.2	4.1	100	89	30
S-1	15.0 RT	23+72 (B2-B)	0.0-5.0	A-3(0)		22	NP	48.8	46.7	0.4	4.1	100	88	7
SS-2			5-6.45	A-1-b(0)	100	27	NP	37.7	42	13.1	7.1	62	47	16
SS-4	14.3 LT	24+01 (EB2-A)	3.9-4.9	A-7-6(5)	4	41	19	23.8	35.2	8.4	32.6	100	91	46
SS-5			8.9-9.9	A-6(2)	10	36	13	19.3	40.3	9.9	30.5	93	86	44
SS-6			13.9-14.9	A-2-4(0)	100	32	NP	19.7	56.5	18.7	5.1	100	91	34

**ROCK SAMPLE DATA**

SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD %	UNIT WT	Q(MPa) (MPsi)	E(Mpa) (MPsi)
RS-1	7.0 RT	23+15 (B1-B)	20.05-20.65	62%		CURRENTLY BEING TESTED	
RS-2	20.5 LT	23+57.5 (B2-A)	25.5-26.15	73%		CURRENTLY BEING TESTED	
RS-3	15.0 RT	23+72 (B2-B)	20.4-21.1	79%		CURRENTLY BEING TESTED	