

TEST RESULTS

PROJECT: 34517.1.1 R-2911A (METRIC)

COUNTY: IREDELL

SITE DESCRIPTION: DUAL STRUCTURES OVER SR 2527 ON US 70 AT STATION 41+59.472 -L-

SOIL SAMPLE RESULTS														ROCK SAMPLE RESULTS													
SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	AASHTO CLASS	N	L.L.	P.I.	% BY WEIGHT				% PASSING SIEVES			%	%	UNIT WT. (d)	VOID RATIO	SAMPLE NO.	OFFSET	STATION	DEPTH INTERVAL	RQD	UNIT WT	Q(MPa) (MPsi)	E(MPa) (MPsi)	
								C. SAND	F. SAND	SILT	CLAY	10	40	200													MOISTURE
				<b>EB1-B(LT.LN)</b>																							
SS-1	4.50 LT.	41+38.000	1.86-2.16	A-5(1)	5	45	NP	12.2	38.1	25.4	24.3	100	97	57													
SS-2			6.42-6.72	A-5(0)	3	47	NP	16.2	40.8	28.8	14.2	100	95	52													
SS-3			7.94-8.24	A-5(0)	3	48	NP	33.7	34.1	22.1	10.1	100	76	40													
SS-4			10.96-11.26	A-2-5(0)	8	42	NP	29.6	44.6	15.6	10.1	100	85	33													
SS-5			13.73-14.03	A-2-4(0)	30	28	NP	33.7	46.5	11.8	8.1	100	84	27													
				<b>EB1-A(RT.LN)</b>																							
SS-6	4.10 RT.	41+37.500	1.70-2.00	A-7-5(16)	5	55	22	8.9	28.4	22.1	40.6	100	97	69													
SS-7			3.22-3.52	A-5(1)	4	52	NP	13.4	41.8	26.6	18.3	100	99	54													
SS-8			7.78-8.08	A-5(1)	4	48	NP	13.6	41.4	28.5	16.2	100	96	54													
SS-9			10.82-11.12	A-4(0)	7	39	NP	27.6	41.4	18.9	12.2	100	83	40													
				<b>EB1-B(RT.LN)</b>																							
ST-3	15.90 RT.	41+38.000	2.58-3.18	Results pending																							
ST-4			3.18-3.78	A-5(0)	4	47	NP	17.5	44.8	29.6	8.1	100	96	47	30.7												
				<b>EB2-A(LT.LN)</b>																							
SS-10	15.10 LT.	41+77.000	2.00-2.30	A-7-6(16)	12	46	24	9.7	23.9	17.6	48.7	100	97	70	31.2												
ST-1			2.51-3.11	A-7-5(25)	5	61	28	5.3	20.8	27.5	46.5	100	99	80	38												
ST-2			3.11-3.71	A-7-5(11)	5	52	13	6.6	32.3	36.2	24.8	100	99	70													
SS-11			3.52-3.82	A-5(10)	5	50	10	6.5	27	30	36.5	100	99	75													
SS-12			6.56-6.86	A-5(1)	2	46	NP	9.9	37.3	32.5	20.3	100	98	61													
SS-13			14.16-14.46	A-5(0)	5	45	NP	22.7	39.4	23.7	14.2	100	86	48													
SS-14			19.95-20.25	A-2-4(0)	70	25	NP	36.5	42.2	13.2	8.1	100	78	28													
				<b>EB2-A(RT.LN)</b>																							
SS-15	4.40 RT.	41+77.000	1.02-1.12	A-4(0)	7	33	NP	12.6	54.4	12.8	20.3	100	99	43													
SS-16			3.34-3.64	A-2-4(0)	6	33	NP	17.2	57.6	13	12.2	100	97	33													
SS-17			7.90-8.20	A-2-4(0)	47	29	NP	25.4	53.5	13	8.1	100	91	30													
				<b>EB2-B(RT.LN)</b>																							
SS-18	15.40 RT.	41+79.500	3.36-3.66	A-2-4(0)	7	35	NP	25.2	51.5	13.2	10.1	100	92	31													