

	LINK	18 Hr Flow (Q)	18 Hr BNL (dB(A))	Speed(V) (km/h)	% HGV (p)	Speed & HGV Correction (dB(A))	Distance (d) (m)	d'	Distance Correction *	/	Soft Ground Correction *	Angle of View	Correction for Angle of View	18 Hr PNL (dB(A))	
2008 with development															
1	J	37222	74.808	64.0	4.20	0.033	270	273.501	-13.066	0.50	-4.638	7	-14.102	43.035	
	M	15457	70.991	64.0	6.80	0.651	110	113.502	-9.247	0.95	-6.925	95	-2.775	52.695	
	I	29166	73.749	64.0	3.60	-0.123	282	285.501	-13.253	0.95	-8.904	9	-13.010	38.458	
	TOTAL													53.3	
2	J	37222	74.808	64.0	4.20	0.033	260	263.501	-12.904	0.50	-4.596	7	-14.102	43.239	
	M	15457	70.991	64.0	6.80	0.651	120	123.502	-9.613	0.95	-7.106	95	-2.775	52.147	
	I	29166	73.749	64.0	3.60	-0.123	276	279.501	-13.160	0.95	-8.858	9	-13.010	38.596	
	TOTAL													52.8	
3	J	37222	74.808	64.0	4.20	0.033	244	247.501	-12.632	0.50	-4.525	7	-14.102	43.581	
	M	15457	70.991	64.0	6.80	0.651	108	111.502	-9.169	0.95	-6.887	100	-2.553	53.033	
	I	29166	73.749	64.0	3.60	-0.123	268	271.501	-13.034	0.95	-8.796	9	-13.010	38.785	
	TOTAL													53.6	
4	J	37222	74.808	64.0	4.20	0.033	240	243.501	-12.562	0.50	-4.507	7	-14.102	43.671	
	M	15457	70.991	64.0	6.80	0.651	106	109.502	-9.091	0.95	-6.848	110	-2.139	53.564	
	I	29166	73.749	64.0	3.60	-0.123	262	265.501	-12.937	0.95	-8.748	9	-13.010	38.930	
	TOTAL													54.1	
5	J	37222	74.808	64.0	4.20	0.033	234	237.501	-12.453	0.50	-4.478	7	-14.102	43.807	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	115	-1.946	53.877	
	I	29166	73.749	64.0	3.60	-0.123	256	259.501	-12.838	0.95	-8.699	9	-13.010	39.078	
	TOTAL													54.4	
6	J	37222	74.808	64.0	4.20	0.033	230	233.501	-12.380	0.50	-4.459	18	-10.000	48.002	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	117	-1.871	53.952	
	I	29166	73.749	64.0	3.60	-0.123	250	253.501	-12.736	0.95	-8.649	9	-13.010	39.230	
	TOTAL													55.1	
7	J	37222	74.808	64.0	4.20	0.033	226	229.501	-12.305	0.50	-4.440	18	-10.000	48.096	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	117	-1.871	53.952	
	I	29166	73.749	64.0	3.60	-0.123	240	243.501	-12.562	0.95	-8.562	10	-12.553	39.948	
	TOTAL													57.6	
8	J	37222	74.808	64.0	4.20	0.033	216	219.501	-12.111	0.50	-4.389	19	-9.765	48.575	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	120	-1.761	54.062	
	I	29166	73.749	64.0	3.60	-0.123	234	237.501	-12.453	0.95	-8.509	10	-12.553	40.110	
	TOTAL													55.3	
9	J	37222	74.808	64.0	4.20	0.033	212	215.501	-12.031	0.50	-4.369	15	-10.792	47.649	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	120	-1.761	54.062	
	I	29166	73.749	64.0	3.60	-0.123	224	227.501	-12.266	0.95	-8.417	10	-12.553	40.389	
	TOTAL													55.1	
10	J	37222	74.808	64.0	4.20	0.033	208	211.501	-11.950	0.50	-4.347	16	-10.512	48.032	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	128	-1.481	54.342	
	I	29166	73.749	64.0	3.60	-0.123	216	219.501	-12.111	0.95	-8.340	12	-11.761	41.414	
	TOTAL													55.4	
11	J	37222	74.808	64.0	4.20	0.033	250	253.501	-12.736	0.50	-4.552	13	-11.413	46.139	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	120	-1.761	54.062	
	I	29166	73.749	64.0	3.60	-0.123	214	217.501	-12.071	0.95	-8.320	12	-11.761	41.473	
	TOTAL													54.9	
12	J	37222	74.808	64.0	4.20	0.033	218	221.501	-12.150	0.50	-4.400	13	-11.413	46.877	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	116	-1.908	53.915	
	I	29166	73.749	64.0	3.60	-0.123	210	213.501	-11.991	0.95	-8.280	14	-11.091	42.263	
	TOTAL													54.9	
13	J	37222	74.808	64.0	4.20	0.033	198	201.501	-11.739	0.50	-4.293	10	-12.553	46.256	
	M	15457	70.991	64.0	6.80	0.651	106	109.502	-9.091	0.95	-6.848	118	-1.834	53.869	
	I	29166	73.749	64.0	3.60	-0.123	202	205.501	-11.825	0.95	-8.198	15	-10.792	42.810	
	TOTAL													54.8	
14	J	37222	74.808	64.0	4.20	0.033	188	191.501	-11.518	0.50	-4.235	21	-9.331	49.756	
	M	15457	70.991	64.0	6.80	0.651	102	105.502	-8.929	0.95	-6.768	120	-1.761	54.184	
	I	29166	73.749	64.0	3.60	-0.123	190	193.501	-11.564	0.95	-8.069	14	-11.091	42.901	
	TOTAL													55.8	
15	J	37222	74.808	64.0	4.20	0.033	180	183.501	-11.333	0.50	-4.187	22	-9.128	50.192	
	M	15457	70.991	64.0	6.80	0.651	104	107.502	-9.011	0.95	-6.808	120	-1.761	54.062	
	I	29166	73.749	64.0	3.60	-0.123	182	185.501	-11.380	0.95	-7.979	17	-10.248	44.018	
	TOTAL													55.8	
16	J	37222	74.808	64.0	4.20	0.033	180	183.501	-11.333	0.00	0.000	5.000	23	-8.935	49.572
	M	15457	70.991	64.0	6.80	0.651	102	105.502	-8.929	0.95	-6.768	118	-1.834	54.111	
	I	29166	73.749	64.0	3.60	-0.123	176	179.501	-11.237	0.95	-7.908	17	-10.248	44.232	
	TOTAL													55.7	
17	J	37222	74.808	64.0	4.20	0.033	163	166.501	-10.911	0.00	0.000	5.000	23	-8.935	49.994
	M	15457	70.991	64.0	6.80	0.651	105	108.502	-9.051	0.95	-6.828	118	-1.834	53.929	
	I	29166	73.749	64.0	3.60	-0.123	160	163.501	-10.832	0.95	-7.708	17	-10.248	44.837	
	TOTAL													55.8	
18	J	37222	74.808	64.0	4.20	0.033	264	267.501	-12.970	0.00	0.000	5.000	25	-8.573	48.297
	M	15457	70.991	64.0	6.80	0.651	165	168.501	-10.963	0.90	-7.363	3	-17.782	35.534	
	I	29166	73.749	64.0	3.60	-0.123	266	269.501	-13.002	0.95	-8.780	1	-22.553	29.290	
	TOTAL													48.6	
19	J	37222	74.808	64.0	4.20	0.033	294	297.501	-13.432	0.00	0.000	5.000	29	-7.929	48.480
	M	15457	70.991	64.0	6.80	0.651	156	159.502	-10.724	0.90	-7.252	6	-14.771	38.894	
	I	29166	73.749	64.0	3.60	-0.123	256	259.501	-12.838	0.95	-8.699	1	-22.553	29.536	
	TOTAL													49.0	
20	J	37222	74.808	64.0	4.20	0.033	254	257.501	-12.804	0.50	0.000	5.000	31	-7.639	49.397
	M	15457	70.991	64.0	6.80	0.651	155	158.502	-10.697	0.90	-7.239	1	-22.553	31.153	
	I	29166	73.749	64.0	3.60	-0.123	256	259.501	-12.838	0.95	-8.699	1	-22.553	29.536	
	TOTAL													49.5	
21	J	37222	74.808	64.0	4.20	0.033	250	253.501	-12.736	0.50	0.000	5.000	31	-7.639	49.465
	M	15457	70.991	64.0	6.80	0.651	155	158.502	-10.697	0.90	-7.239	1	-22.553	31.153	
	I	29166	73.749	64.0	3.60	-0.123	248	251.501	-12.702	0.95	-8.632	1	-22.553	29.739	
	TOTAL													49.6	
22	J	37222	74.808	64.0	4.20	0.033	246	249.501	-12.667	0.50	0.000	5.000	31	-7.639	49.534
	M	15457	70.9												

		LNK	18 Hr Flow (Q)	18 Hr BNL (dB(A))	Speed(V) (km/h)	% HGV (p)	Speed & HGV Correction (dB(A))	Distance (d) (m)	d'	Distance Correction '	/	Soft Ground Correction '	Angle of View	Correction for Angle of View	18 Hr PNL (dB(A))
Larratt Road															
2008 with development															
1	J	41928	75.325	64.0	4.20	0.033	270	273.501	-13.066	0.50	-4.638		7	-14.102	43.552
	M	27317	73.464	64.0	3.70	-0.097	110	113.502	-9.247	0.95	-6.925		95	-2.775	54.420
	I	28525	73.652	64.0	5.30	0.305	282	285.501	-13.253	0.95	-8.904		9	-13.010	38.790
	TOTAL														54.9
2	J	41928	75.325	64.0	4.20	0.033	260	263.501	-12.904	0.50	-4.596		7	-14.102	43.756
	M	27317	73.464	64.0	3.70	-0.097	120	123.502	-9.613	0.95	-7.106		95	-2.775	53.872
	I	28525	73.652	64.0	5.30	0.305	276	279.501	-13.160	0.95	-8.858		9	-13.010	38.928
	TOTAL														54.4
3	J	41928	75.325	64.0	4.20	0.033	244	247.501	-12.632	0.50	-4.525		7	-14.102	44.098
	M	27317	73.464	64.0	3.70	-0.097	108	111.502	-9.169	0.95	-6.887		100	-2.553	54.758
	I	28525	73.652	64.0	5.30	0.305	268	271.501	-13.034	0.95	-8.796		9	-13.010	39.116
	TOTAL														55.2
4	J	41928	75.325	64.0	4.20	0.033	240	243.501	-12.562	0.50	-4.507		7	-14.102	44.188
	M	27317	73.464	64.0	3.70	-0.097	106	109.502	-9.091	0.95	-6.848		110	-2.139	55.290
	I	28525	73.652	64.0	5.30	0.305	262	265.501	-12.937	0.95	-8.748		9	-13.010	39.261
	TOTAL														55.7
5	J	41928	75.325	64.0	4.20	0.033	234	237.501	-12.453	0.50	-4.478		7	-14.102	44.324
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		115	-1.946	55.602
	I	28525	73.652	64.0	5.30	0.305	256	259.501	-12.838	0.95	-8.699		9	-13.010	39.410
	TOTAL														56.0
6	J	41928	75.325	64.0	4.20	0.033	230	233.501	-12.380	0.50	-4.459		18	-10.000	48.519
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		117	-1.871	55.677
	I	28525	73.652	64.0	5.30	0.305	250	253.501	-12.736	0.95	-8.649		9	-13.010	39.562
	TOTAL														56.5
7	J	41928	75.325	64.0	4.20	0.033	226	229.501	-12.305	0.50	-4.440		18	-10.000	48.613
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		117	-1.871	55.677
	I	28525	73.652	64.0	5.30	0.305	240	243.501	-12.562	0.95	-8.562		10	-12.553	40.280
	TOTAL														56.6
8	J	41928	75.325	64.0	4.20	0.033	216	219.501	-12.111	0.50	-4.389		19	-9.765	49.092
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		120	-1.761	55.787
	I	28525	73.652	64.0	5.30	0.305	234	237.501	-12.453	0.95	-8.509		10	-12.553	40.442
	TOTAL														56.7
9	J	41928	75.325	64.0	4.20	0.033	212	215.501	-12.031	0.50	-4.369		15	-10.792	48.166
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		120	-1.761	55.787
	I	28525	73.652	64.0	5.30	0.305	224	227.501	-12.266	0.95	-8.417		10	-12.553	40.721
	TOTAL														56.6
10	J	41928	75.325	64.0	4.20	0.033	208	211.501	-11.950	0.50	-4.347		16	-10.512	48.549
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		128	-1.481	56.067
	I	28525	73.652	64.0	5.30	0.305	216	219.501	-12.111	0.95	-8.340		12	-11.761	41.745
	TOTAL														56.9
11	J	41928	75.325	64.0	4.20	0.033	250	253.501	-12.736	0.50	-4.552		13	-11.413	46.656
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		120	-1.761	55.787
	I	28525	73.652	64.0	5.30	0.305	214	217.501	-12.071	0.95	-8.320		12	-11.761	41.805
	TOTAL														56.4
12	J	41928	75.325	64.0	4.20	0.033	218	221.501	-12.150	0.50	-4.400		13	-11.413	47.394
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		116	-1.908	55.640
	I	28525	73.652	64.0	5.30	0.305	210	213.501	-11.991	0.95	-8.280		14	-11.091	42.595
	TOTAL														56.4
13	J	41928	75.325	64.0	4.20	0.033	198	201.501	-11.739	0.50	-4.293		10	-12.553	48.773
	M	27317	73.464	64.0	3.70	-0.097	106	109.502	-9.091	0.95	-6.848		118	-1.834	55.595
	I	28525	73.652	64.0	5.30	0.305	202	205.501	-11.825	0.95	-8.198		15	-10.792	43.142
	TOTAL														56.3
14	J	41928	75.325	64.0	4.20	0.033	188	191.501	-11.518	0.50	-4.235		21	-9.331	50.273
	M	27317	73.464	64.0	3.70	-0.097	102	105.502	-8.929	0.95	-6.768		120	-1.761	55.909
	I	28525	73.652	64.0	5.30	0.305	190	193.501	-11.564	0.95	-8.069		14	-11.091	43.233
	TOTAL														57.1
15	J	41928	75.325	64.0	4.20	0.033	180	183.501	-11.333	0.50	-4.187		22	-9.128	50.709
	M	27317	73.464	64.0	3.70	-0.097	104	107.502	-9.011	0.95	-6.808		120	-1.761	55.787
	I	28525	73.652	64.0	5.30	0.305	182	185.501	-11.380	0.95	-7.979		17	-10.248	44.350
	TOTAL														57.2
16	J	41928	75.325	64.0	4.20	0.033	180	183.501	-11.333	0.00	0.000	5.000	23	-8.935	50.089
	M	27317	73.464	64.0	3.70	-0.097	102	105.502	-8.929	0.95	-6.768		118	-1.834	55.836
	I	28525	73.652	64.0	5.30	0.305	176	179.501	-11.237	0.95	-7.908		17	-10.248	44.563
	TOTAL														57.1
17	J	41928	75.325	64.0	4.20	0.033	163	166.501	-10.911	0.00	0.000	5.000	23	-8.935	50.511
	M	27317	73.464	64.0	3.70	-0.097	105	108.502	-9.051	0.95	-6.828		118	-1.834	55.654
	I	28525	73.652	64.0	5.30	0.305	160	163.501	-10.832	0.95	-7.708		17	-10.248	45.169
	TOTAL														57.1
18	J	41928	75.325	64.0	4.20	0.033	264	267.501	-12.970	0.00	0.000	5.000	25	-8.573	48.814
	M	27317	73.464	64.0	3.70	-0.097	165	168.501	-10.963	0.90	-7.363		3	-17.782	37.260
	I	28525	73.652	64.0	5.30	0.305	266	269.501	-13.002	0.95	-8.780		1	-22.553	29.622
	TOTAL														49.2
19	J	41928	75.325	64.0	4.20	0.033	294	297.501	-13.432	0.00	0.000	5.000	29	-7.929	48.997
	M	27317	73.464	64.0	3.70	-0.097	156	159.502	-10.724	0.90	-7.252		6	-14.771	40.620
	I	28525	73.652	64.0	5.30	0.305	256	259.501	-12.838	0.95	-8.699		1	-22.553	29.867
	TOTAL														49.6
20	J	41928	75.325	64.0	4.20	0.033	254	257.501	-12.804	0.50	0.000	5.000	31	-7.639	49.914
	M	27317	73.464	64.0	3.70	-0.097	155	158.502	-10.697	0.90	-7.239		1	-22.553	32.878
	I	28525	73.652	64.0	5.30	0.305	256	259.501	-12.838	0.95	-8.699		1	-22.553	29.867
	TOTAL														50.0
21	J	41928	75.325	64.0	4.20	0.033	250	253.501	-12.736	0.50	0.000	5.000	31	-7.639	49.982
	M	27317	73.464	64.0	3.70	-0.097	155	158.502	-10.697	0.90	-7.239		1	-22.553	32.878
	I	28525	73.652	6											