

Sound Level Monitoring Report

Equipment

Equipment	Piccolo II	SNPO216123199	
Calibration Certificate	P02QC201711130	SoftDB	13/11/2017
Last calibrated before	Model CA114	Serial # 500931	18/03/2019
Calibrated after	Model CA114	Serial # 500931	19/03/2019

Monitoring Information

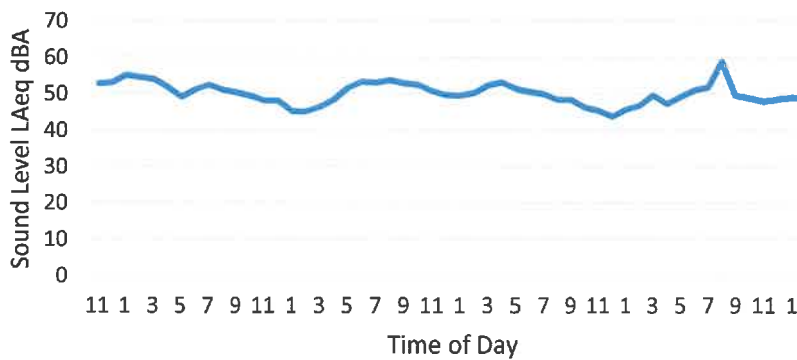
Monitored by	John Lourenco Meridian Brick Canada Ltd
Location	East Quarry, Westhaven Dr, opp pedestrian access (see photo below) 30 paces from fence line, height 1.5 m
Date	Wednesday November 4 th to Friday November 6 th
Weather	Humidity 40-90% - Temp. 7° to 20°C, Wind 7-25 km
Quarry activity	None
Construction activity	None
Settings	Duration – 60 min, Calibration – 94 dB, Input range – Low,
Settings	Freq Weight – dBA, SPL – Slow, FFT - Full
Limits - pt reception	Shale extraction; LAeq < 50 dBA, Construction; LAeq < 60 dBA, LAmx < 65 dBA

Results

#	Start Date	Start Time	End Time	Duration	LAeq	LAeq Var
242	2020-11-04	11:00:02 AM	12:00:00 PM	0:59:58	52.8	2.8
243	2020-11-04	12:00:02 PM	1:00:00 PM	0:59:58	53.1	3.1
244	2020-11-04	1:00:02 PM	2:00:00 PM	0:59:58	55.1	5.1
245	2020-11-04	2:00:02 PM	3:00:00 PM	0:59:58	54.5	4.5
246	2020-11-04	3:00:02 PM	4:00:00 PM	0:59:58	54	4
247	2020-11-04	4:00:02 PM	5:00:00 PM	0:59:58	51.9	1.9
248	2020-11-04	5:00:02 PM	6:00:00 PM	0:59:58	49.1	-0.9
249	2020-11-04	6:00:02 PM	7:00:00 PM	0:59:58	51.2	1.2
250	2020-11-04	7:00:02 PM	8:00:00 PM	0:59:58	52.4	2.4
251	2020-11-04	8:00:02 PM	9:00:00 PM	0:59:58	51	1
252	2020-11-04	9:00:02 PM	10:00:00 PM	0:59:58	50.3	0.3
253	2020-11-04	10:00:02 PM	11:00:00 PM	0:59:58	49.4	-0.6
254	2020-11-04	11:00:02 PM	12:00:00 AM	0:59:58	48.1	-1.9
255	2020-11-05	12:00:02 AM	1:00:00 AM	0:59:58	48.1	-1.9
256	2020-11-05	1:00:02 AM	2:00:00 AM	0:59:58	45.1	-4.9
257	2020-11-05	2:00:02 AM	3:00:00 AM	0:59:58	45	-5
258	2020-11-05	3:00:02 AM	4:00:00 AM	0:59:58	46.3	-3.7
259	2020-11-05	4:00:02 AM	5:00:00 AM	0:59:58	48.3	-1.7
260	2020-11-05	5:00:02 AM	6:00:00 AM	0:59:58	51.6	1.6
261	2020-11-05	6:00:02 AM	7:00:00 AM	0:59:58	53.3	3.3

262	2020-11-05	7:00:02 AM	8:00:00 AM	0:59:58	53.1	3.1
263	2020-11-05	8:00:02 AM	9:00:00 AM	0:59:58	53.8	3.8
264	2020-11-05	9:00:02 AM	10:00:00 AM	0:59:58	52.9	2.9
265	2020-11-05	10:00:02 AM	11:00:00 AM	0:59:58	52.5	2.5
266	2020-11-05	11:00:02 AM	12:00:00 PM	0:59:58	50.8	0.8
267	2020-11-05	12:00:02 PM	1:00:00 PM	0:59:58	49.7	-0.3
268	2020-11-05	1:00:02 PM	2:00:00 PM	0:59:58	49.6	-0.4
269	2020-11-05	2:00:02 PM	3:00:00 PM	0:59:58	50.3	0.3
270	2020-11-05	3:00:02 PM	4:00:00 PM	0:59:58	52.4	2.4
271	2020-11-05	4:00:02 PM	5:00:00 PM	0:59:58	53.2	3.2
272	2020-11-05	5:00:02 PM	6:00:00 PM	0:59:58	51.4	1.4
273	2020-11-05	6:00:02 PM	7:00:00 PM	0:59:58	50.5	0.5
274	2020-11-05	7:00:02 PM	8:00:00 PM	0:59:58	49.9	-0.1
275	2020-11-05	8:00:02 PM	9:00:00 PM	0:59:58	48.4	-1.6
276	2020-11-05	9:00:02 PM	10:00:00 PM	0:59:58	48.4	-1.6
277	2020-11-05	10:00:02 PM	11:00:00 PM	0:59:58	46.3	-3.7
278	2020-11-05	11:00:02 PM	12:00:00 AM	0:59:58	45.4	-4.6
279	2020-11-06	12:00:02 AM	1:00:00 AM	0:59:58	43.8	-6.2
280	2020-11-06	1:00:02 AM	2:00:00 AM	0:59:58	45.7	-4.3
281	2020-11-06	2:00:02 AM	3:00:00 AM	0:59:58	46.8	-3.2
282	2020-11-06	3:00:02 AM	4:00:00 AM	0:59:58	49.7	-0.3
283	2020-11-06	4:00:02 AM	5:00:00 AM	0:59:58	47.3	-2.7
284	2020-11-06	5:00:02 AM	6:00:00 AM	0:59:58	49.2	-0.8
285	2020-11-06	6:00:02 AM	7:00:00 AM	0:59:58	51.1	1.1
286	2020-11-06	7:00:02 AM	8:00:00 AM	0:59:58	51.9	1.9
287	2020-11-06	8:00:02 AM	9:00:00 AM	0:59:58	59	9
288	2020-11-06	9:00:02 AM	10:00:00 AM	0:59:58	49.7	-0.3
289	2020-11-06	10:00:02 AM	11:00:00 AM	0:59:58	48.9	-1.1
290	2020-11-06	11:00:02 AM	12:00:00 PM	0:59:58	47.9	-2.1
291	2020-11-06	12:00:02 PM	1:00:00 PM	0:59:58	48.5	-1.5
292	2020-11-06	1:00:02 PM	2:00:00 PM	0:59:58	49	-1
293	2020-11-06	2:00:02 PM	3:00:00 PM	0:59:58	48.8	-1.2

Sound Level Monitoring LAeq



Comments.

When picking up Piccolo it looked as though nothing had been disturbed. When it was installed on the tree, we could hear the freeway as well as the rustling of trees (it was rather windy)

Location of monitoring station (black inked) and photo of Piccolo set up



John Lourenco

Date November 10, 2020

John L
JOHN LOURENCO