

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

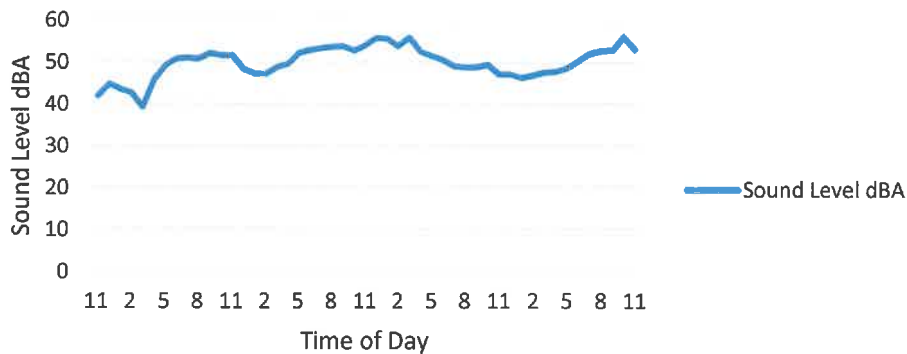
Monitored by	John Lourenco Meridian Brick Canada Ltd
Location	East Quarry, Westhaven Dr, opp pedestrian access (see photo below)
	30 paces from fence line, height 1.5 m
Date	Wednesday November 18 th to Friday November 20 th 2020
Weather	Humidity 40-90% - Temp. -2°C to 17°, Wind from 4 to 30 KPH
Quarry 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
369	2020-11-18	11:00:02 AM	12:00:00 PM	0:59:58	42	57.4
370	2020-11-18	12:00:02 PM	1:00:00 PM	0:59:58	44.9	67.5
371	2020-11-18	1:00:02 PM	2:00:00 PM	0:59:58	43.6	60.6
372	2020-11-18	2:00:02 PM	3:00:00 PM	0:59:58	42.8	62.6
373	2020-11-18	3:00:02 PM	4:00:00 PM	0:59:58	39.3	58.6
374	2020-11-18	4:00:02 PM	5:00:00 PM	0:59:58	45.9	64.3
375	2020-11-18	5:00:02 PM	6:00:00 PM	0:59:58	49.3	56
376	2020-11-18	6:00:02 PM	7:00:00 PM	0:59:58	51	63.2
377	2020-11-18	7:00:02 PM	8:00:00 PM	0:59:58	51.1	65.6
378	2020-11-18	8:00:02 PM	9:00:00 PM	0:59:58	50.9	61.3
379	2020-11-18	9:00:02 PM	10:00:00 PM	0:59:58	52.2	63.2
380	2020-11-18	10:00:02 PM	11:00:00 PM	0:59:58	51.7	58.1
381	2020-11-18	11:00:02 PM	12:00:00 AM	0:59:58	51.6	61.1
382	2020-11-19	12:00:02 AM	1:00:00 AM	0:59:58	48.4	56.3
383	2020-11-19	1:00:02 AM	2:00:00 AM	0:59:58	47.3	54.9
384	2020-11-19	2:00:02 AM	3:00:00 AM	0:59:58	47.2	55.8
385	2020-11-19	3:00:02 AM	4:00:00 AM	0:59:58	48.8	57.6
386	2020-11-19	4:00:02 AM	5:00:00 AM	0:59:58	49.6	60.7
387	2020-11-19	5:00:02 AM	6:00:00 AM	0:59:58	52.3	59.2
388	2020-11-19	6:00:02 AM	7:00:00 AM	0:59:58	53	63.3
389	2020-11-19	7:00:02 AM	8:00:00 AM	0:59:58	53.4	60.9
390	2020-11-19	8:00:02 AM	9:00:00 AM	0:59:58	53.7	66.7

391	2020-11-19	9:00:02 AM	10:00:00 AM	0:59:58	53.9	62
392	2020-11-19	10:00:02 AM	11:00:00 AM	0:59:58	52.8	67.2
393	2020-11-19	11:00:02 AM	12:00:00 PM	0:59:58	54.1	73
394	2020-11-19	12:00:02 PM	1:00:00 PM	0:59:58	55.9	75.8
395	2020-11-19	1:00:02 PM	2:00:00 PM	0:59:58	55.7	79.5
396	2020-11-19	2:00:02 PM	3:00:00 PM	0:59:58	53.9	72
397	2020-11-19	3:00:02 PM	4:00:00 PM	0:59:58	56	79.5
398	2020-11-19	4:00:02 PM	5:00:00 PM	0:59:58	52.6	70.2
399	2020-11-19	5:00:02 PM	6:00:00 PM	0:59:58	51.6	70.5
400	2020-11-19	6:00:02 PM	7:00:00 PM	0:59:58	50.7	64.4
401	2020-11-19	7:00:02 PM	8:00:00 PM	0:59:58	49.1	63.7
402	2020-11-19	8:00:02 PM	9:00:00 PM	0:59:58	48.9	62.3
403	2020-11-19	9:00:02 PM	10:00:00 PM	0:59:58	48.9	64.8
404	2020-11-19	10:00:02 PM	11:00:00 PM	0:59:58	49.5	70
405	2020-11-19	11:00:02 PM	12:00:00 AM	0:59:58	47.2	66.1
406	2020-11-20	12:00:02 AM	1:00:00 AM	0:59:58	47.2	71.2
407	2020-11-20	1:00:02 AM	2:00:00 AM	0:59:58	46.4	65.8
408	2020-11-20	2:00:02 AM	3:00:00 AM	0:59:58	47	66.1
409	2020-11-20	3:00:02 AM	4:00:00 AM	0:59:58	47.7	65.7
410	2020-11-20	4:00:02 AM	5:00:00 AM	0:59:58	47.8	63.6
411	2020-11-20	5:00:02 AM	6:00:00 AM	0:59:58	48.6	60.2
412	2020-11-20	6:00:02 AM	7:00:00 AM	0:59:58	50.4	59.6
413	2020-11-20	7:00:02 AM	8:00:00 AM	0:59:58	52.1	64.9
414	2020-11-20	8:00:02 AM	9:00:00 AM	0:59:58	52.8	68.1
415	2020-11-20	9:00:02 AM	10:00:00 AM	0:59:58	52.9	68.1
416	2020-11-20	10:00:02 AM	11:00:00 AM	0:59:58	56.1	69
417	2020-11-20	11:00:02 AM	12:00:00 PM	0:59:58	53.1	73

Sound Level Monitoring



Comments.

When picking up Piccolo it looked as though nothing had been disturbed. The sound of the highway was audible, and it was quite windy.

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



John Lourenco

Date November 18, 2020

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