

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_070  
**Date:** 15-May-19  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:13  
**Website Notification Time:** 7:34

## Blast Conditions

Ceiling Height:	2200	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	19	km/hr
Wind Direction:	NW	
Temperature:	7	°C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	58.1 LAeq	111.8 dB
Edwards:	54.9 LAeq	108.0 dB
Fred:	59.3 LAeq	119.6 dB
Hollinger Office:	57.6 LAeq	111.2 dB
Noah:	62.4 LAeq	110.5 dB
Sandy:	48.3 LAeq	113.4 dB
Water Tower:	55.2 LAeq	118.3 dB
Wilson:	54.6 LAeq	117.6 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	5.9	6.8	4.8	5.7
Edwards:	6.4	7.6	3.8	9.3
Hollinger Office:	8.9	13.3	12.8	18.0
Sandy:	11.2	22.2	44.1	54.1

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.4	0.5
Edwards:	1.2	3.5
Hollinger Office:	1.8	2.3
Sandy:	4.6	11.0

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:			
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	4.4	2.5	3.5
Imerys:	0.6	0.6	0.9
Noah:	0.5	0.5	0.7
Moneta Pumping Station:	0.4	0.5	0.6
Sandy:	0.9	0.4	0.9
Water Tower:	1.0	0.9	1.6
Wilson:	2.7	2.6	2.4