

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_057  
**Date:** 5-Apr-19  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:24  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 23000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 15.6 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	53.4 LAeq	109.5 dB
Edwards:	47.7 LAeq	104.5 dB
Fred:	44.5 LAeq	112.1 dB
Hollinger Office:	54.6 LAeq	113.3 dB
Noah:	61.1 LAeq	109.3 dB
Sandy:	46.4 LAeq	111.5 dB
Water Tower:	52.2 LAeq	119.0 dB
Wilson:	47.4 LAeq	110.3 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.1	16.5	14.4	21.1
Edwards:	12.2	17.1	20.4	30.3
Hollinger Office:	56.5	167.3	55.6	176.7
Sandy:	20.8	30.4	23.6	28.5

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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:	0.9	2.1
Edwards:	5.3	20.0
Hollinger Office:	10.4	30.1
Sandy:	1.2	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	4.7	2.3	3.3
Imerys:	0.6	0.6	0.9
Noah:	0.7	0.8	1.1
Moneta Pumping Station:	1.0	0.8	1.2
Sandy:	2.3	1.2	2.6
Water Tower:	1.1	0.4	0.7
Wilson:	3.8	3.5	4.8