

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3355\_010, 3340\_078  
**Date:** 13-Jan-19  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:22  
**Website Notification Time:** 7:12

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: -5.9 °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:	47.6 LAeq	102.8 dB
Edwards:	44.4 LAeq	95.5 dB
Fred:	41.0 LAeq	95.6 dB
Hollinger Office:	51.5 LAeq	112.1 dB
Noah:	56.6 LAeq	106.5 dB
Sandy:	43.0 LAeq	106.6 dB
Water Tower:	46.2 LAeq	116.0 dB
Wilson:	50.2 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	4.3	2.7	5.3
Edwards:	1.7	2.2	2.6	3.5
Hollinger Office:	3.8	5.2	4.8	7.9
Sandy:	1.9	6.5	2.1	9.2

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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:	2.6	13.6
Edwards:	2.7	6.4
Hollinger Office:	8.4	21.8
Sandy:	3.7	5.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.6
Edwards:	0.3	0.1	0.2
Hollinger Office:	3.6	2.7	4.0
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.8	1.0
Noah:	0.8	0.6	1.2
Moneta Pumping Station:	0.7	0.3	0.4
Sandy:	0.8	0.5	0.7
Water Tower:	0.2	0.3	0.5
Wilson:	1.7	1.0	2.2