

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3359\_002, 3352\_159, 3346\_153  
**Date:** 1-Jan-19  
**Blast Time:** 11:52  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:32

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: -24.5 °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:	53.4 LAeq	108.2 dB
Edwards:	48.1 LAeq	100.0 dB
Fred:	36.2 LAeq	93.4 dB
Hollinger Office:	52.7 LAeq	112.9 dB
Noah:	64.7 LAeq	104.1 dB
Sandy:	43.9 LAeq	103.8 dB
Water Tower:	47.2 LAeq	111.8 dB
Wilson:	50.4 LAeq	98.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.4	4.1	4.7
Edwards:	8.5	21.4	10.9	53.2
Hollinger Office:	13.8	15.8	6.5	10.0
Sandy:	6.4	7.3	5.7	8.0

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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:	5.0	6.5
Edwards:	9.7	13.8
Hollinger Office:	10.5	15.7
Sandy:	2.3	3.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.2	0.6	1.1
Hollinger West:	0.3	0.5	0.3
Imerys:	0.9	1.1	1.2
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.2	0.3
Water Tower:	0.6	1.1	0.5
Wilson:	0.2	0.2	0.3