

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_160  
**Date:** 26-Feb-19  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:29

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 17 km/hr  
Wind Direction: W  
Temperature: -18.5 °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:	50.6 LAeq	107.8 dB
Edwards:	49.2 LAeq	105.9 dB
Fred:	39.4 LAeq	108.5 dB
Hollinger Office:	51.1 LAeq	110.0 dB
Noah:	57.7 LAeq	105.0 dB
Sandy:	43.8 LAeq	103.2 dB
Water Tower:	46.0 LAeq	115.0 dB
Wilson:	47.8 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.9	8.0	5.9	7.1
Edwards:	14.9	28.6	21.8	26.6
Hollinger Office:			6.7	8.0
Sandy:	2.2	2.5	5.2	6.7

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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:	4.3	5.3
Edwards:	8.8	12.3
Hollinger Office:	8.5	10.2
Sandy:	2.5	3.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	1.4	1.5
Hollinger West:	0.1	0.1	0.0
Imerys:	0.5	0.4	1.7
Noah:	0.6	0.8	0.8
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.3	0.3	0.3