

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_133  
**Date:** 20-Oct-18  
**Blast Time:** 11:57  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 1200 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 26 km/hr  
Wind Direction: NW  
Temperature: -1 °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:	55.7 LAeq	113.6 dB
Edwards:	49.7 LAeq	117.4 dB
Fred:	44.3 LAeq	110.6 dB
Hollinger Office:	59.0 LAeq	115.4 dB
Noah:	61.8 LAeq	115.4 dB
Sandy:	43.3 LAeq	111.4 dB
Water Tower:	51.0 LAeq	122.7 dB
Wilson:	47.2 LAeq	113.0 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:	13.2	13.5		
Edwards:	1.4	2.0	3.1	3.7
Hollinger Office:	0.7	1.2	5.4	6.8
Sandy:	1.5	1.6	0.3	0.7

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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:	1.0	1.3
Edwards:	1.1	1.7
Hollinger Office:	1.9	2.4
Sandy:	1.6	2.4

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

**Vibration Alert: No exceedances recorded**

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