

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_050  
**Date:** 9-Oct-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: 4.6 °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:	57.8 LAeq	100.1 dB
Edwards:	49.6 LAeq	96.4 dB
Fred:	45.1 LAeq	94.4 dB
Hollinger Office:	61.1 LAeq	102.9 dB
Noah:	64.1 LAeq	100.8 dB
Sandy:	43.1 LAeq	112.4 dB
Water Tower:	51.6 LAeq	114.0 dB
Wilson:	52.1 LAeq	104.7 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:	10.2	10.4	0.3	0.5
Edwards:	1.4	1.7	3.5	4.0
Hollinger Office:	2.6	3.4	6.8	8.0
Sandy:	4.3	7.2	2.3	6.9

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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:	1.3	1.6
Hollinger Office:	8.7	12.0
Sandy:	7.5	26.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.7	0.5	0.7
Imerys:	0.6	0.6	0.8
Noah:	0.8	0.6	0.7
Moneta Pumping Station:	1.5	0.7	1.3
Sandy:	2.9	2.8	3.3
Water Tower:	1.5	0.6	2.1
Wilson:	1.4	1.7	1.8