

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_056  
**Date:** 24-Oct-18  
**Blast Time:** 15:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 3600 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: -0.2 °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:	56.1 LAeq	101.8 dB
Edwards:	45.6 LAeq	97.8 dB
Fred:	41.8 LAeq	88.9 dB
Hollinger Office:	69.5 LAeq	110.6 dB
Noah:	61.4 LAeq	98.5 dB
Sandy:	44.9 LAeq	105.4 dB
Water Tower:	46.2 LAeq	112.7 dB
Wilson:	47.6 LAeq	100.6 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:	17.0	18.3	4.2	6.1
Edwards:	8.0	10.8	10.9	15.2
Hollinger Office:	17.9	66.4	16.7	30.3
Sandy:	5.5	6.9	3.9	6.4

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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	3.4
Edwards:	2.2	2.9
Hollinger Office:	1.1	3.8
Sandy:	1.2	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.5	1.0
Hollinger West:	0.2	0.2	0.4
Imerys:	2.2	1.6	2.1
Noah:	1.4	1.3	1.8
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.4	0.3	0.3
Water Tower:	2.6	0.7	2.0
Wilson:	0.7	1.1	1.0