

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_128  
**Date:** 28-Nov-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 19 km/hr  
Wind Direction: NW  
Temperature: -4.4 °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:	60.3 LAeq	106.0 dB
Edwards:	52.4 LAeq	98.8 dB
Fred:	46.0 LAeq	108.1 dB
Hollinger Office:	56.3 LAeq	107.3 dB
Noah:	62.6 LAeq	104.7 dB
Sandy:	42.3 LAeq	104.2 dB
Water Tower:	49.0 LAeq	108.1 dB
Wilson:	51.4 LAeq	99.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.1	6.2	7.1
Edwards:	2.7	2.9	5.4	6.1
Hollinger Office:	4.5	5.1	6.0	8.5
Sandy:	5.4	6.4	3.3	3.7

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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:	2.0	4.1
Edwards:	3.2	6.0
Hollinger Office:	2.8	4.9
Sandy:	3.4	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	1	1.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.8
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.4
Noah:	0.6	1	0.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.5	0.3	0.8