

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_132  
**Date:** 16-Oct-18  
**Blast Time:** 15:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1100 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 2.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	57.1 LAeq	103.2 dB
Edwards:	51.9 LAeq	103.0 dB
Fred:	46.9 LAeq	99.6 dB
Hollinger Office:	63.7 LAeq	109.4 dB
Noah:	61.5 LAeq	106.0 dB
Sandy:	50.7 LAeq	106.1 dB
Water Tower:	51.4 LAeq	110.4 dB
Wilson:	52.2 LAeq	109.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.1	16.4	3.0	3.3
Edwards:	4.3	5.4	8.0	8.7
Hollinger Office:	6.8	7.6	9.9	12.0
Sandy:	5.0	8.3	4.9	9.4

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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:	1.8	4.0
Edwards:	2.8	5.1
Hollinger Office:	3.2	3.8
Sandy:	1.5	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.7	1.5
Hollinger West:	0.2	0.2	0.2
Imerys:	1.4	0.8	1.3
Noah:	1.1	0.9	1.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.8	0.3	0.9
Wilson:	0.8	0.8	1.1