

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_064  
**Date:** 10-Nov-17  
**Blast Time:** 13:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 20 km/hr  
Wind Direction: W  
Temperature: -10.1 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert: Noise Exceedances due to Blast Sirens

#### 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:	54.7 LAeq	109.9 dB
Edwards:	48.5 LAeq	104.2 dB
Fred:	44.5 LAeq	113.4 dB
Hollinger Office:	55.1 LAeq	111.4 dB
Noah:	59.8 LAeq	108.6 dB
Sandy:	43.2 LAeq	111.1 dB
Water Tower:	50.5 LAeq	115.7 dB
Wilson:	45.7 LAeq	108.0 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

### Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	4.6	0.0	0.0
Edwards:	15.2	21.5	4.1	5.3
Hollinger Office:	24.9	34.8	4.5	8.6
Sandy:	17.5	22.0	7.1	10.3

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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	1.4
Edwards:	1.6	2.3
Hollinger Office:	4.1	4.8
Sandy:	3.8	5.4

## 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:	0.0	0.1	0.0
Hollinger Office:	0.3	0.1	0.1
Hollinger West:	2.2	1.8	1.9
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.3	0.3
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.5	0.9	0.8
Water Tower:	0.5	0.7	0.5
Wilson:	4.1	3.4	3.7