

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_010  
**Date:** 2-Feb-19  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 33 km/hr  
Wind Direction: N  
Temperature: -17.2 °C

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

### Noise Alert:

#### Blast Siren Locations:

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

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	49.0 LAeq	102.8 dB
Edwards:	48.1 LAeq	98.6 dB
Fred:	41.5 LAeq	108.0 dB
Hollinger Office:	50.9 LAeq	108.6 dB
Noah:	58.0 LAeq	102.4 dB
Sandy:	39.2 LAeq	108.5 dB
Water Tower:	45.4 LAeq	109.9 dB
Wilson:	61.3 LAeq	113.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	6.7	4.9	7.4
Edwards:	7.2	8.2	8.1	8.8
Hollinger Office:	7.2	8.0	5.2	5.2
Sandy:	24.5	34.2	11.7	17.4

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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:	1.1	1.4
Edwards:	2.7	4.6
Hollinger Office:	5.3	9.1
Sandy:	4.7	5.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.2	0.2
Imerys:	0.2	0.3	0.4
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.9	0.5	0.6
Sandy:	1.8	0.9	1.5
Water Tower:	0.2	0.3	0.3
Wilson:	0.9	1.2	1.5