

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3350.5\_002  
**Date:** 8-Apr-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 17 km/hr  
Wind Direction: E  
Temperature: -1.3 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	52.3 LAeq	105.5 dB
Edwards:	47.0 LAeq	100.1 dB
Fred:	41.4 LAeq	100.7 dB
Hollinger Office:	56.2 LAeq	114.9 dB
Noah:	62.6 LAeq	107.4 dB
Sandy:	41.9 LAeq	101.9 dB
Water Tower:	50.8 LAeq	107.3 dB
Wilson:	48.9 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.6	5.9	4.6	9.1
Edwards:	3.5	4.3	5.3	5.7
Hollinger Office:	4.0	4.3	3.1	6.0
Sandy:	3.6	4.5	2.7	4.6

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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:	3.1	3.7
Edwards:	3.1	4.0
Hollinger Office:	3.7	4.6
Sandy:	3.6	10.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.0	0.1	0.1
Hollinger Office:	1.0	0.5	1.1
Hollinger West:	0.0	0.0	0.0
Imerys:	0.3	0.2	0.5
Noah:	0.4	0.4	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.1	0.3



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