

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_020  
**Date:** 1-Oct-18  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:40

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 2.8 km/hr  
Wind Direction: N  
Temperature: 2.4 °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:	54.6 LAeq	102.0 dB
Edwards:	47.0 LAeq	94.2 dB
Fred:	40.0 LAeq	87.3 dB
Hollinger Office:	63.6 LAeq	105.9 dB
Noah:	63.9 LAeq	103.8 dB
Sandy:	42.8 LAeq	109.8 dB
Water Tower:	54.3 LAeq	117.2 dB
Wilson:	46.9 LAeq	108.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.4	13.9	0.7	1.6
Edwards:	5.6	7.2	5.8	7.9
Hollinger Office:	30.0	169.5	24.4	110.5
Sandy:	14.8	29.7	8.0	21.4

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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:	0.0	0.0
Edwards:	2.0	2.8
Hollinger Office:	8.4	18.1
Sandy:	15.1	32.0

## 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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	1.7	1.0	1.3
Imerys:	0.4	0.4	0.8
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.9	0.5	1.0
Sandy:	2.2	1.4	2.6
Water Tower:	1.0	0.8	0.9
Wilson:	3.7	4.3	5.5