

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_091  
**Date:** 15-Feb-19  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:35  
**Website Notification Time:** 7:48

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 20 km/hr  
Wind Direction: N  
Temperature: -6.8 °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:	52.8 LAeq	99.8 dB
Edwards:	48.4 LAeq	100.5 dB
Fred:	41.5 LAeq	101.2 dB
Hollinger Office:	53.6 LAeq	109.3 dB
Noah:	58.3 LAeq	101.1 dB
Sandy:	42.1 LAeq	114.0 dB
Water Tower:	46.9 LAeq	113.5 dB
Wilson:	47.3 LAeq	112.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.9	5.5	5.4	6.7
Edwards:	6.6	10.6	6.9	9.4
Hollinger Office:			11.2	14.5
Sandy:	6.2	17.1	7.7	22.5

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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:	1.7	2.1
Edwards:	3.1	3.8
Hollinger Office:	16.3	48.2
Sandy:	8.0	26.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.5
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	0.8	0.6	0.8
Water Tower:	0.3	0.2	0.3
Wilson:	1.3	1.7	1.6