

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3355\_011  
**Date:** 15-Jan-19  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 6 km/hr  
Wind Direction: SE  
Temperature: -12.7 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	48.9 LAeq	104.4 dB
Edwards:	48.9 LAeq	96.4 dB
Fred:	41.3 LAeq	91.4 dB
Hollinger Office:	50.9 LAeq	113.2 dB
Noah:	56.5 LAeq	101.2 dB
Sandy:	47.9 LAeq	100.0 dB
Water Tower:	47.3 LAeq	105.2 dB
Wilson:	51.9 LAeq	97.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.0	12.3	7.5	9.7
Edwards:	3.9	5.9	10.1	13.7
Hollinger Office:	21.7	42.3	26.0	94.2
Sandy:	6.6	8.2	9.0	11.7

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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:	7.8	14.6
Edwards:	2.5	5.9
Hollinger Office:	25.4	77.1
Sandy:	4.8	7.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.8	0.5	1.6
Hollinger West:	0.1	0.0	0.0
Imerys:	0.3	0.3	0.6
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.1	0.0	0.0
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.2	0.3