

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_068  
**Date:** 21-Nov-18  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2600 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 26 km/hr  
Wind Direction: NW  
Temperature: -18.9 °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:	52.8 LAeq	108.7 dB
Edwards:	49.8 LAeq	101.2 dB
Fred:	41.4 LAeq	102.9 dB
Hollinger Office:	55.3 LAeq	109.8 dB
Noah:	63.2 LAeq	108.2 dB
Sandy:	43.9 LAeq	104.9 dB
Water Tower:	52.1 LAeq	114.4 dB
Wilson:	46.2 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	5.6	4.2	6.7
Edwards:	9.9	12.2	7.1	8.6
Hollinger Office:	30.1	40.7	9.3	15.6
Sandy:	13.5	16.0	8.1	10.1

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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:	2.3	2.7
Edwards:	6.4	28.0
Hollinger Office:	4.4	6.6
Sandy:	5.1	30.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.8	0.6	1.1
Hollinger West:	0.2	0.2	0.2
Imerys:	0.9	0.6	0.9
Noah:	1.7	2.7	2.3
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.4	0.3	0.5
Water Tower:	0.5	0.3	0.4
Wilson:	0.9	0.5	1.2