

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_141  
**Date:** 22-Nov-18  
**Blast Time:** 13:44  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: -11.5 °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:	50.0 LAeq	105.3 dB
Edwards:	49.0 LAeq	98.6 dB
Fred:	39.2 LAeq	90.2 dB
Hollinger Office:	52.7 LAeq	114.0 dB
Noah:	66.2 LAeq	110.8 dB
Sandy:	42.6 LAeq	108.0 dB
Water Tower:	44.9 LAeq	121.5 dB
Wilson:	47.9 LAeq	109.0 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	5.5	14.9	9.0	22.9
Edwards:	11.0	53.7	17.5	76.3
Hollinger Office:	2.6	7.1	14.1	45.0
Sandy:	1.9	2.9	5.6	6.7

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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:	3.4	6.9
Edwards:	13.1	59.5
Hollinger Office:	5.4	12.5
Sandy:	1.8	2.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.6	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.5	0.9	1.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.8	0.6	0.9
Noah:	1.6	0.6	1.5
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.3	0.2	0.2
Water Tower:	0.3	0.3	0.4
Wilson:	1.9	0.9	1.4