

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_142  
**Date:** 2-Dec-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 26 km/hr  
Wind Direction: NE  
Temperature: 4.5 °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:	54.0 LAeq	104.2 dB
Edwards:	47.3 LAeq	106.9 dB
Fred:	42.7 LAeq	110.7 dB
Hollinger Office:	55.4 LAeq	111.7 dB
Noah:	60.0 LAeq	110.6 dB
Sandy:	43.8 LAeq	108.2 dB
Water Tower:	51.2 LAeq	109.5 dB
Wilson:	48.7 LAeq	111.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	6.3	5.9	8.2
Edwards:	4.0	5.0	9.1	10.4
Hollinger Office:	3.9	4.2	11.1	13.4
Sandy:	4.6	5.8	10.1	18.0

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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:	0.7	1.0
Edwards:	1.7	2.0
Hollinger Office:	2.0	3.2
Sandy:	5.3	10.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.9	0.6	0.4
Hollinger West:	0.1	0.1	0.5
Imerys:	0.8	0.3	0.6
Noah:	0.9	0.3	0.7
Moneta Pumping Station:	0.2	0.1	0.5
Sandy:	0.2	0.1	3.3
Water Tower:	0.3	0.2	0.6
Wilson:	1.6	0.4	2.1