

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_102  
**Date:** 16-May-18  
**Blast Time:** 11:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 10000 ft  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 9.8 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **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:	57.1 LAeq	99.4 dB
Edwards:	49.3 LAeq	99.2 dB
Fred:	45.9 LAeq	101.2 dB
Hollinger Office:	58.2 LAeq	104.1 dB
Noah:	61.3 LAeq	102.0 dB
Sandy:	48.3 LAeq	104.1 dB
Water Tower:	49.1 LAeq	111.4 dB
Wilson:	49.2 LAeq	100.0 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:	8.8	9.2	12.4	13.6
Edwards:	3.5	4.6	8.5	9.9
Hollinger Office:	12.2	34.1	16.7	54.0
Sandy:	7.4	7.8	5.5	6.3

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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:	3.2	10.8
Edwards:	3.2	9.2
Hollinger Office:	8.2	23.5
Sandy:	2.0	2.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.7	1.7
Hollinger West:	1.5	1.5	2.2
Imerys:	3.6	3.3	2.4
Noah:	1.3	1.3	1.8
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.1	0.2
Water Tower:	1.4	0.6	0.8
Wilson:	0.7	0.6	1.0