

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_094  
**Date:** 25-Jun-18  
**Blast Time:** 11:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: E  
Temperature: 16.5 °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:	56.1 LAeq	102.7 dB
Edwards:	52.9 LAeq	101.1 dB
Fred:	44.2 LAeq	97.2 dB
Hollinger Office:	55.7 LAeq	111.5 dB
Noah:	61.8 LAeq	106.2 dB
Sandy:	42.4 LAeq	107.5 dB
Water Tower:	50.6 LAeq	112.7 dB
Wilson:	49.7 LAeq	102.1 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:	1.3	2.0	1.1	1.9
Edwards:	5.9	8.9	6.0	9.2
Hollinger Office:	13.3	17.3	7.3	23.3
Sandy:	32.0	156.4	17.8	48.7

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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:	0.9	1.0
Edwards:	0.6	0.9
Hollinger Office:	1.8	3.2
Sandy:	2.2	5.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.6	0.3	0.7
Imerys:	0.3	0.5	0.6
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.0	1.3	1.7
Sandy:	2.6	2.0	2.2
Water Tower:	2.2	0.5	1.6
Wilson:	1.2	1.5	1.5