

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_123  
**Date:** 1-Sep-18  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:20

## Blast Conditions

Ceiling Height: 14000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 12 km/hr  
Wind Direction: S  
Temperature: 17.9 °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:	53.8 LAeq	101.2 dB
Edwards:	50.7 LAeq	106.4 dB
Fred:	46.0 LAeq	102.8 dB
Hollinger Office:	53.8 LAeq	110.3 dB
Noah:	59.6 LAeq	106.1 dB
Sandy:	49.2 LAeq	113.1 dB
Water Tower:	52.0 LAeq	113.7 dB
Wilson:	50.8 LAeq	107.4 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:	2.7	3.7	19.0	19.7
Edwards:	2.9	3.2	14.3	18.7
Hollinger Office:	15.1	17.6	13.0	21.7
Sandy:	3.4	4.0	7.8	9.3

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	1.2	1.7
Edwards:	0.9	2.2
Hollinger Office:	5.9	37.0
Sandy:	0.7	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	1.0	0.1	0.1
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.2	1.1	0.7
Imerys:	0.5	0.6	0.4
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	1.2	1.2	0.7
Sandy:	2.2	3.2	2.7
Water Tower:	0.8	1.2	0.5
Wilson:	2.2	2.3	1.9