

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_040  
**Date:** 11-Sep-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:26

## Blast Conditions

Ceiling Height: 7000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered clouds  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 20 °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:	53.5 LAeq	103.0 dB
Edwards:	53.9 LAeq	101.7 dB
Fred:	47.3 LAeq	98.4 dB
Hollinger Office:	57.5 LAeq	106.6 dB
Noah:	64.5 LAeq	111.1 dB
Sandy:	48.2 LAeq	105.6 dB
Water Tower:	51.2 LAeq	115.6 dB
Wilson:	51.4 LAeq	98.8 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:	7.5	7.8	0.3	0.9
Edwards:	5.3	6.9	11.4	16.1
Hollinger Office:	41.1	306.0	44.3	376.9
Sandy:	11.8	24.8	14.7	29.2

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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:	0.2	0.8
Edwards:	2.6	6.9
Hollinger Office:	12.1	33.0
Sandy:	0.6	0.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.3	0.6	0.5
Hollinger West:	0.7	0.7	0.3
Imerys:	1.8	1.9	1.0
Noah:	1.2	1.3	0.7
Moneta Pumping Station:	0.7	0.5	0.4
Sandy:	0.5	0.7	0.6
Water Tower:	2.4	3.6	1.3
Wilson:	1.4	1.8	1.4