

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_182  
**Date:** 27-Jul-18  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:10

## Blast Conditions

Ceiling Height: 800 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 14.1 °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:	55.0 LAeq	110.6 dB
Edwards:	53.4 LAeq	103.3 dB
Fred:	44.4 LAeq	97.5 dB
Hollinger Office:	56.4 LAeq	111.4 dB
Noah:	61.8 LAeq	103.8 dB
Sandy:	50.8 LAeq	103.0 dB
Water Tower:	49.0 LAeq	109.4 dB
Wilson:	51.2 LAeq	101.4 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:	3.3	3.9	3.7	4.9
Edwards:	4.1	5.2	4.9	10.1
Hollinger Office:	25.3	49.6	35.2	71.1
Sandy:	1.4	1.8	0.0	0.0

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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:	2.0	3.0
Edwards:	6.8	11.9
Hollinger Office:	9.5	16.8
Sandy:	0.8	1.0

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

**Vibration Alert: No exceedances recorded**

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