

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_167  
**Date:** 20-Jun-18  
**Blast Time:** 11:47  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 8:20

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 9.8 km/hr  
Wind Direction: N  
Temperature: 10.4 °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:	58.2 LAeq	105.8 dB
Edwards:	51.3 LAeq	100.5 dB
Fred:	45.9 LAeq	103.2 dB
Hollinger Office:	62.2 LAeq	111.8 dB
Noah:	62.8 LAeq	105.7 dB
Sandy:	47.3 LAeq	109.0 dB
Water Tower:	50.2 LAeq	104.9 dB
Wilson:	48.1 LAeq	104.0 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:	3.5	4.1	6.5	6.9
Edwards:	11.5	12.3	10.9	12.2
Hollinger Office:	7.2	10.8	13.8	19.5
Sandy:	20.9	39.3	8.6	12.0

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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:	1.1	2.4
Edwards:	0.7	1.1
Hollinger Office:	3.9	6.3
Sandy:	6.4	11.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.7	0.8
Edwards:	0.8	0.4	0.5
Hollinger Office:	0.8	0.4	0.9
Hollinger West:	0.1	0.1	0.1
Imerys:	1.0	2.0	0.9
Noah:	0.6	0.3	0.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.3	0.2	0.3
Wilson:	1.1	0.4	0.8