

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_071 & 3352\_070  
**Date:** 9-Aug-17  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: SW  
Temperature: 18.5 °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:	55.1 LAeq	101.4 dB
Edwards:	52.9 LAeq	120.0 dB
Fred:	47.7 LAeq	101.0 dB
Hollinger Office:	59.2 LAeq	109.3 dB
Noah:	60.1 LAeq	101.8 dB
Sandy:	48.8 LAeq	106.6 dB
Water Tower:	49.5 LAeq	109.7 dB
Wilson:	49.2 LAeq	105.4 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	4.5	13.0	0.8	2.0
Edwards:	6.8	9.0	5.5	14.1
Hollinger Office:	18.3	29.6	13.7	36.6
Sandy:	7.7	8.8	5.5	7.5

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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:	1.4	2.3
Edwards:	1.8	5.6
Hollinger Office:	4.9	15.5
Sandy:	0.7	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.4	0.3	0.6
Hollinger Office:	0.6	0.4	0.3
Hollinger West:	0.6	0.4	0.8
Imerys:	0.4	0.3	0.4
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	1.5	1.6	1.4
Water Tower:	0.6	0.4	0.6
Wilson:	2.3	1.7	2.3