

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_147,3358\_010 and 3358\_012  
**Date:** 7-Jun-16  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 274m  
Boundary Layer Height: none  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 10 km/hr  
Wind Direction: NW  
Temperature: 5.6 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	58.2 LAeq	113.3 dB
Edwards:	57.6 LAeq	114.4 dB
Fred:	50.0 LAeq	110.9 dB
Hollinger Office:	60.9 LAeq	113.0 dB
Noah:	62.0 LAeq	112.0 dB
Sandy:	65.0 LAeq	118.7 dB
Water Tower:	58.9 LAeq	120.2 dB
Wilson:	51.3 LAeq	109.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	3.2	3.3	5.6	6.2
Edwards:	2.7	3.0	4.5	5.3
Hollinger Office:	1.8	1.9	3.4	3.9
Hollinger Park:	2.0	2.2	2.0	3.1
Sandy:	3.2	4.7	9.5	12.3

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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	1.6
Edwards:	0.0	0.0
Hollinger Office:	2.2	3.1
Hollinger Park:	1.9	2.8
Sandy:	12.1	111.4

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1	0.9
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.3	0.8
Hollinger West:	0.6	0.7	0.9
Imerys:	0.3	0.5	0.5
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.9	0.9	0.7
Water Tower:	0.4	0.2	0.6
Wilson:	1.6	1.7	1.9