

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_117  
**Date:** 29-Jan-16  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 4846 m  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 5 km/hr  
Wind Direction: W  
Temperature: -23.7 °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:	49.8 LAeq	99.1 dB
Edwards:	54.5 LAeq	97.0 dB
Fred:	39.9 LAeq	96.5 dB
Hollinger Office:	57.2 LAeq	100.7 dB
Noah:	58.5 LAeq	100.1 dB
Sandy:	58.0 LAeq	106.1 dB
Water Tower:	45.6 LAeq	102.2 dB
Wilson:	50.1 LAeq	97.1 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:	10.6	14.7	6.8	12.1
Edwards:	3.3	5.9	11.2	15.9
Hollinger Office:	6.2	7.8	8.6	10.9
Hollinger Park:	3.9	4.8	8.6	9.9
Sandy:	4.8	6.1	9.6	10.7

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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:	7.6	10.9
Edwards:	15.8	73.7
Hollinger Office:	12.6	15.6
Hollinger Park:	11.2	15.6
Sandy:	6.0	7.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.3	0.1
Hollinger Office:	0.1	0.2	0.1
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	1.6	1.3	1.5
Sandy:	1.2	1.2	1.0
Water Tower:	0.3	0.3	0.2
Wilson:	0.9	1.0	1.1