

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_052  
**Date:** 1-Mar-16  
**Blast Time:** 11:46  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** n/a

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 2.3 km/hr  
Wind Direction: N  
Temperature: -14.8 °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: Extendicare**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	46.7 LAeq	99.7 dB
Edwards:	48.7 LAeq	94.3 dB
Fred:	39.9 LAeq	94.9 dB
Hollinger Office:	60.7 LAeq	111.2 dB
Noah:	56.1 LAeq	104.5 dB
Sandy:	51.4 LAeq	100.4 dB
Water Tower:	44.1 LAeq	114.7 dB
Wilson:	53.6 LAeq	99.0 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:	5.2	5.7	3.1	3.8
Edwards:	1.4	2.1	5.2	8.8
Hollinger Office:	2.8	3.7	5.1	11.4
Hollinger Park:	1.5	1.8	2.9	4.9
Sandy:	1.6	2.0	4.2	4.8

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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	2.1
Edwards:	9.7	26.9
Hollinger Office:	6.9	41.8
Hollinger Park:	1.7	6.4
Sandy:	0.8	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.8	0.5	0.8
Hollinger West:	1.6	0.1	0.2
Imerys:	0.3	0.4	0.5
Noah:	0.8	0.4	0.7
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.4	0.3
Water Tower:	0.4	0.4	0.4
Wilson:	0.8	0.6	0.7