

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_051  
**Date:** 25-Feb-16  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 32 km/hr  
Wind Direction: N  
Temperature: -12.9 °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>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.5 LAeq	114.9 dB
Edwards:	49.8 LAeq	115.6 dB
Fred:	55.2 LAeq	114.1 dB
Hollinger Office:	59.3 LAeq	116.2 dB
Noah:	60.5 LAeq	114.0 dB
Sandy:	62.5 LAeq	118.7 dB
Water Tower:	56.0 LAeq	124.4 dB
Wilson:	58.6 LAeq	117.2 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:	4.5	5.3	1.3	2.1
Edwards:	1.9	2.1	5.7	7.3
Hollinger Office:	2.9	3.5	5.8	7.9
Hollinger Park:	2.1	2.3	3.1	5.1
Sandy:	7.4	10.8	11.4	17.6

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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:	1.0	1.6
Edwards:	2.3	2.9
Hollinger Office:	3.5	9.1
Hollinger Park:	4.5	8.2
Sandy:	3.2	15.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.5	0.4
Hollinger West:	1.7	0.2	0.2
Imerys:	0.4	0.5	0.7
Noah:	0.7	0.6	1.2
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.5	0.4	0.4
Water Tower:	0.4	0.3	0.3
Wilson:	0.8	0.8	0.6