

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_116  
**Date:** 4-Feb-16  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 3932 m  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 4 km/hr  
Wind Direction: SW  
Temperature: -16.3 °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:	49.6 LAeq	102.6 dB
Edwards:	50.5 LAeq	97.8 dB
Fred:	39.7 LAeq	94.4 dB
Hollinger Office:	56.2 LAeq	102.2 dB
Noah:	58.7 LAeq	102.3 dB
Sandy:	46.2 LAeq	106.7 dB
Water Tower:	43.2 LAeq	99.5 dB
Wilson:	57.1 LAeq	104.5 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:	5.5	6.5	3.3	5.3
Edwards:	2.3	2.8	5.3	7.0
Hollinger Office:	3.3	4.6	5.8	12.2
Hollinger Park:	3.4	3.7	3.3	5.8
Sandy:	1.9	2.2	3.6	4.6

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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:	8.6	13.4
Edwards:	13.1	24.7
Hollinger Office:	11.2	14.5
Hollinger Park:	8.4	15.6
Sandy:	4.0	4.6

## 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:	0.2	0.3	0.2
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	2.0	0.3	0.4
Imerys:	0.1	0.2	0.2
Noah:	0.2	0.2	0.4
Moneta Pumping Station:	3.1	2.6	1.6
Sandy:	1.0	1.5	1.2
Water Tower:	0.3	0.4	0.5
Wilson:	0.9	0.5	1.2