

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_119  
**Date:** 2-Feb-16  
**Blast Time:** 13:42  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1798 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 2.8 km/hr  
Wind Direction: NW  
Temperature: -7.9 °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:	58.7 LAeq	98.9 dB
Edwards:	44.1 LAeq	92.8 dB
Fred:	39.8 LAeq	85.7 dB
Hollinger Office:	57.0 LAeq	101.3 dB
Noah:	58.7 LAeq	103.1 dB
Sandy:	50.5 LAeq	106.8 dB
Water Tower:	44.0 LAeq	102.3 dB
Wilson:	63.2 LAeq	112.9 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:	8.5	10.8	7.9	11.0
Edwards:	5.1	7.4	15.4	26.6
Hollinger Office:	5.8	8.7	11.4	22.9
Hollinger Park:	3.3	3.6	10.4	12.7
Sandy:	5.8	6.9	10.2	13.4

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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:	12.1	22.4
Edwards:	24.6	54.4
Hollinger Office:	22.5	56.7
Hollinger Park:	11.6	16.1
Sandy:	21.3	25.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	2.2	0.1	0.0
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.9	0.6	0.7
Sandy:	0.6	0.6	0.5
Water Tower:	0.2	0.3	0.1
Wilson:	0.6	0.4	0.5