

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_140/3373\_048  
**Date:** 3-Feb-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 945 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast snow  
Wind Speed: 10 km/hr  
Wind Direction: NE  
Temperature: -7.1 °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:	50.6 LAeq	103.1 dB
Edwards:	47.7 LAeq	102.2 dB
Fred:	41.3 LAeq	103.7 dB
Hollinger Office:	56.6 LAeq	110.1 dB
Noah:	56.9 LAeq	106.5 dB
Sandy:	55.1 LAeq	109.3 dB
Water Tower:	48.0 LAeq	105.6 dB
Wilson:	49.0 LAeq	105.9 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:	5.2	7.3	1.8	2.8
Edwards:	4.1	5.0	4.1	5.1
Hollinger Office:	4.3	5.6	2.9	3.7
Hollinger Park:	12.0	13.7	2.4	3.6
Sandy:	6.5	12.7	5.5	13.5

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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:	0.8	1.6
Edwards:	3.3	4.9
Hollinger Office:	4.5	6.1
Hollinger Park:	1.6	2.3
Sandy:	18.0	70.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.3	0.1
Hollinger Office:	0.4	0.3	0.2
Hollinger West:	1.8	0.2	0.3
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.2	0.5
Moneta Pumping Station:	0.5	0.5	0.4
Sandy:	0.9	1.2	1.3
Water Tower:	0.5	0.4	0.5
Wilson:	1.0	0.6	1.0