

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_041  
**Date:** 26-Jan-16  
**Blast Time:** 13:36  
**Blast Sign Activation:** 8:45  
**Website Notification Time:** 8:45

## Blast Conditions

Ceiling Height: 427 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast (Snow)  
Wind Speed: 24 km/hr  
Wind Direction: N  
Temperature: -8.7 °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:	53.9 LAeq	106.8 dB
Edwards:	50.1 LAeq	104.0 dB
Fred:	48.8 LAeq	109.6 dB
Hollinger Office:	57.9 LAeq	112.0 dB
Noah:	60.9 LAeq	106.4 dB
Sandy:	54.5 LAeq	107.8 dB
Water Tower:	49.9 LAeq	115.8 dB
Wilson:	57.3 LAeq	108.2 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:	5.8	7.7	4.9	6.4
Edwards:	1.7	1.9	4.4	5.0
Hollinger Office:	4.0	4.7	5.2	7.2
Hollinger Park:	4.0	4.2	4.3	5.2
Sandy:	7.2	11.4	5.8	13.3

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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	1.5
Edwards:	2.4	3.3
Hollinger Office:	3.8	6.5
Hollinger Park:	4.6	6.9
Sandy:	14.5	21.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.9	0.9
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.5	0.4	0.3
Hollinger West:	1.6	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.2	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.3	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.4	0.3	0.5