

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_007H and 3358\_068  
**Date:** 23-Jan-17  
**Blast Time:** 13:39  
**Blast Sign Activation:** 8:44  
**Website Notification Time:** 8:05

## Blast Conditions

Ceiling Height: 335 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: NW  
Temperature: 0.1 °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:	54.2 LAeq	100.4 dB
Edwards:	49.8 LAeq	106.3 dB
Fred:	44.4 LAeq	102.4 dB
Hollinger Office:	66.5 LAeq	108.4 dB
Noah:	58.7 LAeq	109.1 dB
Sandy:	48.0 LAeq	113.9 dB
Water Tower:	52.5 LAeq	118.3 dB
Wilson:	53.3 LAeq	103.2 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:	6.7	7.3	4.2	4.7
Edwards:	2.4	2.6	6.1	6.9
Hollinger Office:	2.7	2.8	7.1	9.6
Hollinger Park:	8.9	19.4	10.1	36.7
Sandy:	3.8	4.6	6.0	7.5

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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:	0.7	1.8
Edwards:	2.0	3.5
Hollinger Office:	12.3	26.1
Hollinger Park:	20.4	117.5
Sandy:	1.6	2.4

## 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	0.2	0.2
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.7	0.4	0.6
Imerys:	0.4	0.9	0.6
Noah:	0.8	0.5	1.0
Moneta Pumping Station:	0.8	0.5	0.8
Sandy:	2.5	1.9	2.3
Water Tower:	0.8	0.8	0.7
Wilson:	1.6	1.5	1.6