

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_100  
**Date:** 8-May-17  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** N/A

## Blast Conditions

Ceiling Height: 933 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Snow)  
Wind Speed: 11.3 km/hr  
Wind Direction: NW  
Temperature: -0.3 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	58.0 LAeq	108.6 dB
Edwards:	52.2 LAeq	100.0 dB
Fred:	47.1 LAeq	106.7 dB
Hollinger Office:	56.9 LAeq	109.4 dB
Noah:	63.3 LAeq	109.1 dB
Sandy:	44.9 LAeq	111.0 dB
Water Tower:	52.2 LAeq	116.6 dB
Wilson:	49.6 LAeq	114.6 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:	7.6	8.0	8.2	9.1
Edwards:	6.7	7.5	10.0	14.2
Hollinger Office:	10.1	10.9	7.0	12.2
Hollinger Park:	57.7	99.2	55.7	104.0
Sandy:	12.7	14.2	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:	2.5	3.2
Edwards:	0.6	1.3
Hollinger Office:	3.6	4.9
Hollinger Park:	4.2	7.0
Sandy:	5.1	22.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.1	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.5	0.5	0.4
Imerys:	0.2	0.1	0.1
Noah:	0.5	1.0	0.5
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.2	0.2
Wilson:	1.4	1.7	1.8