

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_221 & 3358\_074  
**Date:** 2-Mar-17  
**Blast Time:** 15:32  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:31

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 4.1 km/hr  
Wind Direction: SE  
Temperature: -11.7 °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:	54.2 LAeq	106.5 dB
Edwards:	54.0 LAeq	96.4 dB
Fred:	43.1 LAeq	103.4 dB
Hollinger Office:	61.4 LAeq	107.5 dB
Noah:	59.3 LAeq	101.8 dB
Sandy:	49.1 LAeq	109.3 dB
Water Tower:	45.9 LAeq	112.8 dB
Wilson:	55.8 LAeq	100.0 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	6.6	2.3	3.0
Edwards:	5.7	7.8	12.9	19.3
Hollinger Office:	7.2	10.6	18.3	23.8
Hollinger Park:	2.3	2.9	8.5	13.8
Sandy:	3.7	8.5	6.5	18.5

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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:	2.9	3.6
Edwards:	1.4	2.2
Hollinger Office:	4.5	8.3
Hollinger Park:	7.3	18.2
Sandy:	7.7	29.7

## 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:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.4	0.5
Noah:	0.7	0.3	0.6
Moneta Pumping Station:	0.4	0.4	0.3
Sandy:	0.5	0.7	0.5
Water Tower:	0.3	0.2	0.3
Wilson:	0.8	1.0	0.8