

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_084  
**Date:** 9-May-17  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 1097 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 5 km/hr  
Wind Direction: W  
Temperature: -5 °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:	54.1 LAeq	112.0 dB
Edwards:	49.8 LAeq	108.7 dB
Fred:	44.0 LAeq	111.2 dB
Hollinger Office:	64.8 LAeq	111.3 dB
Noah:	61.3 LAeq	106.1 dB
Sandy:	50.8 LAeq	107.7 dB
Water Tower:	48.8 LAeq	117.2 dB
Wilson:	47.5 LAeq	107.4 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:	8.1	10.5	5.8	8.1
Edwards:	6.7	7.3	12.7	15.2
Hollinger Office:	13.0	15.3	16.2	22.7
Hollinger Park:	13.6	20.0	24.9	48.4
Sandy:	8.2	15.9	11.6	31.3

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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:	4.2	6.3
Edwards:	2.2	3.4
Hollinger Office:	7.4	9.4
Hollinger Park:	5.0	9.4
Sandy:	3.0	11.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.3	0.2	0.4
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.8	0.2
Moneta Pumping Station:	0.7	0.6	0.4
Sandy:	1.3	1.5	1.5
Water Tower:	0.2	0.3	0.2
Wilson:	1.3	0.7	0.8