

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_048  
**Date:** 10-May-17  
**Blast Time:** 15:34  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 22000 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: 15.9 °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	102.1 dB
Edwards:	45.0 LAeq	102.4 dB
Fred:	43.0 LAeq	99.2 dB
Hollinger Office:	53.2 LAeq	103.7 dB
Noah:	59.5 LAeq	98.0 dB
Sandy:	46.5 LAeq	107.9 dB
Water Tower:	48.1 LAeq	103.6 dB
Wilson:	50.5 LAeq	101.2 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:	8.7	11.8	11.1	22.9
Edwards:	5.5	6.9	7.9	14.0
Hollinger Office:	18.1	22.0	9.2	18.8
Hollinger Park:	10.7	21.8	17.0	39.0
Sandy:	6.4	7.8	8.7	12.7

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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:	4.0	7.5
Edwards:	0.4	0.8
Hollinger Office:	4.2	6.3
Hollinger Park:	1.1	3.0
Sandy:	0.8	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.4	0.6	0.3
Moneta Pumping Station:	2.3	1.5	2.1
Sandy:	2.1	1.2	2.7
Water Tower:	0.5	0.3	0.6
Wilson:	0.6	0.7	1.1