

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_028  
**Date:** 2-May-17  
**Blast Time:** 15:45  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 15:45

## Blast Conditions

Ceiling Height: 1600 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 19 km/hr  
Wind Direction: NW  
Temperature: 2.3 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	61.1 LAeq	113.4 dB
Edwards:	54.4 LAeq	109.9 dB
Fred:	54.3 LAeq	115.0 dB
Hollinger Office:	60.2 LAeq	119.6 dB
Noah:	64.6 LAeq	115.8 dB
Sandy:	50.4 LAeq	125.5 dB
Water Tower:	61.6 LAeq	123.6 dB
Wilson:	58.8 LAeq	119.0 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:	5.6	6.1	7.2	7.7
Edwards:	2.3	2.6	2.2	4.8
Hollinger Office:	2.1	2.6	1.1	5.3
Hollinger Park:	8.0	12.3	9.2	19.0
Sandy:	2.8	5.4	5.9	14.5

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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:	2.8	3.4
Edwards:	0.5	0.9
Hollinger Office:	2.3	3.1
Hollinger Park:	4.3	11.0
Sandy:	14.3	52.6

## 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:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.5	0.4	0.4
Imerys:	0.7	0.6	0.8
Noah:	0.6	0.4	0.9
Moneta Pumping Station:	0.9	0.5	0.7
Sandy:	1.8	1.6	1.8
Water Tower:	0.1	0.1	0.0
Wilson:	0.0	0.0	0.0