

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_126  
**Date:** 6-Oct-17  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 17 km/hr  
Wind Direction: SW  
Temperature: 15 °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:	56.7 LAeq	106.2 dB
Edwards:	51.6 LAeq	107.4 dB
Fred:	45.8 LAeq	101.4 dB
Hollinger Office:	55.7 LAeq	110.2 dB
Noah:	61.0 LAeq	105.6 dB
Sandy:	49.8 LAeq	105.6 dB
Water Tower:	49.2 LAeq	115.3 dB
Wilson:	50.9 LAeq	108.0 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:	3.8	4.5	3.9	4.8
Edwards:	16.0	45.5	22.9	72.6
Hollinger Office:	39.2	79.5	34.0	77.5
Sandy:	4.9	7.1	5.8	8.2

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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:	0.3	0.8
Edwards:	10.1	39.0
Hollinger Office:	7.9	11.1
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	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.9
Hollinger West:	0.2	0.2	0.2
Imerys:	1.5	0.6	1.1
Noah:	1.4	1.0	1.3
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.4	0.2	0.4
Water Tower:	1.1	0.5	0.7
Wilson:	1.1	1.0	1.2