

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_050  
**Date:** 8-Oct-17  
**Blast Time:** 15:53  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 10 km/hr  
Wind Direction: W  
Temperature: 19.7 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	54.6 LAeq	101.3 dB
Edwards:	51.9 LAeq	107.5 dB
Fred:	46.3 LAeq	99.3 dB
Hollinger Office:	55.1 LAeq	106.1 dB
Noah:	61.5 LAeq	104.9 dB
Sandy:	47.9 LAeq	112.7 dB
Water Tower:	49.5 LAeq	105.8 dB
Wilson:	47.6 LAeq	103.9 dB

## Dust Levels (µg/m<sup>3</sup>) – 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	6.1	11.5	12.2
Edwards:	7.7	8.8	12.7	15.1
Hollinger Office:	9.0	12.5	11.7	22.7
Sandy:	6.2	6.5	9.0	10.1

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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:	0.7	2.1
Edwards:	2.6	7.4
Hollinger Office:	4.7	7.0
Sandy:	0.6	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	2.8	2.2	3.0
Imerys:	1.6	1.5	1.8
Noah:	1.1	1.0	1.4
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.5	0.4	0.5
Water Tower:	2.3	2.0	2.0
Wilson:	3.9	2.0	3.3