

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_013  
**Date:** 12-Aug-17  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 7000 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 11 km/hr  
Wind Direction: N  
Temperature: 18.5 °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:	54.9 LAeq	100.0 dB
Edwards:	49.0 LAeq	95.4 dB
Fred:	43.8 LAeq	99.5 dB
Hollinger Office:	56.7 LAeq	103.7 dB
Noah:	63.2 LAeq	101.9 dB
Sandy:	44.5 LAeq	111.6 dB
Water Tower:	52.3 LAeq	112.0 dB
Wilson:	60.6 LAeq	114.9 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:	3.7	4.0	5.1	6.5
Edwards:	2.8	3.4	6.0	9.2
Hollinger Office:	5.1	7.8	10.1	33.0
Sandy:	4.4	8.9	7.5	12.0

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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	0.4
Edwards:	0.7	1.0
Hollinger Office:	2.3	3.3
Sandy:	2.0	4.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.4	0.3	0.5
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	0.4	0.2	0.4
Imerys:	0.7	0.4	0.4
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	1.9	1.1	1.9
Sandy:	1.0	0.8	1.0
Water Tower:	0.6	0.3	0.5
Wilson:	1.5	1.1	1.5