

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_061  
**Date:** 8-Aug-17  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:33  
**Website Notification Time:** 7:14

## Blast Conditions

Ceiling Height: 1828 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 6 km/hr  
Wind Direction: W  
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:	56.5 LAeq	104.5 dB
Edwards:	51.6 LAeq	99.0 dB
Fred:	45.1 LAeq	97.9 dB
Hollinger Office:	56.9 LAeq	99.6 dB
Noah:	61.2 LAeq	99.3 dB
Sandy:	46.9 LAeq	105.7 dB
Water Tower:	50.5 LAeq	106.3 dB
Wilson:	47.5 LAeq	108.8 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:	16.9	17.5	19.2	20.0
Edwards:	10.1	13.4	41.6	50.0
Hollinger Office:	35.7	52.7	63.6	108.8
Sandy:	8.2	9.8	26.0	29.5

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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:	2.6	4.5
Edwards:	9.9	20.4
Hollinger Office:	8.4	15.7
Sandy:	1.2	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	4.7	2.2	5.0
Imerys:	0.5	0.3	0.4
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.2	0.4
Water Tower:	0.7	0.4	0.9
Wilson:	4.9	2.9	2.7