

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_112  
**Date:** 10-Jun-17  
**Blast Time:** 15:36  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 2682 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: 17.3 °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:	53.9 LAeq	105.6 dB
Edwards:	47.7 LAeq	96.6 dB
Fred:	46.6 LAeq	93.9 dB
Hollinger Office:	53.4 LAeq	112.6 dB
Noah:	61.5 LAeq	103.9 dB
Sandy:	48.5 LAeq	101.8 dB
Water Tower:	51.4 LAeq	111.6 dB
Wilson:	50.0 LAeq	98.5 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:	14.2	15.0	17.3	18.2
Edwards:	7.0	8.3	19.5	20.8
Hollinger Office:	22.4	25.7	20.6	26.8
Sandy:	8.4	10.2	14.0	17.7

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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:	6.0	9.3
Edwards:	4.1	6.4
Hollinger Office:	8.3	16.8
Sandy:	1.0	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	0.4	0.3	0.4
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.5	0.6