

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_016  
**Date:** 17-Jul-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:20  
**Website Notification Time:** 8:10

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 8.2 km/hr  
Wind Direction: S  
Temperature: 21.3 °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:	52.5 LAeq	96.4 dB
Edwards:	44.2 LAeq	95.4 dB
Fred:	44.7 LAeq	96.7 dB
Hollinger Office:	55.8 LAeq	101.2 dB
Noah:	58.7 LAeq	99.1 dB
Sandy:	47.8 LAeq	110.1 dB
Water Tower:	52.4 LAeq	103.2 dB
Wilson:	46.2 LAeq	97.7 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:	4.7	5.5	10.6	15.7
Edwards:	7.0	9.7	10.5	22.7
Hollinger Office:	26.6	37.2	18.3	34.9
Sandy:	9.5	18.4	8.5	22.5

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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:	0.0	0.0
Edwards:	1.4	2.8
Hollinger Office:	2.5	5.3
Sandy:	1.3	2.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.4	0.2	0.3
Imerys:	0.2	0.3	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	2.9	1.6	2.4
Sandy:	1.5	1.5	1.5
Water Tower:	0.4	0.2	0.6
Wilson:	1.0	0.6	0.7