

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_008 A&B, 3358\_093  
**Date:** 17-Apr-17  
**Blast Time:** 11:33  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: N  
Temperature: -5 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.0 LAeq	103.2 dB
Edwards:	57.3 LAeq	98.9 dB
Fred:	43.2 LAeq	103.8 dB
Hollinger Office:	61.8 LAeq	113.3 dB
Noah:	60.6 LAeq	105.9 dB
Sandy:	51.2 LAeq	111.4 dB
Water Tower:	54.6 LAeq	108.7 dB
Wilson:	45.6 LAeq	114.6 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:	6.0	6.4	6.6	6.9
Edwards:	4.3	4.8	5.3	6.3
Hollinger Office:	5.5	5.6	8.8	10.3
Hollinger Park:	4.4	4.5	7.8	8.9
Sandy:	6.5	10.7	7.5	13.1

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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:	2.3	3.6
Edwards:	0.7	1.1
Hollinger Office:	5.2	12.6
Hollinger Park:	3.8	10.3
Sandy:	3.3	12.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.6	0.2	0.3
Imerys:	0.5	0.4	0.4
Noah:	0.5	1.0	0.8
Moneta Pumping Station:	0.7	0.6	0.9
Sandy:	1.5	1.2	1.1
Water Tower:	0.4	0.2	0.4
Wilson:	1.1	1.4	1.9