

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3394\_062  
**Date:** 08-Apr-15  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6000m  
Boundary Layer Height: >4000m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 8 km/hr  
Wind Direction: E  
Temperature: 1.5 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	52.9 LAeq	96.5 dB
Edwards:	46.3 LAeq	89.3 dB
Fred:	41.9 LAeq	97.4 dB
Hollinger Office:	56.6 LAeq	100.4 dB
Noah:	59.4 LAeq	102.0 dB
Sandy:	54.9 LAeq	102.9 dB
Water Tower:	53.1 LAeq	100.5 dB
Wilson:	47.8 LAeq	104.0 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:	11.3	13.5	23.1	28.2
Edwards:	13.2	15.2	19.0	23.7
Hollinger Office:	20.3	31.4	22.4	42.1
Hollinger Park:	47.1	84.0	6.1	9.2
Sandy:	11.6	16.0	16.6	23.1

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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:	0.7	0.9
Edwards:	2.5	3.7
Hollinger Office:	10.4	14.0
Hollinger Park:	0.0	0.0
Sandy:	5.2	7.8

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.4
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	0.5	0.5	0.9
Sandy:	1.5	1.4	2.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.7	0.7