

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_094  
**Date:** 16-Mar-15  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 11:45

## Blast Conditions

Ceiling Height: 1470m  
Boundary Layer Height: 1620m  
Cloud Cover: 50% Partial Clouds  
Wind Speed: 3 km/hr  
Wind Direction: NW  
Temperature: 9.9 °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:	54.8 LAeq	57.1 dB
Edwards:	58.3 LAeq	52.7 dB
Fred:	45.8 LAeq	47.0 dB
Hollinger Office:	63.6 LAeq	63.9 dB
Noah:	60.5 LAeq	62.6 dB
Sandy:	47.9 LAeq	49.1 dB
Water Tower:	56.5 LAeq	58.2 dB
Wilson:	50.9 LAeq	51.4 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:	8.0	8.7	16.1	17.1
Edwards:	4.6	5.1	10.2	12.3
Hollinger Office:	6.9	7.8	14.9	18.3
Hollinger Park:	4.3	5.4	16.1	18.5
Sandy:	2.1	2.6	9.5	11.6

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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:	1.5	2.1
Edwards:	4.2	5.7
Hollinger Office:	6.6	8.9
Hollinger Park:	15.7	51.9
Sandy:	6.6	12.8

## 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 Temp:	0.1	0.2	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	1.0	0.9	1.7
Sandy:	6.1	6.6	3.0
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.6	1.1