

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_037  
**Date:** 3-Jun-15  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: 1340 m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 12 km/hr  
Wind Direction: S  
Temperature: 20.8 °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:	57.7 LAeq	110.7 dB
Edwards:	58.7 LAeq	113.1 dB
Fred:	49.3 LAeq	112.1 dB
Hollinger Office:	66.8 LAeq	117.2 dB
Noah:	62.1 LAeq	110.0 dB
Sandy:	56.2 LAeq	107.0 dB
Water Tower:	55.6 LAeq	114.8 dB
Wilson:	51.6 LAeq	109.4 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.7	13.6	32.4	52.4
Edwards:	28.7	65.0	50.9	118.1
Hollinger Office:	69.0	124.8	88.1	213.4
Hollinger Park:	33.3	46.3	62.2	81.9
Sandy:	21.0	32.8	62.2	133.1

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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:	0.3	0.6
Edwards:	10.8	19.9
Hollinger Office:	15.5	65.0
Hollinger Park:	3.1	5.3
Sandy:	1.0	1.4

## 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	0.3	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.4	0.5	0.4
Sandy:	1.1	0.8	1.0
Water Tower:	4.5	2.1	4.8
Wilson:	0.7	0.5	0.6