

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_027  
**Date:** 7-Jun-15  
**Blast Time:** 15:34  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 6:45

## Blast Conditions

Ceiling Height: 1768 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 9.8 °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:	57.8 LAeq	111.9 dB
Edwards:	51.3 LAeq	109.3 dB
Fred:	49.4 LAeq	111.9 dB
Hollinger Office:	59.7 LAeq	110.8 dB
Noah:	62.8 LAeq	111.1 dB
Sandy:	54.4 LAeq	103.6 dB
Water Tower:	60.7 LAeq	117.3 dB
Wilson:	51.7 LAeq	106.8 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:	11.7	12.0	20.4	20.8
Edwards:	9.5	9.8	15.1	15.8
Hollinger Office:	23.0	29.0	9.9	15.7
Hollinger Park:	14.1	16.8	9.9	13.8
Sandy:	9.9	10.2	10.2	11.3

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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	1.3
Edwards:	0.8	1.7
Hollinger Office:	7.4	23.5
Hollinger Park:	2.7	12.4
Sandy:	0.5	0.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.2	0.1	0.1
Hollinger West:	0.5	0.5	0.7
Imerys:	0.2	0.1	0.3
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	2.1	1.5	0.6
Sandy:	7.0	4.8	7.5
Water Tower:	0.4	0.1	0.4
Wilson:	0.7	0.6	0.6