

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_073  
**Date:** 8-Nov-15  
**Blast Time:** 11:58  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:32

## Blast Conditions

Ceiling Height: 4000 m  
Boundary Layer Height: 4000 m  
Cloud Cover: 0% Clear  
Wind Speed: 13 km/hr  
Wind Direction: SW  
Temperature: 5.9 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	54.5 LAeq	107.2 dB
Edwards:	55.1 LAeq	105.4 dB
Fred:	46.9 LAeq	109.8 dB
Hollinger Office:	66.3 LAeq	111.2 dB
Noah:	60.0 LAeq	111.3 dB
Sandy:	57.9 LAeq	108.0 dB
Water Tower:	51.7 LAeq	113.1 dB
Wilson:	51.7 LAeq	112.3 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Bug in TSP at Claimpost**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	6.1	7.4	24038.8	24319.9
Edwards:	9.5	15.5	11.7	23.3
Hollinger Office:	8.0	12.2	8.5	16.1
Hollinger Park:	5.7	6.5	9.2	14.1
Sandy:	1.9	2.0	4.9	5.9

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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:	1.0	3.8
Edwards:	3.3	8.2
Hollinger Office:	2.9	6.4
Hollinger Park:	1.7	2.4
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:	0.1	0.2	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.3
Imerys:	0.3	0.2	0.1
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	1.5	0.6	0.8
Sandy:	3.5	2.4	2.8
Water Tower:	0.3	0.1	0.4
Wilson:	0.3	0.4	0.3