

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_045B  
**Date:** 7-Nov-15  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 8:25

## Blast Conditions

Ceiling Height: 1000 m  
Boundary Layer Height: 2000 m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 8 km/hr  
Wind Direction: NW  
Temperature: 0.8 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	56.2 LAeq	110.0 dB
Edwards:	55.2 LAeq	108.3 dB
Fred:	46.2 LAeq	105.8 dB
Hollinger Office:	58.0 LAeq	111.9 dB
Noah:	60.8 LAeq	106.9 dB
Sandy:	65.1 LAeq	107.0 dB
Water Tower:	53.8 LAeq	116.0 dB
Wilson:	49.4 LAeq	102.7 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:	3.7	5.3	22896.3	23379.5
Edwards:	3.5	11.6	7.4	36.7
Hollinger Office:	4.7	10.2	3.2	6.8
Hollinger Park:	5.7	6.4	8.1	13.8
Sandy:	4.6	5.0	1.5	2.9

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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:	2.4	4.7
Edwards:	3.7	24.9
Hollinger Office:	2.5	3.4
Hollinger Park:	2.9	3.9
Sandy:	0.9	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.7	0.5	0.9
Hollinger West:	0.1	0.1	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.3	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	1.5	1.5	1.1
Water Tower:	0.3	0.2	0.4
Wilson:	0.7	0.2	0.6