

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_071  
**Date:** 2-Nov-15  
**Blast Time:** 11:54  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 1127 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: S  
Temperature: 8.3 °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:	54.2 LAeq	108.2 dB
Edwards:	53.9 LAeq	106.8 dB
Fred:	45.2 LAeq	100.2 dB
Hollinger Office:	57.3 LAeq	120.0 dB
Noah:	63.7 LAeq	111.0 dB
Sandy:	60.6 LAeq	109.8 dB
Water Tower:	62.0 LAeq	118.5 dB
Wilson:	53.4 LAeq	107.8 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	4.5	5.0	3.2	4.6
Edwards:	2.2	2.3	5.0	5.7
Hollinger Office:	6.1	27.1	8.0	41.3
Hollinger Park:	2.0	2.3	6.5	8.3
Sandy:	2.4	2.8	5.4	9.7

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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:	3.1	4.2
Edwards:	1.6	3.7
Hollinger Office:	22.8	145.9
Hollinger Park:	2.3	4.4
Sandy:	1.2	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.4	0.7	1.1
Hollinger West:	0.1	0.1	0.2
Imerys:	1.1	0.5	1.4
Noah:	0.9	0.6	0.7
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.7	0.5	0.4
Water Tower:	0.9	0.3	0.5
Wilson:	0.9	0.6	0.7