

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_079  
**Date:** 22-Nov-15  
**Blast Time:** 11:34  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 1036 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 5.4 km/hr  
Wind Direction: W  
Temperature: -7 °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:	55.2 LAeq	110.1 dB
Edwards:	59.5 LAeq	105.6 dB
Fred:	42.9 LAeq	104.8 dB
Hollinger Office:	59.5 LAeq	111.0 dB
Noah:	60.6 LAeq	106.5 dB
Sandy:	59.5 LAeq	113.0 dB
Water Tower:	48.5 LAeq	114.6 dB
Wilson:	45.4 LAeq	105.4 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:	7.4	17.7	11.6	31.6
Edwards:	21.4	90.9	36.9	144.1
Hollinger Office:	12.2	20.6	12.2	18.3
Hollinger Park:	15.1	19.2	29.2	42.8
Sandy:	6.0	8.4	4.8	9.0

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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:	1.2	1.9
Edwards:	2.3	5.7
Hollinger Office:	3.1	5.1
Hollinger Park:	3.1	5.9
Sandy:	1.2	2.1

## 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:	0.2	0.3	0.1
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	1.9	0.3	0.3
Imerys:	0.4	0.5	0.5
Noah:	0.4	0.3	0.7
Moneta Pumping Station:	1.2	0.7	1.1
Sandy:	6.1	7.6	6.0
Water Tower:	0.4	0.3	0.6
Wilson:	1.2	0.7	1.4