

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_071  
**Date:** 2-Nov-15  
**Blast Time:** 13:59  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 2346 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 10 km/hr  
Wind Direction: S  
Temperature: 10.4 °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:	54.5 LAeq	105.4 dB
Edwards:	53.2 LAeq	103.7 dB
Fred:	45.7 LAeq	99.8 dB
Hollinger Office:	58.3 LAeq	108.4 dB
Noah:	61.2 LAeq	102.2 dB
Sandy:	60.9 LAeq	108.1 dB
Water Tower:	60.0 LAeq	105.7 dB
Wilson:	53.4 LAeq	98.6 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	4.8	5.9	3.6	5.3
Edwards:	2.3	2.7	5.1	5.8
Hollinger Office:	4.6	8.6	7.0	12.1
Hollinger Park:	1.9	2.4	7.5	13.0
Sandy:	2.8	4.1	7.7	12.6

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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:	6.2	25.5
Edwards:	1.6	4.2
Hollinger Office:	8.2	28.9
Hollinger Park:	2.0	5.3
Sandy:	0.9	1.6

## 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:	0.1	0.1	0.2
Hollinger West:	0.2	0.1	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	1.4	0.7	0.9
Sandy:	4.3	2.1	3.6
Water Tower:	0.2	0.1	0.3
Wilson:	0.6	0.5	0.4