

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_196  
**Date:** 1-Nov-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:48  
**Website Notification Time:** 7:33

## Blast Conditions

Ceiling Height: 304 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 7.6 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.1 LAeq	105.1 dB
Edwards:	55.7 LAeq	107.0 dB
Fred:	46.3 LAeq	104.0 dB
Hollinger Office:	60.6 LAeq	107.9 dB
Noah:	61.4 LAeq	105.8 dB
Sandy:	51.1 LAeq	112.9 dB
Water Tower:	52.2 LAeq	113.1 dB
Wilson:	52.6 LAeq	105.1 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:	8.4	9.2	11.5	12.2
Edwards:	7.1	7.4	12.7	13.9
Hollinger Office:	11.4	18.2	16.7	28.8
Hollinger Park:	5.6	5.8	12.1	12.7
Sandy:	7.4	7.7	9.6	10.1

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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:	5.7	13.3
Edwards:	1.9	3.1
Hollinger Office:	14.6	62.9
Hollinger Park:	1.3	1.4
Sandy:	1.9	2.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.3	0.7
Hollinger West:	0.7	0.2	0.5
Imerys:	0.6	0.7	0.8
Noah:	0.7	0.5	0.4
Moneta Pumping Station:	2.6	0.7	2.1
Sandy:	1.4	1.3	3.3
Water Tower:	1.6	0.5	1.7
Wilson:	1.7	1.4	1.2