

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_018  
**Date:** 20-Nov-15  
**Blast Time:** 13:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 1371 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 9 km/hr  
Wind Direction: SSW  
Temperature: -0.7 °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:	56.7 LAeq	118.6 dB
Edwards:	63.6 LAeq	112.9 dB
Fred:	48.5 LAeq	114.7 dB
Hollinger Office:	58.1 LAeq	117.5 dB
Noah:	62.2 LAeq	115.2 dB
Sandy:	65.3 LAeq	112.8 dB
Water Tower:	54.5 LAeq	119.8 dB
Wilson:	53.8 LAeq	111.9 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:	2.3	2.7	1.8	3.4
Edwards:	6.8	12.6	6.3	15.4
Hollinger Office:	15.8	20.6	6.8	13.7
Hollinger Park:	12.6	13.5	6.7	15.4
Sandy:	7.6	9.4	3.2	4.7

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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:	2.2	4.6
Edwards:	5.4	12.0
Hollinger Office:	5.6	6.6
Hollinger Park:	4.2	10.6
Sandy:	1.1	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.2	0.3	0.2
Hollinger Office:	0.8	0.3	0.3
Hollinger West:	1.7	0.2	0.2
Imerys:	0.2	0.2	0.4
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.2	2.3	1.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.3	0.2	0.4