

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_029  
**Date:** 3-Dec-15  
**Blast Time:** 13:52  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 365 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 4 km/hr  
Wind Direction: SW  
Temperature: -4.1 °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:	54.6 LAeq	108.4 dB
Edwards:	54.7 LAeq	98.3 dB
Fred:	44.1 LAeq	100.6 dB
Hollinger Office:	54.3 LAeq	113.9 dB
Noah:	60.3 LAeq	106.0 dB
Sandy:	52.8 LAeq	103.3 dB
Water Tower:	73.5 LAeq	115.4 dB
Wilson:	46.4 LAeq	98.0 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:	5.0	5.7	5.1	5.6
Edwards:	3.4	4.5	9.0	11.8
Hollinger Office:	9.0	16.1	18.1	30.9
Hollinger Park:	2.8	3.1	8.5	10.4
Sandy:	3.3	4.0	3.5	5.0

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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:	3.8	6.1
Edwards:	8.9	10.8
Hollinger Office:	6.7	9.3
Hollinger Park:	5.1	7.9
Sandy:	1.6	2.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	4.5	1.6	2.4
Hollinger West:	1.7	0.2	0.5
Imerys:	2.6	4.4	3.0
Noah:	1.9	2.6	2.0
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.9	0.6	1.5
Water Tower:	4.9	1.5	2.9
Wilson:	1.4	0.6	1.1