

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_020  
**Date:** 18-Jun-15  
**Blast Time:** 15:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 550 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 14 km/hr  
Wind Direction: N  
Temperature: 10.9 °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:	58.5 LAeq	109.6 dB
Edwards:	55.1 LAeq	102.8 dB
Fred:	51.2 LAeq	107.2 dB
Hollinger Office:	58.4 LAeq	109.6 dB
Noah:	62.0 LAeq	110.2 dB
Sandy:	56.2 LAeq	103.0 dB
Water Tower:	54.3 LAeq	125.2 dB
Wilson:	54.4 LAeq	108.6 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	0.5	0.8	2.3	3.0
Edwards:	4.0	6.4	5.7	8.3
Hollinger Office:	6.1	12.2	3.9	10.4
Hollinger Park:	11.4	24.2	8.4	16.7
Sandy:	73.8	796.8	62.8	557.3

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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:	0.4	1.0
Edwards:	1.2	1.7
Hollinger Office:	2.6	5.6
Hollinger Park:	6.0	12.4
Sandy:	29.1	259.7

## 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:	0.1	0.2	0.1
Hollinger Office:	1.4	0.5	1.5
Hollinger West:	0.4	0.5	0.7
Imerys:	1.5	2.0	2.4
Noah:	9.4	9.6	9.2
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	7.2	2.6	2.9
Water Tower:	0.0	0.0	0.0
Wilson:	1.6	2.1	1.3