

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_018  
**Date:** 12-Jun-15  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 2 km/hr  
Wind Direction: NW  
Temperature: 9.8 °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:	55.6 LAeq	102.1 dB
Edwards:	55.2 LAeq	96.3 dB
Fred:	49.1 LAeq	89.8 dB
Hollinger Office:	56.2 LAeq	113.0 dB
Noah:	62.9 LAeq	112.1 dB
Sandy:	52.6 LAeq	95.8 dB
Water Tower:	64.2 LAeq	122.2 dB
Wilson:	50.3 LAeq	102.6 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:	7.5	8.1	10.5	11.5
Edwards:	11.0	24.1	24.3	59.9
Hollinger Office:	7.3	9.5	17.0	21.8
Hollinger Park:	10.4	14.3	21.7	30.3
Sandy:	14.1	19.0	28.6	52.4

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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:	1.5	2.2
Edwards:	1.7	4.6
Hollinger Office:	3.3	5.6
Hollinger Park:	2.8	4.5
Sandy:	10.6	21.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	1.3	0.7	1.7
Hollinger West:	0.3	0.3	0.5
Imerys:	2.9	3.1	3.1
Noah:	2.1	1.3	1.7
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	2.6	1.3	1.7
Water Tower:	3.6	1.3	1.7
Wilson:	1.4	1.1	1.4