

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_115  
**Date:** 13-Jul-15  
**Blast Time:** 15:30  
**Blast Sign Activation:** 12:00  
**Website Notification Time:** 10:30

## Blast Conditions

Ceiling Height: 1000 m  
Boundary Layer Height: None m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 10 km/hr  
Wind Direction: S  
Temperature: 24.6 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.5 LAeq	103.1 dB
Edwards:	72.2 LAeq	130.3 dB
Fred:	51.9 LAeq	115.0 dB
Hollinger Office:	60.3 LAeq	111.4 dB
Noah:	61.2 LAeq	109.2 dB
Sandy:	57.0 LAeq	112.7 dB
Water Tower:	56.3 LAeq	111.3 dB
Wilson:	52.6 LAeq	108.2 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:	34.6	35.6	47.6	49.2
Edwards:	22.3	26.9	71.8	82.7
Hollinger Office:	50.2	63.6	79.0	103.0
Hollinger Park:	39.6	59.0	92.6	141.7
Sandy:	30.7	42.7	92.6	138.8

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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:	3.1	9.2
Edwards:	2.1	3.1
Hollinger Office:	4.7	13.7
Hollinger Park:	6.4	31.6
Sandy:	0.7	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.4	0.4	0.3
Hollinger Office:	0.1	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.7	0.5	0.5
Sandy:	1.5	1.3	1.9
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.6	0.5