

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_049  
**Date:** 19-Aug-15  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1200 m  
Boundary Layer Height: 1500 m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 19.3 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	55.7 LAeq	103.0 dB
Edwards:	50.4 LAeq	106.6 dB
Fred:	49.2 LAeq	107.3 dB
Hollinger Office:	60.2 LAeq	109.7 dB
Noah:	62.9 LAeq	106.0 dB
Sandy:	53.9 LAeq	106.5 dB
Water Tower:	56.5 LAeq	115.3 dB
Wilson:	55.0 LAeq	108.1 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: Malfunction in TSP unit at Edward Stations**

**(bugs have gotten caught inside sensor, repairs in progress on Edwards and Sandy)**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	23.0	27.5	19.0	23.9
Edwards:	5.1	7.0	32.6	40.4
Hollinger Office:	8.8	10.1	27.4	32.3
Hollinger Park:	10.8	16.7	0.0	0.0
Sandy:	5.6	7.2	23.0	28.1

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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:	1.2	2.6
Edwards:	1.5	2.6
Hollinger Office:	15.5	32.2
Hollinger Park:	0.0	0.0
Sandy:	2.7	13.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.9	0.8	1.3
Imerys:	2	2.2	4.4
Noah:	1.7	1.8	2.1
Moneta Pumping Station:	5.8	1.1	5.5
Sandy:	4.9	3.0	7.4
Water Tower:	7.6	5.1	7
Wilson:	1.5	0.7	0.8