

# Hollinger Public Blast Report

**Blast Pattern:** 3364 Toe/Razor  
**Date:** 13-Aug-15  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:45

## Blast Conditions

Ceiling Height: 2750 m  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 14 km/hr  
Wind Direction: S  
Temperature: 28.3 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.1 LAeq	104.6 dB
Edwards:	50.7 LAeq	107.8 dB
Fred:	49.2 LAeq	100.2 dB
Hollinger Office:	58.3 LAeq	114.4 dB
Noah:	66.2 LAeq	104.8 dB
Sandy:	56.8 LAeq	114.0 dB
Water Tower:	53.6 LAeq	112.3 dB
Wilson:	51.4 LAeq	105.7 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)**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	13.4	15.5	12.7	17.4
Edwards:	16.3	28.3	352.6	380.7
Hollinger Office:	52.9	88.3	42.6	74.3
Hollinger Park:	12.0	15.2	27.6	36.6
Sandy:	10.2	14.0	22.5	32.1

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

## 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:	0.9	2.1
Edwards:	3.5	10.1
Hollinger Office:	6.6	21.7
Hollinger Park:	1.2	1.6
Sandy:	0.4	0.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	2.8	2.2	2.0
Water Tower:	0.2	0.1	0.2
Wilson:	0.2	0.3	0.3