

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3394\_084C  
**Date:** 9-Aug-15  
**Blast Time:** 15:39  
**Blast Sign Activation:** 7:00  
**Website Notification Time:** 6:45

## Blast Conditions

Ceiling Height:	n/a	m
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	8	km/hr
Wind Direction:	S	
Temperature:	25.4	°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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.5 LAeq	115.2 dB
Edwards:	58.4 LAeq	107.6 dB
Fred:	48.5 LAeq	104.5 dB
Hollinger Office:	64.2 LAeq	112.7 dB
Noah:	59.1 LAeq	110.8 dB
Sandy:	54.5 LAeq	108.1 dB
Water Tower:	54.4 LAeq	112.7 dB
Wilson:	56.1 LAeq	108.3 dB

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

**Dust Alert: Malfunction in TSP unit at Sandy and Edward Stations  
(bugs have gotten caught inside sensor, repairs in progress)**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	8.8	10.9	8.9	13.4
Edwards:	4.0	5.0	162.1	166.1
Hollinger Office:	22.3	32.0	24.7	41.4
Hollinger Park:	12.2	18.5	20.6	40.2
Sandy:	7.3	9.6	219.2	228.9

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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:	2.0	3.7
Edwards:	1.1	2.4
Hollinger Office:	5.0	9.1
Hollinger Park:	5.8	10.5
Sandy:	0.1	0.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.0
Hollinger West:	0.1	0.1	0.0
Imerys:	0.1	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.4	0.4	0.3
Water Tower:	0.1	0.1	0.1
Wilson:	0.1	0.2	0.1