

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_107  
**Date:** 14-Aug-15  
**Blast Time:** 15:40  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 10:30

## Blast Conditions

Ceiling Height: 1000 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 2 km/hr  
Wind Direction: SSE  
Temperature: 26 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	56.2 LAeq	98.6 dB
Edwards:	57.3 LAeq	95.5 dB
Fred:	48.7 LAeq	89.8 dB
Hollinger Office:	58.6 LAeq	101.7 dB
Noah:	61.8 LAeq	102.6 dB
Sandy:	55.2 LAeq	104.7 dB
Water Tower:	53.4 LAeq	99.9 dB
Wilson:	49.6 LAeq	100.2 dB

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

**Dust Alert: TSP unit at Edward Station repaired**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.6	16.5	11.9	16.7
Edwards:	10.9	11.8	23.7	27.1
Hollinger Office:	12.8	14.4	22.0	26.3
Hollinger Park:	17.4	20.1	28.0	34.3
Sandy:	8.4	9.7	16.6	20.6

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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:	4.1	12.3
Edwards:	1.1	2.8
Hollinger Office:	2.9	3.8
Hollinger Park:	3.8	6.6
Sandy:	4.8	16.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.6	1.3	1.9
Water Tower:	0.3	0.2	0.3
Wilson:	0.6	0.5	0.4