

# Hollinger Public Blast Report

**Blast Pattern:** 3364 Outcrop  
**Date:** 30-Jun-18  
**Blast Time:** 11:46  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:35

## Blast Conditions

Ceiling Height: 500 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 4 km/hr  
Wind Direction: S  
Temperature: 20.2 °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:	55.1 LAeq	106.5 dB
Edwards:	52.7 LAeq	96.9 dB
Fred:	52.9 LAeq	89.1 dB
Hollinger Office:	55.1 LAeq	107.0 dB
Noah:	63.6 LAeq	109.6 dB
Sandy:	47.1 LAeq	93.9 dB
Water Tower:	53.1 LAeq	102.1 dB
Wilson:	47.4 LAeq	90.9 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.5	13.1	57.6	59.6
Edwards:	11.9	13.0	33.2	36.9
Hollinger Office:	18.1	21.4	33.4	40.0
Sandy:	9.8	10.5	40.7	45.8

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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:	1.3	1.6
Edwards:	0.0	0.0
Hollinger Office:	4.1	9.0
Sandy:	1.2	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.7
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.1	0.1
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.1	0.0	0.1
Wilson:	0.3	0.2	0.2