

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_081  
**Date:** 15-Mar-18  
**Blast Time:** 11:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 22 km/hr  
Wind Direction: NW  
Temperature: -11.2 °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:	54.0 LAeq	110.5 dB
Edwards:	50.7 LAeq	104.5 dB
Fred:	45.9 LAeq	110.1 dB
Hollinger Office:	55.4 LAeq	108.8 dB
Noah:	61.4 LAeq	108.2 dB
Sandy:	41.6 LAeq	107.6 dB
Water Tower:	49.7 LAeq	117.3 dB
Wilson:	54.0 LAeq	107.3 dB

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

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	13.2	14.8	7.7	8.2
Edwards:	6.8	7.3	17.9	19.1
Hollinger Office:	16.0	17.4	18.7	21.4
Sandy:	16.3	25.2	15.7	31.3

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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:	1.2	1.6
Edwards:	1.4	1.9
Hollinger Office:	3.8	6.9
Sandy:	3.6	6.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.2	0.3	0.1
Imerys:	0.3	0.5	0.3
Noah:	0.6	0.6	0.3
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	0.5	0.3	0.5
Water Tower:	0.4	0.4	0.4
Wilson:	0.7	0.7	0.6