

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_088  
**Date:** 19-May-18  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 11000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 16.4 °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:	52.9 LAeq	102.5 dB
Edwards:	47.7 LAeq	97.8 dB
Fred:	44.0 LAeq	93.8 dB
Hollinger Office:	56.5 LAeq	112.0 dB
Noah:	61.5 LAeq	104.5 dB
Sandy:	44.5 LAeq	108.1 dB
Water Tower:	46.3 LAeq	118.0 dB
Wilson:	44.9 LAeq	103.6 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:	11.1	12.2	13.3	14.2
Edwards:	3.2	8.2	17.3	60.9
Hollinger Office:	24.2	34.7	32.7	53.2
Sandy:	9.9	12.3	9.3	14.7

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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:	1.4	3.4
Edwards:	3.0	4.9
Hollinger Office:	6.0	12.6
Sandy:	0.6	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.4	0.4	0.5
Imerys:	0.7	0.6	0.7
Noah:	1.0	0.7	1.2
Moneta Pumping Station:	0.7	0.7	0.7
Sandy:	1.5	1.0	2.1
Water Tower:	1.2	0.8	1.1
Wilson:	2.3	1.6	2.0