

# Hollinger Public Blast Report



**Blast Pattern:** 3352\_024 & 3346\_041D  
**Date:** 12-Sep-17  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 8.2 km/hr  
Wind Direction: SW  
Temperature: 20.1 °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:	54.7 LAeq	103.4 dB
Edwards:	51.1 LAeq	103.8 dB
Fred:	47.2 LAeq	101.2 dB
Hollinger Office:	54.9 LAeq	104.0 dB
Noah:	60.8 LAeq	105.9 dB
Sandy:	47.4 LAeq	106.7 dB
Water Tower:	46.2 LAeq	118.3 dB
Wilson:	52.6 LAeq	107.3 dB

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

**Dust Alert: No Exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	8.6	9.7	12.4	13.6
Edwards:	13.2	20.3	27.3	51.3
Hollinger Office:	22.4	33.4	25.1	52.3
Sandy:	9.8	11.6	13.9	15.1

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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:	1.1	11.2
Edwards:	8.1	15.9
Hollinger Office:	3.0	3.4
Sandy:	0.8	1.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	5.1	1.6	3.4
Hollinger West:	0.7	0.3	0.4
Imerys:	1.7	1.5	2.3
Noah:	1.2	0.6	1.0
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	4.3	1.4	4.4
Wilson:	1.4	1.0	1.4