

# Hollinger Public Blast Report

**Blast Pattern:** 3352\_039  
**Date:** 18-Aug-17  
**Blast Time:** 15:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 274 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 5 km/hr  
Wind Direction: E  
Temperature: 16.8 °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:	56.7	L <sub>Aeq</sub>	101.6	dB
Edwards:	47.4	L <sub>Aeq</sub>	99.2	dB
Fred:	43.7	L <sub>Aeq</sub>	96.4	dB
Hollinger Office:	57.7	L <sub>Aeq</sub>	106.2	dB
Noah:	63.6	L <sub>Aeq</sub>	110.2	dB
Sandy:	43.3	L <sub>Aeq</sub>	113.8	dB
Water Tower:	51.2	L <sub>Aeq</sub>	115.6	dB
Wilson:	50.4	L <sub>Aeq</sub>	107.5	dB

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

**Dust Alert: No Exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.0	2.2	11.7	12.6
Edwards:	2.2	2.8	5.2	6.0
Hollinger Office:	5.0	5.7	5.8	8.7
Sandy:	1.7	3.8	7.3	9.9

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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:	0.0	100%
Edwards:	2.7	100%
Hollinger Office:	5.0	100%
Sandy:	16.8	100%

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	0.7
Hollinger West:	2.9	2.1	4.3
Imerys:	2.9	2.2	2.4
Noah:	2.6	1.9	1.9
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	0.5	0.4	0.6
Water Tower:	5.2	4.8	6.9
Wilson:	2.0	1.8	2.8