

# Hollinger Public Blast Report

**Blast Pattern:** 3346\_063  
**Date:** 8-Nov-17  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 9:15

## Blast Conditions

Ceiling Height:	800	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (snow)
Wind Speed:	6.1	km/hr
Wind Direction:	W	
Temperature:	-0.8	°C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Noise Exceedances due to Blast Sirens**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	55.5 LAeq	104.1 dB
Edwards:	50.3 LAeq	103.1 dB
Fred:	44.0 LAeq	104.8 dB
Hollinger Office:	59.0 LAeq	107.2 dB
Noah:	63.3 LAeq	105.3 dB
Sandy:	47.8 LAeq	110.2 dB
Water Tower:	48.3 LAeq	111.8 dB
Wilson:	49.2 LAeq	104.2 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:	7.8	9.5	7.6	11.7
Edwards:	31.0	53.6	50.6	108.3
Hollinger Office:	20.0	36.1	15.7	30.7
Sandy:	23.0	30.3	19.5	27.7

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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:	0.7	1.1
Edwards:	4.5	9.0
Hollinger Office:	4.0	6.2
Sandy:	3.9	10.0

## 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:	0.0	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.8	1.7	1.7
Imerys:	0.5	0.4	0.6
Noah:	0.3	0.5	0.5
Moneta Pumping Station:	0.6	0.4	0.8
Sandy:	1.7	1.2	1.7
Water Tower:	0.7	0.4	0.5
Wilson:	3.4	3.0	4.1