

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_154  
**Date:** 29-May-18  
**Blast Time:** 15:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: S  
Temperature: 15.6 °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:	53.5 LAeq	92.5 dB
Edwards:	47.9 LAeq	98.6 dB
Fred:	43.2 LAeq	92.2 dB
Hollinger Office:	54.8 LAeq	99.4 dB
Noah:	59.8 LAeq	99.3 dB
Sandy:	48.1 LAeq	93.7 dB
Water Tower:	54.4 LAeq	97.1 dB
Wilson:	47.2 LAeq	96.7 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	10.6	11.6	29.2	30.9
Edwards:	9.3	10.4	14.6	17.6
Hollinger Office:	18.6	26.1	14.7	23.4
Sandy:	7.2	11.1	13.5	25.6

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## 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:	2.0	3.5
Edwards:	1.8	2.6
Hollinger Office:	6.6	19.9
Sandy:	4.3	12.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.2	0.2	0.2
Imerys:	0.1	0.2	0.1
Noah:	0.4	0.6	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.3	0.1	0.2
Wilson:	0.2	0.2	0.2