

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_040  
**Date:** 26-Jul-18  
**Blast Time:** 11:49  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:07

## Blast Conditions

Ceiling Height: 400 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast Rain  
Wind Speed: 11 km/hr  
Wind Direction: SE  
Temperature: 16.2 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	54.9 LAeq	106.5 dB
Edwards:	46.3 LAeq	95.8 dB
Fred:	43.1 LAeq	91.6 dB
Hollinger Office:	56.6 LAeq	114.5 dB
Noah:	62.7 LAeq	107.5 dB
Sandy:	48.1 LAeq	105.2 dB
Water Tower:	49.8 LAeq	112.3 dB
Wilson:	51.1 LAeq	99.0 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	7.6	8.3	14.8	15.7
Edwards:	46.2	50.7	13.3	15.5
Hollinger Office:	10.8	11.7	15.0	20.4
Sandy:	5.0	6.1	11.1	16.5

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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:	1.7	2.5
Edwards:	2.0	3.5
Hollinger Office:	11.3	31.3
Sandy:	2.8	4.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.3	0.3	0.4
Imerys:	0.4	0.4	0.7
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.9	0.9	2.1
Sandy:	1.9	1.9	2.1
Water Tower:	1.2	0.7	0.8
Wilson:	1.1	1.4	1.2