

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_011  
**Date:** Jun 19, 2018  
**Blast Time:** 11:39  
**Blast Sign Activation:** 9:25  
**Website Notification Time:** 8:05

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: NW  
Temperature: 20.1 °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:	54.8 LAeq	100.6 dB
Edwards:	52.4 LAeq	96.4 dB
Fred:	45.8 LAeq	95.6 dB
Hollinger Office:	56.9 LAeq	105.7 dB
Noah:	61.4 LAeq	103.8 dB
Sandy:	47.3 LAeq	111.4 dB
Water Tower:	50.0 LAeq	116.6 dB
Wilson:	53.7 LAeq	104.4 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:	8.5	9.6	0.0	0.0
Edwards:	6.4	6.9	6.8	10.8
Hollinger Office:	8.4	15.4	10.2	34.8
Sandy:	9.0	19.8	16.1	16.1

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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:	0.9	4.8
Edwards:	0.4	2.1
Hollinger Office:	2.5	7.4
Sandy:	3.8	10.8

## 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:	0.5	0.4	0.7
Hollinger West:	0.8	0.3	0.7
Imerys:	0.7	0.9	1.4
Noah:	1.2	0.9	1.1
Moneta Pumping Station:	0.7	0.4	1.0
Sandy:	1.8	1.3	1.8
Water Tower:	2.9	1.2	3.3
Wilson:	1.4	1.8	1.8