

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_030  
**Date:** 8-Aug-18  
**Blast Time:** 15:59  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 22000 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: W  
Temperature: 24.1 °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:	55.4 LAeq	104.8 dB
Edwards:	49.8 LAeq	103.9 dB
Fred:	43.7 LAeq	100.4 dB
Hollinger Office:	57.0 LAeq	105.4 dB
Noah:	62.3 LAeq	106.5 dB
Sandy:	50.1 LAeq	100.0 dB
Water Tower:	48.2 LAeq	109.8 dB
Wilson:	53.5 LAeq	103.0 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:	9.1	11.5	14.7	21.7
Edwards:	7.3	10.7	24.0	43.2
Hollinger Office:	0.0	0.0	30.3	47.9
Sandy:	9.8	14.7	11.3	20.0

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	2.0	3.7
Edwards:	2.9	8.1
Hollinger Office:	6.6	11.1
Sandy:	0.5	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.3	0.1	0.1
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.0	0.0	0.0
Water Tower:	2.2	1.2	2.2
Wilson:	1.3	1.3	1.7