

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_162, 3340\_104  
**Date:** 21-May-19  
**Blast Time:** 15:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 13 km/hr  
Wind Direction: N  
Temperature: 16.9 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### 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:	56.5 LAeq	105.6 dB
Edwards:	53.4 LAeq	99.1 dB
Fred:	49.4 LAeq	104.6 dB
Hollinger Office:	58.2 LAeq	110.1 dB
Noah:	63.0 LAeq	104.4 dB
Sandy:	44.8 LAeq	102.8 dB
Water Tower:	50.0 LAeq	112.8 dB
Wilson:	49.8 LAeq	110.1 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:	8.7	9.3	5.8	7.1
Edwards:	8.0	9.5	10.9	20.5
Hollinger Office:	12.6	21.2	17.2	29.6
Sandy:	11.8	24.2	44.4	56.2

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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:	0.3	0.5
Edwards:	0.7	1.3
Hollinger Office:	3.7	6.8
Sandy:	4.0	13.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.3	1.0	2.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	1.3	0.6	1.4
Hollinger West:	0.3	0.3	0.3
Imerys:	1.9	1.7	1.6
Noah:	0.6	0.4	0.9
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	2.5	1.4	3.1
Wilson:	0.5	0.2	0.6