

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_129, 3352\_162B  
**Date:** 25-May-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:41  
**Website Notification Time:** 7:58

## Blast Conditions

Ceiling Height: 1800 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 13.7 °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:	52.9 LAeq	112.0 dB
Edwards:	46.8 LAeq	106.5 dB
Fred:	45.3 LAeq	103.7 dB
Hollinger Office:	54.1 LAeq	115.1 dB
Noah:	58.2 LAeq	104.8 dB
Sandy:	46.4 LAeq	104.5 dB
Water Tower:	54.6 LAeq	109.3 dB
Wilson:	49.5 LAeq	104.8 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:	10.8	11.6	6.7	8.3
Edwards:	6.7	7.3	8.2	10.6
Hollinger Office:	6.2	7.5	8.6	9.3
Sandy:	3.3	3.9	7.6	9.0

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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:	1.2	2.5
Edwards:	2.5	4.2
Hollinger Office:	6.7	20.2
Sandy:	1.4	2.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.0	1.6	2.0
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.7	0.2	0.6
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.1	0.1
Water Tower:	0.3	0.1	0.2
Wilson:	0.5	0.3	0.6