

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_086  
**Date:** 28-Jan-19  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:05  
**Website Notification Time:** 7:49

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: -30.4 °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:	50.7 LAeq	101.0 dB
Edwards:	42.7 LAeq	92.4 dB
Fred:	38.1 LAeq	88.6 dB
Hollinger Office:	51.3 LAeq	111.5 dB
Noah:	57.3 LAeq	102.4 dB
Sandy:	41.7 LAeq	104.0 dB
Water Tower:	45.1 LAeq	110.9 dB
Wilson:	45.0 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.7	12.8	5.6	7.8
Edwards:	6.3	10.0	19.6	30.3
Hollinger Office:	17.1	19.3	14.3	20.9
Sandy:	2.8	5.1	8.4	12.5

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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:	10.7	12.4
Edwards:	22.1	44.8
Hollinger Office:	12.1	15.4
Sandy:	11.5	14.8

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

**Vibration Alert: No exceedances recorded**

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