

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_149  
**Date:** 9-Jan-19  
**Blast Time:** 13:42  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:41

## Blast Conditions

Ceiling Height: 1100 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 24 km/hr  
Wind Direction: NW  
Temperature: -8.9 °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:	53.5 LAeq	113.0 dB
Edwards:	50.1 LAeq	106.4 dB
Fred:	46.1 LAeq	111.9 dB
Hollinger Office:	55.6 LAeq	115.1 dB
Noah:	56.8 LAeq	113.2 dB
Sandy:	44.8 LAeq	112.5 dB
Water Tower:	55.0 LAeq	121.3 dB
Wilson:	54.4 LAeq	116.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	12.7	6.7	8.4
Edwards:	12.4	16.9	9.2	11.7
Hollinger Office:	18.4	20.1	13.5	20.2
Sandy:	15.1	19.0	10.0	14.7

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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:	0.8	1.2
Edwards:	1.7	2.2
Hollinger Office:	3.3	4.2
Sandy:	1.9	2.2

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

**Vibration Alert: No exceedances recorded**

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