

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_066  
**Date:** 26-Nov-18  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:50  
**Website Notification Time:** 7:35

## Blast Conditions

Ceiling Height: 1200 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 6 km/hr  
Wind Direction: W  
Temperature: -7.2 °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:	53.6 LAeq	108.1 dB
Edwards:	46.6 LAeq	100.9 dB
Fred:	39.9 LAeq	90.6 dB
Hollinger Office:	55.7 LAeq	110.2 dB
Noah:	64.5 LAeq	108.3 dB
Sandy:	41.5 LAeq	112.6 dB
Water Tower:	46.2 LAeq	115.6 dB
Wilson:	45.6 LAeq	103.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.2	3.5	5.4	5.7
Edwards:	3.0	3.3	6.4	6.9
Hollinger Office:	2.8	3.5	7.3	9.6
Sandy:	1.8	2.2	7.0	8.2

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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:	1.0	1.6
Edwards:	1.2	1.9
Hollinger Office:	3.6	5.2
Sandy:	2.4	3.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.5
Hollinger West:	0.6	0.5	0.8
Imerys:	0.4	0.5	0.4
Noah:	0.7	0.7	0.8
Moneta Pumping Station:	0.8	0.6	0.6
Sandy:	4.5	2.2	4.6
Water Tower:	0.6	0.7	0.5
Wilson:	1.9	1.6	1.3