

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_093  
**Date:** 19-Nov-18  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: NE  
Temperature: -15.5 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	52.0 LAeq	109.4 dB
Edwards:	42.6 LAeq	96.4 dB
Fred:	37.0 LAeq	86.7 dB
Hollinger Office:	52.1 LAeq	112.1 dB
Noah:	60.8 LAeq	103.2 dB
Sandy:	38.9 LAeq	102.9 dB
Water Tower:	47.8 LAeq	109.4 dB
Wilson:	47.0 LAeq	101.5 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.0	1.6	2.5	2.8
Edwards:	2.3	2.8	3.8	4.3
Hollinger Office:	4.9	5.9	3.8	5.1
Sandy:	6.5	17.0	8.0	14.5

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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:	0.5	0.7
Edwards:	1.6	2.0
Hollinger Office:	6.5	13.2
Sandy:	6.4	28.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	1.4	1.3
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	1.3	1.2	0.8
Imerys:	0.4	0.2	0.5
Noah:	1.3	1.3	1.0
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.2	0.2
Wilson:	0.7	0.2	1.0