

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_142  
**Date:** 30-Sep-18  
**Blast Time:** 11:44  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:35

## Blast Conditions

Ceiling Height: 5500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: SW  
Temperature: 5.6 °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:	54.3 LAeq	112.4 dB
Edwards:	50.8 LAeq	105.5 dB
Fred:	45.1 LAeq	104.8 dB
Hollinger Office:	61.9 LAeq	118.9 dB
Noah:	59.1 LAeq	109.0 dB
Sandy:	48.7 LAeq	108.6 dB
Water Tower:	48.7 LAeq	117.9 dB
Wilson:	49.4 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.0	13.8	1.3	5.1
Edwards:	3.4	6.7	8.1	14.4
Hollinger Office:	2.2	4.0	6.3	8.1
Sandy:	2.0	2.5	1.8	2.3

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

## 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:	0.0	0.0
Edwards:	2.1	7.1
Hollinger Office:	3.1	5.8
Sandy:	0.6	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.5	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.0	0.9	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.6	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.2	0.1
Water Tower:	0.3	0.3	0.2
Wilson:	0.7	0.8	0.3