

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_155  
**Date:** 17-Jan-19  
**Blast Time:** 13:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: -14.8 °C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	$L_{Aeq}$	$L_{peak}$ dB
Comfort Inn:	46.7 LAeq	105.2 dB
Edwards:	41.7 LAeq	92.2 dB
Fred:	39.8 LAeq	85.4 dB
Hollinger Office:	50.6 LAeq	109.8 dB
Noah:	55.0 LAeq	102.6 dB
Sandy:	47.2 LAeq	102.6 dB
Water Tower:	45.6 LAeq	106.5 dB
Wilson:	50.7 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	3.7	3.3	4.3
Edwards:	4.0	5.1	2.6	3.9
Hollinger Office:	8.5	15.1	15.4	62.5
Sandy:	3.7	6.8	2.8	5.8

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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:	4.0	14.6
Edwards:	6.8	15.3
Hollinger Office:	9.0	11.0
Sandy:	7.5	12.5

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

**Vibration Alert: No exceedances recorded**

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