

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3355\_014  
**Date:** 7-Feb-19  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:25

## Blast Conditions

Ceiling Height: 4500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: NE  
Temperature: -17.7 °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:	46.6 LAeq	103.7 dB
Edwards:	41.5 LAeq	94.2 dB
Fred:	36.0 LAeq	85.5 dB
Hollinger Office:	53.6 LAeq	108.7 dB
Noah:	54.3 LAeq	96.4 dB
Sandy:	36.0 LAeq	98.8 dB
Water Tower:	43.5 LAeq	103.0 dB
Wilson:	51.1 LAeq	123.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	3.6	2.4	2.6
Edwards:	1.4	3.2	6.0	15.0
Hollinger Office:			7.4	7.8
Sandy:	6.7	12.2	10.4	17.7

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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:	2.3	2.5
Edwards:	4.7	5.9
Hollinger Office:	5.8	8.0
Sandy:	13.7	33.7

## 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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.2
Wilson:			