

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3328\_005, 3355\_012  
**Date:** 4-Feb-19  
**Blast Time:** 11:46  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:22

## Blast Conditions

Ceiling Height: 1500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast Snow  
Wind Speed: 15 km/hr  
Wind Direction: NE  
Temperature: -15.7 °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:	50.7 LAeq	101.2 dB
Edwards:	42.8 LAeq	99.9 dB
Fred:	35.9 LAeq	97.2 dB
Hollinger Office:	51.5 LAeq	111.6 dB
Noah:	55.0 LAeq	102.3 dB
Sandy:	38.0 LAeq	104.8 dB
Water Tower:	46.3 LAeq	107.9 dB
Wilson:	46.6 LAeq	109.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.2	3.8	2.6	3.1
Edwards:	2.8	3.8	5.1	7.3
Hollinger Office:	2.3	2.3	8.6	13.4
Sandy:	4.8	7.1	4.8	8.1

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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:	1.2	1.6
Edwards:	3.4	4.7
Hollinger Office:	3.8	5.9
Sandy:	4.4	12.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.8	0.6	1.2
Hollinger West:	0.2	0.6	0.2
Imerys:	0.3	0.2	0.5
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	3.3	2.3	3.2
Water Tower:	0.2	0.3	0.2
Wilson:	1.0	1.1	1.3