

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 335\_013, 3334\_013  
**Date:** 17-Feb-19  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:26  
**Website Notification Time:** 8:16

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 4 km/hr  
Wind Direction: SE  
Temperature: -12.9 °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:	61.5 LAeq	104.6 dB
Edwards:	40.2 LAeq	96.8 dB
Fred:	LAeq	dB
Hollinger Office:	58.4 LAeq	110.2 dB
Noah:	54.8 LAeq	97.8 dB
Sandy:	40.0 LAeq	109.0 dB
Water Tower:	44.2 LAeq	109.6 dB
Wilson:	58.8 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.8	8.1	5.5	7.3
Edwards:	17.2	42.4	34.6	85.2
Hollinger Office:			20.6	37.6
Sandy:	1.5	1.8	4.6	6.1

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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:	8.0	16.0
Edwards:	43.8	115.1
Hollinger Office:	11.0	15.3
Sandy:	5.2	8.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.9	0.8	1.6
Hollinger West:	0.1	0.3	0.3
Imerys:	0.3	0.4	0.5
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.0	0.6	0.8
Sandy:	2.1	2.3	2.8
Water Tower:	0.2	0.3	0.3
Wilson:	1.7	2.1	1.7