

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_154  
**Date:** 11-Feb-19  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 2 km/hr  
Wind Direction: S  
Temperature: -15.9 °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:	50.2 LAeq	98.2 dB
Edwards:	42.2 LAeq	93.3 dB
Fred:	33.5 LAeq	88.5 dB
Hollinger Office:	51.3 LAeq	106.2 dB
Noah:	54.5 LAeq	94.0 dB
Sandy:	47.7 LAeq	97.5 dB
Water Tower:	44.4 LAeq	100.8 dB
Wilson:	44.3 LAeq	92.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.4	2.9	3.6
Edwards:	1.6	1.8	4.4	4.8
Hollinger Office:	62.1	62.1	29.4	104.7
Sandy:	2.7	9.6	3.4	11.9

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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:	6.1	10.1
Edwards:	4.6	7.5
Hollinger Office:	40.4	144.3
Sandy:	6.0	26.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	1.3	1.8	2.3
Hollinger West:	0.0	0.1	0.1
Imerys:	1.0	1.6	1.6
Noah:	0.5	0.7	0.7
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.1	0.1	0.1
Water Tower:	0.4	0.7	0.4
Wilson:			