

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3334\_065  
**Date:** 27-Apr-19  
**Blast Time:** 15:53  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2500 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 30 km/hr  
Wind Direction: NW  
Temperature: 0 °C

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

### Noise Alert:

### Blast Siren Locations:

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

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	57.8 LAeq	114.4 dB
Edwards:	52.1 LAeq	107.2 dB
Fred:	49.8 LAeq	114.4 dB
Hollinger Office:	57.7 LAeq	116.5 dB
Noah:	62.3 LAeq	116.2 dB
Sandy:	48.2 LAeq	113.0 dB
Water Tower:	57.2 LAeq	123.2 dB
Wilson:	52.7 LAeq	114.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.8	7.4	6.3	6.9
Edwards:	6.5	7.5	4.8	6.1
Hollinger Office:	15.7	16.8	2.4	3.2
Sandy:	9.2	10.0	5.2	6.8

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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:	0.7	1.0
Edwards:	0.6	1.0
Hollinger Office:	2.0	2.4
Sandy:	2.2	3.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.1	0.3
Hollinger West:	0.5	0.6	0.4
Imerys:	0.2	0.4	0.3
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.8	0.7	0.5
Sandy:	3.5	2.6	3.5
Water Tower:	0.4	0.4	0.3
Wilson:	0.8	0.9	0.9