

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_146  
**Date:** 10-Feb-19  
**Blast Time:** 3:37  
**Blast Sign Activation:** 7:23  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 22 km/hr  
Wind Direction: W  
Temperature: -10.5 °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:	50.7 LAeq	104.9 dB
Edwards:	45.5 LAeq	101.9 dB
Fred:	37.4 LAeq	102.9 dB
Hollinger Office:	49.2 LAeq	106.8 dB
Noah:	53.9 LAeq	104.5 dB
Sandy:	41.1 LAeq	105.4 dB
Water Tower:	52.8 LAeq	111.1 dB
Wilson:	57.6 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	5.1	3.3	5.4
Edwards:	6.0	12.3	12.4	25.9
Hollinger Office:			8.2	9.1
Sandy:	0.9	1.0	2.3	3.0

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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:	3.9	5.5
Edwards:	12.2	14.2
Hollinger Office:	6.5	9.6
Sandy:	2.4	2.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.4	0.3	0.5
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.2	0.1
Imerys:			
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	2.1	0.9	1.3
Sandy:	0.6	0.4	0.5
Water Tower:	0.2	0.1	0.2
Wilson:			