

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_157, 3355\_015  
**Date:** 19-Feb-19  
**Blast Time:** 11:35  
**Blast Sign Activation:** 7:32  
**Website Notification Time:** 7:22

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: n/a m  
Cloud Cover: 0% Clear  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: -14.8 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	47.7 LAeq	47.7 dB
Edwards:	44.8 LAeq	44.8 dB
Fred:	LAeq	dB
Hollinger Office:	63.8 LAeq	63.8 dB
Noah:	56.6 LAeq	56.6 dB
Sandy:	63.0 LAeq	63.0 dB
Water Tower:	42.8 LAeq	42.8 dB
Wilson:	53.8 LAeq	53.8 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	10.5	3.0	3.5
Edwards:	3.8	7.4	9.3	19.4
Hollinger Office:			9.0	11.9
Sandy:	1.0	1.4	4.0	5.2

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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:	1.9	2.9
Edwards:	9.5	18.1
Hollinger Office:	2.9	3.8
Sandy:	5.6	8.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	1.0
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.3	0.7
Hollinger West:	0.1	0.0	0.1
Imerys:			
Noah:	0.5	0.3	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.0	0.1	0.0