

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_093  
**Date:** 25-Mar-18  
**Blast Time:** 11:48  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 2 km/hr  
Wind Direction: S  
Temperature: -4.3 °C

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

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

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

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	50.1 LAeq	107.7 dB
Edwards:	39.1 LAeq	99.0 dB
Fred:	37.7 LAeq	89.7 dB
Hollinger Office:	52.5 LAeq	112.4 dB
Noah:	59.8 LAeq	110.1 dB
Sandy:	43.3 LAeq	104.4 dB
Water Tower:	44.5 LAeq	123.9 dB
Wilson:	51.7 LAeq	105.3 dB

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

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	12.2	18.3	13.0	22.4
Edwards:	14.4	21.8	22.8	35.0
Hollinger Office:	20.2	29.9	23.2	33.9
Sandy:	22.4	150.2	19.5	175.3

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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:	2.6	3.8
Edwards:	1.5	2.3
Hollinger Office:	8.7	14.8
Sandy:	1.8	3.1

## 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:	0.4	0.4	0.8
Hollinger West:	0.4	0.5	0.4
Imerys:	1.2	0.8	0.9
Noah:	1.0	1.3	1.4
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	0.7	0.6	0.8
Water Tower:	0.7	0.9	1.0
Wilson:	1.3	1.5	1.2