

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_118  
**Date:** 3-Mar-18  
**Blast Time:** 11:32  
**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: 9 km/hr  
Wind Direction: NW  
Temperature: -6.3 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	50.9 LAeq	101.2 dB
Edwards:	49.8 LAeq	96.1 dB
Fred:	40.7 LAeq	92.0 dB
Hollinger Office:	55.3 LAeq	111.5 dB
Noah:	62.8 LAeq	106.1 dB
Sandy:	41.4 LAeq	108.7 dB
Water Tower:	46.4 LAeq	113.0 dB
Wilson:	64.9 LAeq	116.2 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	5.7	7.2	3.2	5.2
Edwards:	3.1	4.2	11.5	15.6
Hollinger Office:	12.4	15.9	21.9	29.8
Sandy:	4.7	5.6	7.9	9.9

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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:	1.3	2.3
Edwards:	1.0	1.7
Hollinger Office:	3.5	4.7
Sandy:	2.3	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	1.4	1.1	2.6
Hollinger West:	0.3	0.3	0.3
Imerys:	4.2	2.5	2.9
Noah:	2.7	2.5	2.1
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.4	0.3	0.5
Water Tower:	1.2	0.9	1.0
Wilson:	1.3	1.1	0.9