

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_081  
**Date:** 16-Mar-17  
**Blast Time:** 15:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 8 km/hr  
Wind Direction: NW  
Temperature: 6.6 °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:	55.9 LAeq	109.9 dB
Edwards:	51.1 LAeq	100.7 dB
Fred:	45.2 LAeq	106.5 dB
Hollinger Office:	55.4 LAeq	108.9 dB
Noah:	66.5 LAeq	107.2 dB
Sandy:	54.4 LAeq	108.0 dB
Water Tower:	51.4 LAeq	117.6 dB
Wilson:	50.6 LAeq	107.9 dB

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

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	7.5	8.2	4.6	5.6
Edwards:	7.7	9.2	11.3	18.5
Hollinger Office:	0.0	0.0	0.0	0.0
Hollinger Park:	21.9	26.6	26.6	32.2
Sandy:	12.5	15.0	10.0	13.5

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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:	2.9	3.5
Edwards:	1.1	1.6
Hollinger Office:	0.0	0.0
Hollinger Park:	6.4	14.5
Sandy:	3.8	5.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.5	0.5	0.8
Hollinger West:	0.3	0.4	0.3
Imerys:	1.2	0.9	0.7
Noah:	1.0	0.9	0.9
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.5	0.7	0.5
Water Tower:	0.6	1.1	1.4
Wilson:	1.0	1.3	0.9