

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3340\_043 & 3328\_004PS  
**Date:** 10-Sep-18  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:25  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered clouds  
Wind Speed: 11 km/hr  
Wind Direction: SE  
Temperature: 18 °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:	54.9 LAeq	102.8 dB
Edwards:	50.5 LAeq	106.7 dB
Fred:	47.0 LAeq	106.1 dB
Hollinger Office:	55.8 LAeq	112.4 dB
Noah:	63.9 LAeq	115.2 dB
Sandy:	52.7 LAeq	114.9 dB
Water Tower:	54.4 LAeq	119.2 dB
Wilson:	52.9 LAeq	108.3 dB

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

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	9.2	10.4	0.0	0.0
Edwards:	2.0	2.2	6.6	7.4
Hollinger Office:	38.3	184.4	41.3	148.8
Sandy:	5.3	6.7	6.1	10.7

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## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	1.0	2.5
Edwards:	0.8	1.3
Hollinger Office:	5.6	12.9
Sandy:	0.6	0.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.6	0.8	0.3
Hollinger West:	0.9	1.5	0.5
Imerys:	1.2	2.2	1.2
Noah:	2.2	1.6	1.5
Moneta Pumping Station:	1.0	0.9	0.5
Sandy:	2.3	3.5	1.6
Water Tower:	4.8	3.8	2.5
Wilson:	2.3	1.8	2.4