

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_132  
**Date:** 12-Jul-18  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1000 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 13 km/hr  
Wind Direction: S  
Temperature: 25.1 °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:	53.8 LAeq	119.0 dB
Edwards:	48.1 LAeq	111.0 dB
Fred:	43.6 LAeq	101.9 dB
Hollinger Office:	56.2 LAeq	121.0 dB
Noah:	61.1 LAeq	118.3 dB
Sandy:	51.8 LAeq	128.5 dB
Water Tower:	51.2 LAeq	128.4 dB
Wilson:	51.4 LAeq	121.1 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:	45.4	54.1	52.4	61.3
Edwards:	18.9	22.8	91.6	111.0
Hollinger Office:	38.4	70.6	119.2	200.4
Sandy:	21.9	29.3	79.5	96.7

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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:	2.5	6.2
Edwards:	0.9	2.7
Hollinger Office:	3.9	9.6
Sandy:	1.2	2.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.5	0.4	0.8
Imerys:	0.4	0.4	0.5
Noah:	0.5	0.4	0.7
Moneta Pumping Station:	0.7	0.5	0.9
Sandy:	4.0	2.1	5.2
Water Tower:	1.0	0.6	1.1
Wilson:	1.4	2.0	1.5