

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_138/137B  
**Date:** 10-Aug-18  
**Blast Time:** 15:47  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000 ft  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: S  
Temperature: 27.8 °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:	55.1 LAeq	101.0	dB
Edwards:	48.3 LAeq	99.6	dB
Fred:	44.6 LAeq	99.6	dB
Hollinger Office:	56.3 LAeq	103.5	dB
Noah:	61.3 LAeq	102.4	dB
Sandy:	47.8 LAeq	105.5	dB
Water Tower:	48.5 LAeq	112.8	dB
Wilson:	49.4 LAeq	108.0	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:	10.2	12.1	13.8	21.1
Edwards:	11.6	15.9	22.8	37.2
Hollinger Office:	39.7	60.9	43.3	82.6
Sandy:	16.2	25.7	12.3	24.4

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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:	1.8	2.5
Edwards:	1.8	3.9
Hollinger Office:	3.5	7.7
Sandy:	0.7	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.8	0.7	0.5
Imerys:	0.2	0.2	0.4
Noah:	0.2	0.5	0.2
Moneta Pumping Station:	0.5	0.5	0.5
Sandy:	3.4	3.1	4.2
Water Tower:	0.8	0.3	0.7
Wilson:	1.6	1.9	2.4