

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_245, 237 & 3358\_163 PreShear C&D  
**Date:** 28-May-18  
**Blast Time:** 11:54  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 20000 ft  
Boundary Layer Height: none m  
Cloud Cover: 75% Cloudy  
Wind Speed: 11 km/hr  
Wind Direction: W  
Temperature: 23 °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:	56.2 LAeq	110.1 dB
Edwards:	50.0 LAeq	101.4 dB
Fred:	44.2 LAeq	100.3 dB
Hollinger Office:	56.2 LAeq	114.4 dB
Noah:	61.0 LAeq	110.2 dB
Sandy:	47.8 LAeq	107.7 dB
Water Tower:	48.3 LAeq	115.7 dB
Wilson:	48.1 LAeq	99.5 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:	15.4	16.6	46.7	48.1
Edwards:	18.7	58.6	55.3	269.0
Hollinger Office:	23.8	57.0	40.0	121.5
Sandy:	9.4	11.1	24.2	30.3

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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:	2.6	4.8
Edwards:	6.4	15.5
Hollinger Office:	4.9	12.8
Sandy:	2.2	4.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.0	2.0	1.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.6	0.6	0.8
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.2	0.3	0.3
Sandy:	1.3	1.1	1.2
Water Tower:	0.4	0.2	0.3
Wilson:	0.4	0.3	0.6