

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_093  
**Date:** 17-Jun-16  
**Blast Time:** 15:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144  
Boundary Layer Height: none  
Cloud Cover: 0% Clear  
Wind Speed: 6 km/hr  
Wind Direction: N  
Temperature: 9.4 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.6 LAeq	102.1 dB
Edwards:	52.4 LAeq	97.8 dB
Fred:	42.9 LAeq	95.9 dB
Hollinger Office:	60.6 LAeq	106.0 dB
Noah:	60.0 LAeq	102.0 dB
Sandy:	50.8 LAeq	97.7 dB
Water Tower:	44.3 LAeq	106.4 dB
Wilson:	49.4 LAeq	97.3 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:	2.0	2.3	2.3	3.2
Edwards:	0.0	0.0	0.0	0.0
Hollinger Office:	4.4	6.4	6.6	10.8
Hollinger Park:	22.2	43.0	17.2	29.6
Sandy:	5.9	13.0	7.8	15.8

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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:	0.1	0.3
Edwards:	0.0	0.0
Hollinger Office:	1.5	3.5
Hollinger Park:	1.1	1.9
Sandy:	0.7	0.9

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.6
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.2	0.7
Hollinger West:	0.1	0.2	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.7	1.6	1.0
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.4	0.2
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.3	0.6