

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_074  
**Date:** 12-Jun-16  
**Blast Time:** 15:30  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 975  
Boundary Layer Height: none  
Cloud Cover: 75% Cloudy  
Wind Speed: 26 km/hr  
Wind Direction: N  
Temperature: 18.4 °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:	57.7 LAeq	110.3 dB
Edwards:	55.2 LAeq	116.6 dB
Fred:	54.7 LAeq	116.9 dB
Hollinger Office:	68.2 LAeq	114.1 dB
Noah:	61.7 LAeq	114.4 dB
Sandy:	70.8 LAeq	118.8 dB
Water Tower:	56.5 LAeq	122.5 dB
Wilson:	55.1 LAeq	114.2 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:	4.5	4.8	8.3	9.2
Edwards:	2.7	2.9	8.1	10.9
Hollinger Office:	7.0	7.3	6.4	8.1
Hollinger Park:	5.8	6.4	11.1	15.1
Sandy:	11.3	14.0	22.8	27.2

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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:	0.4	1.0
Edwards:	0.0	0.0
Hollinger Office:	1.3	1.8
Hollinger Park:	1.1	4.5
Sandy:	4.6	16.7

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

**Vibration Alert: No exceedances recorded.**

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