

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_072  
**Date:** 9-Jun-16  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 30000m  
Boundary Layer Height: none  
Cloud Cover: 0% Clear  
Wind Speed: 15 km/hr  
Wind Direction: NW  
Temperature: 12.1 °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: Extencicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.4 LAeq	115.3 dB
Edwards:	61.0 LAeq	107.9 dB
Fred:	48.7 LAeq	111.2 dB
Hollinger Office:	59.3 LAeq	112.2 dB
Noah:	61.2 LAeq	111.1 dB
Sandy:	55.1 LAeq	109.9 dB
Water Tower:	59.5 LAeq	122.0 dB
Wilson:	50.3 LAeq	109.7 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:	4.8	5.0	8.5	10.2
Edwards:	6.9	7.5	12.9	17.8
Hollinger Office:	12.2	15.1	13.1	17.7
Hollinger Park:	23.0	24.9	35.8	46.3
Sandy:	5.8	6.2	14.2	20.0

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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:	1.1	1.6
Edwards:	0.0	0.0
Hollinger Office:	1.8	2.1
Hollinger Park:	1.7	2.7
Sandy:	1.6	3.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	0.7	1
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.4	0.6
Hollinger West:	0.1	0.2	0.2
Imerys:	0.2	0.3	0.4
Noah:	0.8	0.2	0.6
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.2	0.4	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.8	0.3	0.7