

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_144  
**Date:** 30-Jul-16  
**Blast Time:** 11:43  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:49

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 2.2 km/hr  
Wind Direction: NW  
Temperature: 23.8 °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:	54.3 LAeq	107.2 dB
Edwards:	64.6 LAeq	102.8 dB
Fred:	43.7 LAeq	95.0 dB
Hollinger Office:	56.2 LAeq	113.7 dB
Noah:	59.4 LAeq	103.0 dB
Sandy:	57.3 LAeq	103.0 dB
Water Tower:	52.6 LAeq	108.4 dB
Wilson:	50.5 LAeq	97.0 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:	5.9	7.2	17.1	18.5
Edwards:	7.5	8.8	17.3	21.1
Hollinger Office:	11.2	20.1	80.7	89.8
Hollinger Park:	5.7	6.2	12.2	15.9
Sandy:	5.2	7.2	48.8	55.5

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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:	0.6	1.7
Edwards:	0.6	1.9
Hollinger Office:	1.9	4.6
Hollinger Park:	0.6	1.1
Sandy:	0.2	0.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.0	0.5	1.8
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.2	0.4
Noah:	0.7	0.5	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.5	0.2
Water Tower:	0.3	0.2	0.4
Wilson:	0.9	0.3	0.8