

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_095  
**Date:** 20-May-16  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 6705 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: W  
Temperature: 21.8 °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:	55.4 LAeq	106.1 dB
Edwards:	50.5 LAeq	105.8 dB
Fred:	44.0 LAeq	100.0 dB
Hollinger Office:	60.3 LAeq	111.0 dB
Noah:	61.3 LAeq	106.4 dB
Sandy:	48.5 LAeq	103.1 dB
Water Tower:	58.7 LAeq	112.4 dB
Wilson:	48.7 LAeq	105.0 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:	n/a	n/a	6.6	9.2
Edwards:	23.4	50.5	38.7	117.2
Hollinger Office:	39.0	58.5	47.1	97.0
Hollinger Park:	24.0	36.9	37.3	62.3
Sandy:	9.1	10.6	12.7	16.2

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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:	2.5	4.9
Edwards:	7.3	28.0
Hollinger Office:	5.2	8.0
Hollinger Park:	0.0	0.0
Sandy:	0.7	1.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	1.2
Edwards:	0.2	0.4	0.4
Hollinger Office:	1.2	0.4	1.4
Hollinger West:	1.6	0.2	0.4
Imerys:	0.4	0.3	0.5
Noah:	0.7	0.5	0.8
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	0.4	0.6	0.3
Water Tower:	0.3	0.2	0.6
Wilson:	0.9	0.6	0.7