

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_061B  
**Date:** 18-May-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 5.5 km/hr  
Wind Direction: N  
Temperature: 15.2 °C

## Noise Levels ( $L_{Aeq}$ ) – 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:	59.1 LAeq	104.9 dB
Edwards:	57.0 LAeq	100.7 dB
Fred:	42.2 LAeq	97.1 dB
Hollinger Office:	67.1 LAeq	115.2 dB
Noah:	59.4 LAeq	105.5 dB
Sandy:	64.7 LAeq	102.3 dB
Water Tower:	45.2 LAeq	112.7 dB
Wilson:	50.4 LAeq	98.9 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – 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:	12.5	12.8	5.4	6.5
Edwards:	7.3	8.4	10.0	14.6
Hollinger Office:	9.0	15.0	12.4	31.9
Hollinger Park:	9.7	13.3	14.7	24.9
Sandy:	4.9	7.9	9.5	22.2

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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:	1.7	2.8
Edwards:	1.7	2.4
Hollinger Office:	3.6	5.9
Hollinger Park:	1.0	5.8
Sandy:	3.4	14.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.4	0.6
Hollinger West:	1.5	0.1	0.2
Imerys:	0.4	0.4	0.4
Noah:	0.4	0.2	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.1	0.4	0.1
Water Tower:	0.2	0.1	0.3
Wilson:	0.9	0.3	0.4