

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_078  
**Date:** 3-Jun-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 853 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 3.6 km/hr  
Wind Direction: W  
Temperature: 13.3 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.0 LAeq	110.6 dB
Edwards:	55.3 LAeq	105.5 dB
Fred:	45.3 LAeq	99.2 dB
Hollinger Office:	59.8 LAeq	118.4 dB
Noah:	62.7 LAeq	106.6 dB
Sandy:	64.5 LAeq	111.3 dB
Water Tower:	60.4 LAeq	114.0 dB
Wilson:	50.2 LAeq	102.4 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:	3.1	3.2	7.2	9.3
Edwards:	4.9	5.7	5.0	7.6
Hollinger Office:	7.6	9.9	6.7	11.4
Hollinger Park:	7.8	9.8	12.2	19.5
Sandy:	2.7	3.0	9.3	10.3

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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	1.0
Edwards:	0.4	1.7
Hollinger Office:	2.2	4.0
Hollinger Park:	1.4	2.9
Sandy:	1.7	2.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.3	0.6
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	0.4	0.5	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	1.4	0.6	1.5