

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_082  
**Date:** 14-May-16  
**Blast Time:** 11:42  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 183 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 14.3 km/hr  
Wind Direction: SE  
Temperature: 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:	56.6 LAeq	105.6 dB
Edwards:	63.6 LAeq	105.0 dB
Fred:	46.3 LAeq	109.3 dB
Hollinger Office:	59.9 LAeq	107.0 dB
Noah:	59.8 LAeq	105.7 dB
Sandy:	66.4 LAeq	108.7 dB
Water Tower:	49.5 LAeq	115.4 dB
Wilson:	47.7 LAeq	104.7 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:	8.9	9.2	0.0	0.0
Edwards:	2.4	2.8	1.5	3.3
Hollinger Office:	8.4	11.0	3.7	10.6
Hollinger Park:	7.6	11.0	7.2	18.1
Sandy:	5.5	7.5	1.9	5.5

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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:	0.7	1.0
Edwards:	0.7	0.9
Hollinger Office:	1.2	1.9
Hollinger Park:	1.2	3.0
Sandy:	0.6	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.4	0.5
Hollinger West:	1.8	0.2	0.3
Imerys:	0.4	0.3	0.6
Noah:	0.5	0.3	0.7
Moneta Pumping Station:	1.0	1.2	1.4
Sandy:	1.1	0.9	1.3
Water Tower:	0.6	0.3	1.0
Wilson:	1.4	1.8	1.7