

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_089  
**Date:** 26-May-16  
**Blast Time:** 11:41  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 3657 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (rain)  
Wind Speed: 8 km/hr  
Wind Direction: E  
Temperature: 10.3 °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: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	56.4 LAeq	101.2 dB
Edwards:	51.9 LAeq	100.5 dB
Fred:	45.9 LAeq	103.7 dB
Hollinger Office:	64.9 LAeq	111.6 dB
Noah:	60.0 LAeq	110.7 dB
Sandy:	50.4 LAeq	109.4 dB
Water Tower:	62.3 LAeq	116.2 dB
Wilson:	53.4 LAeq	103.2 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:	0.0	0.0	7.8	9.3
Edwards:	6.5	7.9	13.1	14.5
Hollinger Office:	9.7	12.1	14.6	23.3
Hollinger Park:	67.1	310.9	102.0	886.6
Sandy:	9.8	10.9	11.1	13.8

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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:	2.3	4.1
Edwards:	3.0	5.5
Hollinger Office:	6.8	12.2
Hollinger Park:	16.9	94.2
Sandy:	2.6	18.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.2	0.2	0.4
Hollinger Office:	2.3	0.5	3.2
Hollinger West:	0.0	0.0	0.0
Imerys:	1.5	1.1	1.1
Noah:	0.9	0.7	1.3
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	0.7	0.7	0.6
Water Tower:	3.8	1.3	2.9
Wilson:	0.0	0.0	0.0