

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_024 and 3376\_025  
**Date:** 25-May-15  
**Blast Time:** 16:03  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:15

## Blast Conditions

Ceiling Height: 2180 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: 17.2 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.8 LAeq	103.2 dB
Edwards:	52.4 LAeq	104.2 dB
Fred:	48.6 LAeq	106.7 dB
Hollinger Office:	68.3 LAeq	112.2 dB
Noah:	62.1 LAeq	109.5 dB
Sandy:	61.0 LAeq	100.8 dB
Water Tower:	67.3 LAeq	116.4 dB
Wilson:	58.4 LAeq	101.9 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:	15.1	17.5	23.5	29.4
Edwards:	14.0	14.6	20.7	23.0
Hollinger Office:	33.4	48.1	35.8	69.4
Hollinger Park:	24.1	90.4	37.9	147.7
Sandy:	14.9	17.4	30.9	35.1

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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:	0.9	2.2
Edwards:	1.5	2.1
Hollinger Office:	29.7	97.1
Hollinger Park:	4.0	28.8
Sandy:	1.2	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.6	0.2	0.7
Hollinger West:	0.1	0.1	0.2
Imerys:	0.7	0.5	0.7
Noah:	0.7	0.5	0.9
Moneta Pumping Station:	0.2	0.3	0.4
Sandy:	1.1	1,6	0.9
Water Tower:	0.7	0.2	0.7
Wilson:	0.3	0.4	0.4