

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_004  
**Date:** 11-Mar-15  
**Blast Time:** 11:35  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1110m  
Boundary Layer Height: 700m  
Cloud Cover: 100% Overcast  
Wind Speed: 5 km/hr  
Wind Direction: W  
Temperature: - 2.8 °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:	51.4 LAeq	53.5 dB
Edwards:	55.9 LAeq	48.8 dB
Fred:	44.0 LAeq	44.0 dB
Hollinger Office:	59.6 LAeq	58.0 dB
Noah:	62.3 LAeq	60.7 dB
Sandy:	56.7 LAeq	57.4 dB
Water Tower:	51.7 LAeq	54.0 dB
Wilson:	59.5 LAeq	57.5 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:	7.7	8.6	14.3	15.3
Edwards:	4.2	6.4	8.8	15.2
Hollinger Office:	10.8	24.5	16.2	45.1
Hollinger Park:	3.6	4.4	11.6	14.7
Sandy:	3.2	4.9	8.6	15.7

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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:	1.4	3.0
Edwards:	17.5	30.1
Hollinger Office:	5.9	8.8
Hollinger Park:	9.9	14.2
Sandy:	3.9	10.2

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards Temp:	0.0	0.1	0.0
Hollinger Office:	0.0	0.1	0.1
Hollinger West:	0.3	0.2	0.4
Imerys:	0.1	0.1	0.1
Noah:	0.1	0.2	0.1
Moneta Pumping Station:	0.0	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.1	0.2	0.2