

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_055  
**Date:** 9-Jun-15  
**Blast Time:** 15:43:00 PM  
**Blast Sign Activation:** 11:50  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2000 m  
Boundary Layer Height: none m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 7 km/hr  
Wind Direction: NW  
Temperature: 21.6 °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:	55.7 LAeq	95.5 dB
Edwards:	58.8 LAeq	103.6 dB
Fred:	49.5 LAeq	102.8 dB
Hollinger Office:	61.6 LAeq	103.4 dB
Noah:	60.9 LAeq	99.0 dB
Sandy:	55.3 LAeq	108.2 dB
Water Tower:	64.0 LAeq	103.8 dB
Wilson:	53.5 LAeq	105.9 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:	11.3	12.1	7.2	9.6
Edwards:	19.8	50.1	21.9	69.3
Hollinger Office:	10.0	10.9	13.7	18.5
Hollinger Park:	16.0	25.1	26.4	49.2
Sandy:	8.6	15.5	16.8	49.8

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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:	0.3	0.6
Edwards:	5.2	14.8
Hollinger Office:	3.4	4.0
Hollinger Park:	3.5	9.3
Sandy:	11.0	42.0

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

**Vibration Alert: Exceeded 12.5mm/s at Imerys Station (Under Investigation)**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	0.2	0.1	0.3
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	1.2	1.0	0.9
Sandy:	4.6	8.5	3.9
Water Tower:	0.6	0.2	0.7
Wilson:	1	0.7	0.7