

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_019A  
**Date:** 12-Apr-15  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 4000 m  
Boundary Layer Height: 780 m  
Cloud Cover: 0% Clear  
Wind Speed: 17 km/hr  
Wind Direction: S  
Temperature: 13.4 °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:	54.2 LAeq	55.9 dB
Edwards:	55.4 LAeq	54.5 dB
Fred:	44.2 LAeq	45.5 dB
Hollinger Office:	54.0 LAeq	56.9 dB
Noah:	60.7 LAeq	63.0 dB
Sandy:	52.4 LAeq	48.8 dB
Water Tower:	52.7 LAeq	53.1 dB
Wilson:	50.8 LAeq	52.3 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:	11.5	12.5	21.2	22.6
Edwards:	4.6	5.4	16.3	21.1
Hollinger Office:	14.0	14.5	18.4	20.1
Hollinger Park:	14.3	21.6	6.1	9.5
Sandy:	5.4	5.6	19.8	22.8

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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:	0.7	0.8
Edwards:	8.5	26.9
Hollinger Office:	3.4	8.4
Hollinger Park:	0.0	0.0
Sandy:	1.5	2.1

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

**Vibration Alert: Alert at Sandy: Maximum is 6.96 mm/s during the period 12/04/2015 11:40:34 AM - 12/04/2015 11:40:34 AM**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.3	0.2
Imerys:	0.2	0.3	0.2
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	1.7	1.6	1.8
Sandy:	7.0	4.4	3.9
Water Tower:	0.2	0.2	0.2
Wilson:	0.6	0.7	1.1



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04/2015 11:40:37 AM