

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_086/069/070B  
**Date:** 21-Oct-15  
**Blast Time:** 11:42  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 3627 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 20 km/hr  
Wind Direction: SE  
Temperature: 1 °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:	54.9 LAeq	103.6 dB
Edwards:	54.2 LAeq	105.6 dB
Fred:	46.6 LAeq	108.4 dB
Hollinger Office:	65.2 LAeq	111.9 dB
Noah:	60.2 LAeq	108.4 dB
Sandy:	56.5 LAeq	107.8 dB
Water Tower:	58.2 LAeq	109.1 dB
Wilson:	60.2 LAeq	109.1 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:	5.6	6.4	11.9	13.6
Edwards:	5.0	6.0	18.5	20.1
Hollinger Office:	15.0	53.8	15.2	51.4
Hollinger Park:	17.5	24.5	18.0	35.2
Sandy:	7.7	9.1	5.3	7.9

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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:	0.8	1.6
Edwards:	0.8	1.4
Hollinger Office:	5.9	11.0
Hollinger Park:	6.8	14.1
Sandy:	0.7	1.5

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

**Vibration Alert: Exceedances recorded at Moneta Pumping Station and Sandy. Investigation has been cor**

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



pleted.