

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_108  
**Date:** 15-Sep-15  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: none m  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 7.8 km/hr  
Wind Direction: N  
Temperature: 26.7 °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:	54.3 LAeq	103.4 dB
Edwards:	56.1 LAeq	109.7 dB
Fred:	46.0 LAeq	103.0 dB
Hollinger Office:	58.2 LAeq	106.9 dB
Noah:	61.8 LAeq	109.6 dB
Sandy:	53.9 LAeq	108.8 dB
Water Tower:	51.2 LAeq	105.9 dB
Wilson:	56.0 LAeq	102.9 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:	13.8	15.0	18.3	27.7
Edwards:	14.3	18.5	27.8	38.1
Hollinger Office:	25.5	30.5	42.3	49.5
Hollinger Park:	24.8	36.8	39.3	64.0
Sandy:	20.7	27.5	54.0	70.6

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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:	2.1	4.8
Edwards:	1.1	1.7
Hollinger Office:	6.6	13.0
Hollinger Park:	8.1	49.2
Sandy:	1.6	2.6

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.4	0.3	0.3
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	2.6	2.2	2.8
Water Tower:	1.0	0.2	0.4
Wilson:	0.6	0.5	0.6