

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_111  
**Date:** 29-Sep-15  
**Blast Time:** 15:45  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 18 km/hr  
Wind Direction: N  
Temperature: 11.2 °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:	58.0 LAeq	109.4 dB
Edwards:	56.7 LAeq	101.9 dB
Fred:	48.1 LAeq	108.9 dB
Hollinger Office:	65.9 LAeq	112.3 dB
Noah:	62.1 LAeq	104.3 dB
Sandy:	53.8 LAeq	107.1 dB
Water Tower:	51.6 LAeq	113.2 dB
Wilson:	53.2 LAeq	107.2 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:	2.7	3.1	8.4	9.4
Edwards:	3.5	4.3	3.8	5.2
Hollinger Office:	2.5	4.3	4.4	8.0
Hollinger Park:	9.2	11.1	14.2	20.4
Sandy:	9.0	18.8	10.2	27.9

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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:	0.3	0.7
Edwards:	0.9	1.4
Hollinger Office:	2.7	4.3
Hollinger Park:	3.6	7.1
Sandy:	6.5	18.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.2
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.3	0.1	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.3	0.2	0.2
Moneta Pumping Station:	1.3	0.5	0.9
Sandy:	2.4	2.5	2.0
Water Tower:	0.4	0.1	0.8
Wilson:	0.6	0.4	0.4