

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_107  
**Date:** 01-Oct-15  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: None m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 0 km/hr  
Wind Direction: N  
Temperature: 6.1 °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:	56.4 LAeq	99.9 dB
Edwards:	50.9 LAeq	100.0 dB
Fred:	44.8 LAeq	100.6 dB
Hollinger Office:	60.9 LAeq	101.8 dB
Noah:	60.7 LAeq	102.4 dB
Sandy:	55.8 LAeq	102.1 dB
Water Tower:	53.0 LAeq	101.2 dB
Wilson:	54.1 LAeq	101.5 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:	3.1	3.4	9.5	10.4
Edwards:	4.2	4.9	4.6	7.0
Hollinger Office:	5.9	11.8	6.0	14.3
Hollinger Park:	8.9	17.5	8.5	28.5
Sandy:	22.8	98.2	25.6	133.2

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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:	0.6	1.2
Edwards:	2.1	4.4
Hollinger Office:	2.9	5.3
Hollinger Park:	1.3	2.7
Sandy:	32.9	62.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.8	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	1.2	1.8	1.7
Water Tower:	0.2	0.1	0.1
Wilson:	0.4	0.3	0.4