

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_110  
**Date:** 17-Oct-15  
**Blast Time:** 11:43  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 549 m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: NW  
Temperature: -0.7 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	56.1 LAeq	103.3 dB
Edwards:	55.8 LAeq	98.0 dB
Fred:	44.8 LAeq	103.0 dB
Hollinger Office:	56.6 LAeq	103.0 dB
Noah:	61.6 LAeq	99.8 dB
Sandy:	58.2 LAeq	107.4 dB
Water Tower:	63.7 LAeq	113.2 dB
Wilson:	48.5 LAeq	99.8 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	2.5	2.8	5.9	6.5
Edwards:	1.8	2.2	12.6	13.9
Hollinger Office:	0.3	1.0	0.6	1.0
Hollinger Park:	3.7	4.1	1.5	2.3
Sandy:	1.7	1.9	0.1	0.3

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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	1.3
Edwards:	0.4	0.6
Hollinger Office:	2.8	3.5
Hollinger Park:	3.6	7.8
Sandy:	1.3	1.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.3	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	1.1	0.5	0.9
Sandy:	2.1	1.7	1.8
Water Tower:	0.4	0.2	0.6
Wilson:	0.6	0.3	0.4