

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_131 B  
**Date:** 18-Oct-15  
**Blast Time:** 15:40  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 975 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 2 km/hr  
Wind Direction: SW  
Temperature: -2.2 °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: Extencicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.5 LAeq	102.6 dB
Edwards:	55.5 LAeq	101.2 dB
Fred:	44.3 LAeq	94.1 dB
Hollinger Office:	55.0 LAeq	104.4 dB
Noah:	60.7 LAeq	101.6 dB
Sandy:	55.9 LAeq	106.1 dB
Water Tower:	64.4 LAeq	104.6 dB
Wilson:	45.9 LAeq	98.2 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:	3.2	3.7	8.3	9.2
Edwards:	3.0	3.9	14.9	19.7
Hollinger Office:	13.0	39.4	7.7	26.2
Hollinger Park:	9.8	11.8	9.3	14.1
Sandy:	3.2	4.3	1.7	4.3

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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:	1.6	2.8
Edwards:	3.3	6.1
Hollinger Office:	4.8	10.7
Hollinger Park:	1.7	2.7
Sandy:	0.7	1.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1	0.3	0.5
Edwards:	0.5	0.4	0.5
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.1	0.3
Imerys:	0.4	0.2	0.4
Noah:	0.4	0.3	0.5
Moneta Pumping Station:	1.3	0.5	1
Sandy:	3.3	1.5	3.7
Water Tower:	0.3	0.2	0.5
Wilson:	1	0.7	0.7