

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_009  
**Date:** 16-Nov-15  
**Blast Time:** 11:38  
**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: 6 km/hr  
Wind Direction: E  
Temperature: 0.3 °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:	55.8 LAeq	106.2 dB
Edwards:	49.8 LAeq	102.9 dB
Fred:	43.6 LAeq	88.7 dB
Hollinger Office:	58.0 LAeq	110.5 dB
Noah:	64.3 LAeq	102.4 dB
Sandy:	57.8 LAeq	103.3 dB
Water Tower:	56.9 LAeq	104.2 dB
Wilson:	50.6 LAeq	98.9 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.4	3.7	3.8	4.5
Edwards:	14.5	61.4	29.7	120.0
Hollinger Office:	5.3	8.8	8.6	15.0
Hollinger Park:	6.1	10.5	10.3	22.1
Sandy:	2.3	3.5	4.6	9.0

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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:	1.3	1.9
Edwards:	2.6	3.0
Hollinger Office:	3.5	6.7
Hollinger Park:	6.0	7.3
Sandy:	6.8	12.5

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

**Vibration Alert: No exceedances recorded**

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