

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_085  
**Date:** 20-Sep-15  
**Blast Time:** 11:36  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 756 m  
Boundary Layer Height: None m  
Cloud Cover: 75% Cloudy  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: 7.1 °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

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	56.6 LAeq	110.1 dB
Edwards:	55.6 LAeq	108.9 dB
Fred:	45.7 LAeq	103.1 dB
Hollinger Office:	70.4 LAeq	107.0 dB
Noah:	58.5 LAeq	101.4 dB
Sandy:	56.8 LAeq	110.2 dB
Water Tower:	49.6 LAeq	106.6 dB
Wilson:	48.7 LAeq	102.5 dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.9	8.6	9.4
Edwards:	6.8	9.0	10.5	16.3
Hollinger Office:	48.9	78.0	30.6	50.0
Hollinger Park:	5.6	6.4	9.4	11.3
Sandy:	3.6	4.0	5.0	6.2

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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:	3.5	6.1
Edwards:	9.1	17.8
Hollinger Office:	8.1	13.8
Hollinger Park:	1.1	2.4
Sandy:	0.6	0.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.3	0.3	0.5
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	1.2	0.6	0.9
Sandy:	3.3	3.6	3.0
Water Tower:	0.8	0.2	0.9
Wilson:	0.6	0.5	0.7