

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_081  
**Date:** 30-Dec-15  
**Blast Time:** 11:31  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 124 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 2.5 km/hr  
Wind Direction: NW  
Temperature: -13.4 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due blast sirens.**

### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L <sub>Aeq</sub>	L <sub>peak</sub> dB
Comfort Inn:	49.4 LAeq	102.0 dB
Edwards:	50.3 LAeq	99.0 dB
Fred:	40.5 LAeq	101.4 dB
Hollinger Office:	53.7 LAeq	103.1 dB
Noah:	57.6 LAeq	99.0 dB
Sandy:	57.2 LAeq	105.0 dB
Water Tower:	48.3 LAeq	103.8 dB
Wilson:	43.6 LAeq	99.2 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:	9.5	11.8	11.0	14.0
Edwards:	9.4	11.6	16.6	20.4
Hollinger Office:	12.9	15.9	12.4	21.0
Hollinger Park:	8.4	8.8	9.9	11.5
Sandy:	11.6	12.6	8.1	9.7

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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:	23.9	33.7
Edwards:	27.9	48.0
Hollinger Office:	18.1	22.8
Hollinger Park:	15.1	18.8
Sandy:	13.1	15.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.5	0.3
Edwards:	0.3	0.5	0.3
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.4	0.2
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.8	0.5	0.5
Sandy:	2.2	3.6	3.3
Water Tower:	0.4	0.3	0.3
Wilson:	0.6	0.6	0.8