

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_098  
**Date:** 13-Oct-15  
**Blast Time:** 15:52  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1062 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 24 km/hr  
Wind Direction: NW  
Temperature: 5.5 °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: Extencicare

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	60.5 LAeq	114.8 dB
Edwards:	62.6 LAeq	111.0 dB
Fred:	52.6 LAeq	112.8 dB
Hollinger Office:	62.1 LAeq	116.4 dB
Noah:	64.2 LAeq	114.1 dB
Sandy:	61.2 LAeq	118.6 dB
Water Tower:	58.1 LAeq	121.5 dB
Wilson:	55.9 LAeq	123.4 dB

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

**Dust Alert: Faulty TSP Sensor at Edwards.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	2.6	7.1	7.5
Edwards:	2.8	3.2	168504.3	168964.0
Hollinger Office:	0.2	0.5	1.2	2.3
Hollinger Park:	5.2	5.5	2.5	3.3
Sandy:	3.4	3.9	1.5	2.4

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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:	0.6	1.5
Edwards:	1.0	1.4
Hollinger Office:	2.5	3.4
Hollinger Park:	3.7	5.6
Sandy:	2.6	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.1	0.6
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.7	0.2	0.5
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.8	0.3	0.6
Sandy:	1.0	0.9	1.0
Water Tower:	0.2	0.1	0.5
Wilson:	0.4	0.3	0.3