

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_038  
**Date:** 07-May-15  
**Blast Time:** 11:36  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 9:00

## Blast Conditions

Ceiling Height: none m  
Boundary Layer Height: 490 m  
Cloud Cover: 0% Clear  
Wind Speed: 9 km/hr  
Wind Direction: S  
Temperature: 20.5 °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

	$L_{Aeq}$		$L_{peak}$ dB	
Comfort Inn:	55.5	LAeq	98.8	dB
Edwards:	52.2	LAeq	99.6	dB
Fred:	48.5	LAeq	101.2	dB
Hollinger Office:	60.1	LAeq	105.4	dB
Noah:	59.9	LAeq	100.2	dB
Sandy:	53.5	LAeq	96.8	dB
Water Tower:	52.1	LAeq	118.0	dB
Wilson:	51.5	LAeq	101.8	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:	12.1	12.8	20.4	22.6
Edwards:	13.0	21.8	22.2	47.6
Hollinger Office:	27.3	45.0	38.7	75.2
Hollinger Park:	42.4	100.7	59.7	145.7
Sandy:	15.8	20.5	38.3	48.4

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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:	0.4	0.7
Edwards:	3.1	11.0
Hollinger Office:	2.8	5.8
Hollinger Park:	3.3	6.6
Sandy:	1.3	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.2	0.1	0.3
Imerys:	0.2	0.1	0.3
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	1.7	1.4	1.8
Sandy:	2.1	3.5	3.2
Water Tower:	0.3	0.1	0.3
Wilson:	0.4	0.4	0.3