

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_016  
**Date:** 05-May-15  
**Blast Time:** 11:35  
**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: 8 km/hr  
Wind Direction: W  
Temperature: 15 °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

	$L_{Aeq}$		$L_{peak}$ dB	
Comfort Inn:	59.1	LAeq	109.9	dB
Edwards:	52.6	LAeq	110.7	dB
Fred:	49.0	LAeq	108.7	dB
Hollinger Office:	67.7	LAeq	114.2	dB
Noah:	61.6	LAeq	113.7	dB
Sandy:	51.9	LAeq	103.6	dB
Water Tower:	52.0	LAeq	119.5	dB
Wilson:	51.5	LAeq	110.2	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:	10.6	12.1	21.3	23.8
Edwards:	14.8	18.6	29.4	43.1
Hollinger Office:	50.4	87.1	71.3	143.9
Hollinger Park:	45.4	71.2	65.0	89.5
Sandy:	7.6	14.6	24.1	58.4

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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:	1.2	1.5
Edwards:	5.6	10.3
Hollinger Office:	2.9	3.8
Hollinger Park:	3.2	4.5
Sandy:	5.7	31.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.5	0.2	0.6
Hollinger West:	0.2	0.2	0.3
Imerys:	1	0.4	0.7
Noah:	0.7	0.5	1.2
Moneta Pumping Station:	0.7	0.3	0.6
Sandy:	3.0	1.6	2.4
Water Tower:	0.6	0.3	0.5
Wilson:	0.9	0.5	0.6