

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3394\_079  
**Date:** 10-May-15  
**Blast Time:** 15:37:00 PM  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 0 m  
Boundary Layer Height: 0 m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 15 km/hr  
Wind Direction: NE  
Temperature: 9.9 °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:	53.0	LAeq	104.6	dB
Edwards:	47.6	LAeq	106.7	dB
Fred:	48.8	LAeq	108.8	dB
Hollinger Office:	54.1	LAeq	110.8	dB
Noah:	60.9	LAeq	106.1	dB
Sandy:	66.3	LAeq	107.5	dB
Water Tower:	60.0	LAeq	106.4	dB
Wilson:	51.8	LAeq	106.0	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:	7.1	7.8	16.8	17.7
Edwards:	4.6	5.4	13.6	18.2
Hollinger Office:	7.1	7.8	13.1	16.8
Hollinger Park:	5.4	12.2	23.3	44.5
Sandy:	59.3	337.6	70.2	295.6

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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:	0.2	0.6
Edwards:	0.9	1.2
Hollinger Office:	1.8	4.3
Hollinger Park:	1.3	2.6
Sandy:	13.4	44.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0	0	0
Moneta Pumping Station:	0.8	0.9	1.1
Sandy:	1.8	2.1	1.7
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.4	0.7