

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_032  
**Date:** 30-Jun-15  
**Blast Time:** 15:37:00 PM  
**Blast Sign Activation:** 11:00  
**Website Notification Time:** 11:00

## Blast Conditions

Ceiling Height: 549 m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 15 km/hr  
Wind Direction: N  
Temperature: 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:	58.2	LAeq	103.2	dB
Edwards:	52.4	LAeq	105.3	dB
Fred:	49.8	LAeq	104.2	dB
Hollinger Office:	64.3	LAeq	111.2	dB
Noah:	63.3	LAeq	104.7	dB
Sandy:	57.1	LAeq	103.1	dB
Water Tower:	54.4	LAeq	109.1	dB
Wilson:	50.6	LAeq	104.0	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:	1.6	2.3	7.7	8.6
Edwards:	4.4	5.6	7.7	9.7
Hollinger Office:	12.7	20.2	12.0	22.8
Hollinger Park:	5.0	6.6	8.0	13.2
Sandy:	19.7	93.4	23.5	104.9

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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:	0.7	1.5
Edwards:	1.5	2.2
Hollinger Office:	9.2	16.7
Hollinger Park:	1.8	3.7
Sandy:	40.9	328.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.5	0.2	0.9
Hollinger West:	0.3	0.1	0.2
Imerys:	0.6	0.5	0.7
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.4	1.2	1.0
Water Tower:	0.8	0.3	0.5
Wilson:	0.7	0.4	0.6