

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_031/3388\_125  
**Date:** 27-Jun-15  
**Blast Time:** 15:53:00 AM  
**Blast Sign Activation:** 12:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: n/a m  
Boundary Layer Height: None m  
Cloud Cover: 100% Overcast  
Wind Speed: 7 km/hr  
Wind Direction: NE  
Temperature: 20.4 °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:	52.9	LAeq	99.1	dB
Edwards:	60.2	LAeq	107.2	dB
Fred:	49.1	LAeq	103.5	dB
Hollinger Office:	58.8	LAeq	113.6	dB
Noah:	58.6	LAeq	104.9	dB
Sandy:	61.6	LAeq	103.1	dB
Water Tower:	53.7	LAeq	109.6	dB
Wilson:	50.4	LAeq	104.4	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:	9.1	10.7	17.8	19.5
Edwards:	10.9	13.2	21.7	27.3
Hollinger Office:	33.5	84.7	40.1	147.3
Hollinger Park:	15.4	24.5	29.7	58.5
Sandy:	8.2	13.0	27.4	41.6

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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:	1.1	2.2
Edwards:	1.2	2.4
Hollinger Office:	8.2	38.7
Hollinger Park:	2.0	7.3
Sandy:	0.7	2.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.3	0.3	0.4
Hollinger Office:	4.9	4.9	4.9
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.3	0.7
Noah:	7.9	8.2	7.9
Moneta Pumping Station:	0.9	1.0	0.6
Sandy:	1.4	2.3	1.4
Water Tower:	(Off due to water tower construction)		
Wilson:	0.6	0.6	0.6