

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_056  
**Date:** 15-Jun-15  
**Blast Time:** 15:37:00 AM  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 823 m  
Boundary Layer Height: None m  
Cloud Cover: 75%-Cloudy  
Wind Speed: 9.5 km/hr  
Wind Direction: SW  
Temperature: 22.6 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L <sub>Aeq</sub>		L <sub>peak</sub> dB	
Comfort Inn:	55.9	L <sub>Aeq</sub>	115.9	dB
Edwards:	54.6	L <sub>Aeq</sub>	112.7	dB
Fred:	50.7	L <sub>Aeq</sub>	106.1	dB
Hollinger Office:	59.4	L <sub>Aeq</sub>	125.6	dB
Noah:	60.3	L <sub>Aeq</sub>	116.0	dB
Sandy:	53.3	L <sub>Aeq</sub>	114.1	dB
Water Tower:	55.4	L <sub>Aeq</sub>	119.2	dB
Wilson:	52.5	L <sub>Aeq</sub>	111.6	dB

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.7	8.8	11.1
Edwards:	9.4	12.4	21.9	32.1
Hollinger Office:	17.5	31.2	20.3	34.1
Hollinger Park:	16.7	26.6	25.0	35.4
Sandy:	7.6	10.2	24.6	32.6

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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:	0.6	1.5
Edwards:	5.7	8.4
Hollinger Office:	2.9	4.9
Hollinger Park:	1.9	3.3
Sandy:	0.5	0.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.8	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.3	0.3
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.6	0.9	1.2
Sandy:	4.7	6.4	3.0
Water Tower:	(Off due to water tower construction)		
Wilson:	0.4	0.5	0.4