

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_113  
**Date:** 25-Jun-15  
**Blast Time:** 11:39  
**Blast Sign Activation:** 7:30  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: n/a m  
Boundary Layer Height: None m  
Cloud Cover: 75%-Cloudy  
Wind Speed: 5 km/hr  
Wind Direction: N  
Temperature: 18.6 °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**

	<b>L<sub>aeq</sub></b>		<b>L<sub>peak</sub> dB</b>	
Comfort Inn:	54.3	L <sub>Aeq</sub>	109.1	dB
Edwards:	48.0	L <sub>Aeq</sub>	105.5	dB
Fred:	49.0	L <sub>Aeq</sub>	94.0	dB
Hollinger Office:	72.5	L <sub>Aeq</sub>	118.4	dB
Noah:	62.5	L <sub>Aeq</sub>	109.4	dB
Sandy:	51.5	L <sub>Aeq</sub>	103.7	dB
Water Tower:	50.8	L <sub>Aeq</sub>	115.0	dB
Wilson:	48.8	L <sub>Aeq</sub>	107.4	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:	4.2	4.5	11.7	12.6
Edwards:	6.3	7.7	11.6	14.1
Hollinger Office:	11.9	19.7	14.7	29.9
Hollinger Park:	8.6	11.2	17.6	23.1
Sandy:	5.8	8.7	13.2	18.9

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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:	1.2	2.5
Edwards:	3.8	5.7
Hollinger Office:	6.0	20.7
Hollinger Park:	2.4	3.8
Sandy:	2.7	3.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.5
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.5	0.3
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.6	1.7	1.4
Sandy:	2.2	2.5	2.5
Water Tower:	(Off due to water tower construction)		
Wilson:	0.6	0.4	0.6