

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_114/121  
**Date:** 9-Mar-16  
**Blast Time:** 15:52  
**Blast Sign Activation:** 7:45  
**Website Notification Time:**

## Blast Conditions

Ceiling Height: 508 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast (Rain)  
Wind Speed: 17 km/hr  
Wind Direction: N  
Temperature: °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**

	<b><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	56.3 LAeq	100.9 dB
Edwards:	51.1 LAeq	99.8 dB
Fred:	46.4 LAeq	105.9 dB
Hollinger Office:	63.2 LAeq	108.8 dB
Noah:	59.3 LAeq	103.4 dB
Sandy:	63.0 LAeq	114.8 dB
Water Tower:	LAeq	dB
Wilson:	LAeq	dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	4.5	5.0	0.2	0.6
Edwards:	0.4	0.4	3.9	4.8
Hollinger Office:				
Hollinger Park:				
Sandy:	0.3	0.3	2.1	2.7

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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:	1.0	2.0
Edwards:	3.8	12.2
Hollinger Office:		
Hollinger Park:		
Sandy:	1.5	1.9

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	2.0	0.3	0.5
Imerys:	0.2	0.4	0.1
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	5.3	4.4	1.3
Sandy:	2.5	2.0	1.7
Water Tower:	0.3	0.4	0.3
Wilson:	0.7	0.8	1.1