

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_014  
**Date:** 14-Apr-15  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: None m  
Cloud Cover: 0% Clear  
Wind Speed: 14 km/hr  
Wind Direction: SW  
Temperature: 10.7 °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><math>L_{Aeq}</math></b>	<b><math>L_{peak}</math> dB</b>
Comfort Inn:	56.2 LAeq	58.8 dB
Edwards:	62.4 LAeq	58.2 dB
Fred:	50.9 LAeq	51.9 dB
Hollinger Office:	63.9 LAeq	62.9 dB
Noah:	62.1 LAeq	64.4 dB
Sandy:	51.2 LAeq	53.5 dB
Water Tower:	56.1 LAeq	58.6 dB
Wilson:	53.0 LAeq	55.3 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:	7.7	8.3	18.9	20.6
Edwards:	8.8	12.8	16.5	27.3
Hollinger Office:	32.9	48.3	56.1	83.5
Hollinger Park:	9.6	20.9	6.3	7.0
Sandy:	2.2	2.7	12.2	15.6

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

## 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	1.3
Edwards:	17.0	35.8
Hollinger Office:	6.5	8.3
Hollinger Park:	0.0	0.0
Sandy:	1.2	1.5

## 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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.3	0.5	0.8
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.0	0.8	2.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.4	0.5	0.5