

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3382\_080A  
**Date:** 4-Aug-15  
**Blast Time:** 15:48  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1030 m  
Boundary Layer Height: N/A m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 6 km/hr  
Wind Direction: N  
Temperature: 15.7 °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>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	58.1 LAeq	99.6 dB
Edwards:	54.9 LAeq	96.9 dB
Fred:	48.2 LAeq	106.4 dB
Hollinger Office:	59.9 LAeq	110.5 dB
Noah:	63.8 LAeq	107.5 dB
Sandy:	56.8 LAeq	105.1 dB
Water Tower:	57.7 LAeq	114.7 dB
Wilson:	55.8 LAeq	101.8 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:	3.2	3.6	1.7	3.0
Edwards:	1.7	1.9	4.5	6.5
Hollinger Office:	2.0	2.3	4.1	7.1
Hollinger Park:	1.5	2.4	4.6	7.9
Sandy:	2.5	5.0	201.8	213.9

# 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:	0.5	1.9
Edwards:	0.9	1.4
Hollinger Office:	4.0	7.1
Hollinger Park:	3.1	7.4
Sandy:	21.3	53.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	2.1	1.9	2.2
Sandy:	0.6	0.6	0.7
Water Tower:	0.3	0.1	0.3
Wilson:	0.5	0.5	0.2