

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_184  
**Date:** 2-Oct-16  
**Blast Time:** 11:39  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 6705 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 3 km/hr  
Wind Direction: NW  
Temperature: 12.4 °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**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.1 LAeq	101.7 dB
Edwards:	59.0 LAeq	93.2 dB
Fred:	42.8 LAeq	85.2 dB
Hollinger Office:	56.7 LAeq	104.8 dB
Noah:	66.4 LAeq	103.3 dB
Sandy:	49.5 LAeq	102.3 dB
Water Tower:	48.2 LAeq	107.2 dB
Wilson:	45.9 LAeq	98.1 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	17.1	29.0	18.5	33.4
Edwards:	16.9	22.5	34.3	58.1
Hollinger Office:	15.8	22.9	18.9	27.8
Hollinger Park:	16.9	23.8	18.9	26.6
Sandy:	15.8	21.1	15.3	20.5

# 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:	22.4	46.7
Edwards:	20.7	60.2
Hollinger Office:	11.6	21.1
Hollinger Park:	9.0	17.7
Sandy:	11.9	26.6

## 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:	0.7	0.2	1.1
Hollinger West:	0.3	0.1	0.2
Imerys:	0.5	0.4	0.5
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.4	0.3	0.2
Sandy:	0.3	0.7	0.6
Water Tower:	0.6	0.4	0.8
Wilson:	0.9	0.5	0.7