

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_017  
**Date:** 20-Mar-15  
**Blast Time:** 15:37  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 1190m  
Boundary Layer Height: 100m  
Cloud Cover: 110% Overcast  
Wind Speed: 11 km/hr  
Wind Direction: S  
Temperature: 4.3 °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>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.5 LAeq	103.5 dB
Edwards:	58.9 LAeq	104.6 dB
Fred:	45.9 LAeq	110.4 dB
Hollinger Office:	60.0 LAeq	112.2 dB
Noah:	61.6 LAeq	112.5 dB
Sandy:	53.0 LAeq	105.8 dB
Water Tower:	58.6 LAeq	119.3 dB
Wilson:	52.0 LAeq	108.2 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:	15.5	16.2	25.3	26.8
Edwards:	16.8	23.4	26.8	39.7
Hollinger Office:	38.6	58.3	27.7	46.4
Hollinger Park:	20.2	22.5	27.2	30.6
Sandy:	15.0	16.9	28.7	31.9

# 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:	0.7	1.1
Edwards:	6.6	20.3
Hollinger Office:	10.5	22.3
Hollinger Park:	4.8	8.5
Sandy:	2.0	2.3

## 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 Temp:	0.1	0.1	0.1
Hollinger Office:	0.3	0.4	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.6	0.8
Noah:	0.5	0.7	1.2
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.8	1.0	2.5
Water Tower:	0.4	0.3	0.3
Wilson:	0.5	0.6	0.7