

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3373\_041  
**Date:** 26-Jan-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:45  
**Website Notification Time:** 8:45

## Blast Conditions

Ceiling Height: 1890 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast (Snow)  
Wind Speed: 16 km/hr  
Wind Direction: S  
Temperature: -9.1 °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:	52.6 LAeq	109.1 dB
Edwards:	49.3 LAeq	102.3 dB
Fred:	46.1 LAeq	113.2 dB
Hollinger Office:	57.5 LAeq	113.5 dB
Noah:	61.9 LAeq	106.3 dB
Sandy:	52.4 LAeq	108.2 dB
Water Tower:	50.0 LAeq	118.9 dB
Wilson:	52.3 LAeq	105.8 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:	5.4	7.1	4.4	6.4
Edwards:	1.9	2.1	3.5	4.9
Hollinger Office:	4.0	4.4	5.0	6.7
Hollinger Park:	4.7	5.1	3.6	4.8
Sandy:	9.4	24.6	6.6	10.2

# 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:	1.0	1.4
Edwards:	4.5	7.1
Hollinger Office:	5.6	11.9
Hollinger Park:	4.6	6.5
Sandy:	6.6	12.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.3	0.3	0.1
Hollinger West:	1.6	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.2	0.6
Moneta Pumping Station:	0.3	0.1	0.4
Sandy:	0.3	0.4	0.5
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.6	0.8