

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_082  
**Date:** 7-Nov-17  
**Blast Time:** 13:52  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 8:05

## Blast Conditions

Ceiling Height: 3100 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast (snow)  
Wind Speed: 4.5 km/hr  
Wind Direction: WSW  
Temperature: -2.8 °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:	55.4 LAeq	104.7 dB
Edwards:	47.2 LAeq	101.9 dB
Fred:	42.1 LAeq	92.3 dB
Hollinger Office:	56.2 LAeq	110.8 dB
Noah:	62.2 LAeq	101.7 dB
Sandy:	44.5 LAeq	107.3 dB
Water Tower:	50.1 LAeq	107.9 dB
Wilson:	46.9 LAeq	104.9 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:	7.5	10.0	5.2	11.8
Edwards:	16.5	20.8	20.9	33.3
Hollinger Office:	22.3	38.9	22.4	42.1
Sandy:	8.7	13.1	8.8	13.8

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## 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:	1.2	2.0
Edwards:	4.4	7.7
Hollinger Office:	4.2	6.6
Sandy:	2.3	3.4

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

**Vibration Alert: No exceedances recorded**

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