

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_033/3346\_003PS  
**Date:** 27-Nov-16  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 122 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 5 km/hr  
Wind Direction: SW  
Temperature: -2.4 °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:	50.9 LAeq	107.4 dB
Edwards:	52.7 LAeq	105.1 dB
Fred:	41.1 LAeq	97.6 dB
Hollinger Office:	59.6 LAeq	111.6 dB
Noah:	58.1 LAeq	103.2 dB
Sandy:	50.9 LAeq	118.8 dB
Water Tower:	44.5 LAeq	109.0 dB
Wilson:	46.2 LAeq	105.5 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:	1.5	1.7	5.5	5.8
Edwards:	1.9	2.7	5.4	7.6
Hollinger Office:	2.5	4.0	7.3	10.3
Hollinger Park:	1.4	1.5	4.9	5.8
Sandy:	0.7	1.4	2.9	3.8

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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:	0.8	1.7
Edwards:	7.1	22.2
Hollinger Office:	5.9	11.8
Hollinger Park:	2.3	7.1
Sandy:	1.3	1.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.6
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	1.9	1.0	1.7
Sandy:	1.1	1.1	0.9
Water Tower:	0.4	0.2	0.4
Wilson:	1.4	0.7	1.2