

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_142  
**Date:** 29-Dec-17  
**Blast Time:** 11:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 25000 ft  
Boundary Layer Height: none m  
Cloud Cover: 0% Clear  
Wind Speed: 0 km/hr  
Wind Direction: none  
Temperature: -21.7 °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:	50.4 LAeq	96.9 dB
Edwards:	41.1 LAeq	92.3 dB
Fred:	39.9 LAeq	85.6 dB
Hollinger Office:	53.2 LAeq	106.4 dB
Noah:	59.4 LAeq	102.4 dB
Sandy:	41.9 LAeq	107.7 dB
Water Tower:	47.2 LAeq	120.1 dB
Wilson:	46.7 LAeq	99.7 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	11.9	28.5	6.1	20.2
Edwards:	4.5	5.5	9.6	12.2
Hollinger Office:	7.2	8.9	10.8	13.5
Sandy:	3.9	5.3	9.0	11.4

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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:	7.9	14.0
Edwards:	10.1	14.8
Hollinger Office:	27.2	40.8
Sandy:	7.8	15.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	1.0	0.8	1.1
Hollinger West:	0.2	0.3	0.1
Imerys:	2.0	3.2	1.3
Noah:	1.4	1.3	1.3
Moneta Pumping Station:	0.1	0.1	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	1.3	2.4	2.3
Wilson:	0.6	0.5	0.4