

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_068 / 3364\_224CPS/3364\_222ABPS  
**Date:** 14-Dec-17  
**Blast Time:** 11:40  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:10

## Blast Conditions

Ceiling Height:	1900	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (snow)
Wind Speed:	4.5	km/hr
Wind Direction:	W	
Temperature:	-19.7	°C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	52.2 LAeq	111.2 dB
Edwards:	47.4 LAeq	102.7 dB
Fred:	41.3 LAeq	102.9 dB
Hollinger Office:	54.6 LAeq	105.6 dB
Noah:	60.9 LAeq	107.3 dB
Sandy:	44.0 LAeq	118.6 dB
Water Tower:	47.2 LAeq	115.6 dB
Wilson:	46.7 LAeq	109.4 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	3.5	12.6	0.5	1.2
Edwards:	7.3	27.5	2.1	6.3
Hollinger Office:	19.9	39.4	2.1	3.1
Sandy:	6.5	15.9	5.9	19.7

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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:	1.8	2.5
Edwards:	3.7	5.9
Hollinger Office:	5.8	6.6
Sandy:	4.7	9.7

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.9	1.6	1.6
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.4	0.1	0.4
Hollinger West:	5.2	3.6	4.6
Imerys:	0.3	0.4	0.3
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.3	0.4	0.5
Sandy:	2.0	0.9	1.5
Water Tower:	1.6	1.3	0.8
Wilson:	3.9	4.2	5.8