

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_044/061  
**Date:** 21-Jan-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 60 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 5.5 km/hr  
Wind Direction: S  
Temperature: -0.2 °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:	49.7 LAeq	99.6 dB
Edwards:	56.0 LAeq	97.9 dB
Fred:	40.6 LAeq	89.3 dB
Hollinger Office:	64.2 LAeq	108.1 dB
Noah:	64.1 LAeq	104.2 dB
Sandy:	50.1 LAeq	109.0 dB
Water Tower:	47.4 LAeq	106.8 dB
Wilson:	61.9 LAeq	108.1 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:	15.2	15.8	9.3	9.8
Edwards:	4.1	4.5	17.4	18.9
Hollinger Office:	6.3	7.7	18.4	26.9
Hollinger Park:	3.6	3.7	16.2	17.6
Sandy:	3.6	3.8	12.8	13.5

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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:	5.4	23.3
Edwards:	3.0	4.7
Hollinger Office:	9.0	15.2
Hollinger Park:	1.5	2.1
Sandy:	5.5	12.5

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.5	0.7
Moneta Pumping Station:	0.9	0.6	0.7
Sandy:	1.3	1.1	1.4
Water Tower:	0.3	0.3	0.3
Wilson:	1.1	1.1	1.4