

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3358\_069  
**Date:** 25-Jan-17  
**Blast Time:** 11:38  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 335 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: NW  
Temperature: -1 °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:	54.1 LAeq	99.8 dB
Edwards:	54.9 LAeq	94.8 dB
Fred:	44.4 LAeq	97.3 dB
Hollinger Office:	58.7 LAeq	104.6 dB
Noah:	60.7 LAeq	104.5 dB
Sandy:	48.2 LAeq	114.5 dB
Water Tower:	50.6 LAeq	113.1 dB
Wilson:	49.9 LAeq	102.5 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:	3.9	4.2	1.9	2.0
Edwards:	1.3	1.4	2.3	3.1
Hollinger Office:	3.0	3.3	3.3	6.3
Hollinger Park:	1.6	1.7	2.9	3.8
Sandy:	3.0	8.2	2.6	7.7

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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:	1.2	2.0
Edwards:	1.5	2.2
Hollinger Office:	4.9	7.2
Hollinger Park:	5.6	8.4
Sandy:	3.6	7.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.7	0.4	0.7
Imerys:	0.9	0.7	0.6
Noah:	0.9	0.7	0.9
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	1.3	1.1	0.9
Water Tower:	0.7	0.7	0.9
Wilson:	0.0	0.0	0.0