

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3346\_008 E/F  
**Date:** 28-Mar-17  
**Blast Time:** 11:41  
**Blast Sign Activation:** 9:00  
**Website Notification Time:** 8:35

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: none m  
Cloud Cover: 50% Partially Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: NNE  
Temperature: 5.9 °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:	56.4 LAeq	104.6 dB
Edwards:	50.0 LAeq	105.6 dB
Fred:	44.2 LAeq	99.4 dB
Hollinger Office:	64.8 LAeq	112.3 dB
Noah:	62.7 LAeq	104.9 dB
Sandy:	54.2 LAeq	110.4 dB
Water Tower:	53.7 LAeq	114.5 dB
Wilson:	48.2 LAeq	102.6 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:	7.9	8.4	6.8	8.0
Edwards:	2.9	3.8	9.1	12.3
Hollinger Office:	3.2	4.2	13.5	16.7
Hollinger Park:	2.6	3.2	10.7	12.6
Sandy:	4.2	6.6	10.6	18.9

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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:	3.2	3.8
Edwards:	1.7	3.0
Hollinger Office:	8.3	13.3
Hollinger Park:	4.1	8.7
Sandy:	14.4	48.1

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.5	0.6
Hollinger West:	0.7	0.3	0.6
Imerys:	0.4	0.8	0.6
Noah:	0.9	0.5	1.0
Moneta Pumping Station:	0.9	0.5	1.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.6	0.5	0.7
Wilson:	0.0	0.0	0.0