

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_008  
**Date:** 16-May-17  
**Blast Time:** 11:37  
**Blast Sign Activation:** 7:28  
**Website Notification Time:** 7:15

## Blast Conditions

Ceiling Height: 2438 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 12.6 km/hr  
Wind Direction: N  
Temperature: 10.7 °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>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.7 LAeq	101.6 dB
Edwards:	46.3 LAeq	100.1 dB
Fred:	45.5 LAeq	103.2 dB
Hollinger Office:	55.3 LAeq	103.6 dB
Noah:	61.6 LAeq	104.0 dB
Sandy:	48.2 LAeq	110.5 dB
Water Tower:	49.3 LAeq	108.4 dB
Wilson:	49.5 LAeq	106.1 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:	8.5	9.3	13.4	15.9
Edwards:	5.8	6.9	10.4	15.6
Hollinger Office:	26.0	56.8	28.3	100.9
Hollinger Park:	18.3	30.3	25.4	43.3
Sandy:	11.2	21.7	14.8	26.1

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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:	4.2	7.5
Edwards:	2.2	6.0
Hollinger Office:	6.5	10.4
Hollinger Park:	3.0	6.5
Sandy:	1.0	1.3

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	1.0	0.5	1.1
Sandy:	1.0	0.6	1.3
Water Tower:	0.4	0.2	0.5
Wilson:	0.7	0.9	1.3