

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3352\_036  
**Date:** 9-Jun-17  
**Blast Time:** 11:44  
**Blast Sign Activation:** 8:15  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: 823 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 4.5 km/hr  
Wind Direction: N  
Temperature: 11.6 °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:	56.0 LAeq	96.1 dB
Edwards:	47.2 LAeq	99.0 dB
Fred:	44.8 LAeq	98.0 dB
Hollinger Office:	57.6 LAeq	101.9 dB
Noah:	63.4 LAeq	103.1 dB
Sandy:	43.1 LAeq	116.7 dB
Water Tower:	51.5 LAeq	110.7 dB
Wilson:	47.4 LAeq	107.9 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:	7.0	7.3	3.4	4.2
Edwards:	5.5	6.6	6.8	9.3
Hollinger Office:	9.2	10.2	9.7	12.6
Sandy:	9.7	17.6	10.0	32.7

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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:	8.3	29.0
Edwards:	0.1	0.3
Hollinger Office:	3.1	7.3
Sandy:	4.0	8.2

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	2.7	1.7	3.2
Imerys:	1.5	1.4	1.8
Noah:	1.7	1.7	1.6
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.4	0.4	0.5
Water Tower:	4.2	2.3	4.0
Wilson:	2.9	2.2	2.1