

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3364\_073  
**Date:** 1-Jun-16  
**Blast Time:** 11:38  
**Blast Sign Activation:** 7:45  
**Website Notification Time:** 7:30

## Blast Conditions

Ceiling Height: 6134 m  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 12 km/hr  
Wind Direction: NW  
Temperature: 14.8 °C

## Noise Levels (L<sub>Aeq</sub>) – 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:	54.8 LAeq	105.1 dB
Edwards:	58.8 LAeq	101.3 dB
Fred:	45.7 LAeq	104.4 dB
Hollinger Office:	65.0 LAeq	110.3 dB
Noah:	59.8 LAeq	102.8 dB
Sandy:	56.0 LAeq	100.4 dB
Water Tower:	49.0 LAeq	109.6 dB
Wilson:	53.1 LAeq	102.6 dB

## Dust Levels (µg/m<sup>3</sup>) – 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:	8.0	31.9	15.0	76.2
Edwards:	3.6	4.1	13.6	19.9
Hollinger Office:	15.7	28.6	17.4	43.2
Hollinger Park:	10.8	16.3	19.2	33.9
Sandy:	7.3	8.5	15.8	20.1

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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:	2.0	11.4
Edwards:	1.1	1.9
Hollinger Office:	15.0	46.0
Hollinger Park:	0.9	2.9
Sandy:	1.1	1.8

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.8	0.6
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.2	0.2	0.5
Imerys:	0.5	0.4	0.5
Noah:	0.6	0.4	0.4
Moneta Pumping Station:	1.1	0.5	0.9
Sandy:	0.4	0.7	0.4
Water Tower:	0.5	0.2	0.5
Wilson:	0.7	0.6	0.7