

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_089/114  
**Date:** 5-Mar-16  
**Blast Time:** 11:44  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 9144 m  
Boundary Layer Height: n/a m  
Cloud Cover: 75% Cloudy  
Wind Speed: 6 km/hr  
Wind Direction: N  
Temperature: -8.1 °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:	51.0 LAeq	100.8 dB
Edwards:	37.9 LAeq	94.7 dB
Fred:	38.4 LAeq	86.6 dB
Hollinger Office:	62.9 LAeq	99.8 dB
Noah:	56.0 LAeq	94.6 dB
Sandy:	58.1 LAeq	107.3 dB
Water Tower:	LAeq	dB
Wilson:	62.0 LAeq	116.0 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:	8.1	8.5	8.2	9.5
Edwards:	2.7	3.7	17.0	25.9
Hollinger Office:	7.5	12.6	16.8	37.4
Hollinger Park:	5.0	8.1	19.1	36.8
Sandy:	9.2	12.5	14.0	20.6

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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:	2.4	3.7
Edwards:	4.0	5.4
Hollinger Office:	5.5	8.2
Hollinger Park:	3.8	6.0
Sandy:	12.3	35.4

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.2	0.4	0.2
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	1.8	0.2	0.3
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.9	0.5	0.7
Sandy:	1.0	1.0	1.0
Water Tower:	0.2	0.2	0.2
Wilson:	1.0	1.1	1.3