

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3370\_091/092  
**Date:** 6-Mar-16  
**Blast Time:** 15:49  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 921 m  
Boundary Layer Height: n/a m  
Cloud Cover: 100% Overcast  
Wind Speed: 16 km/hr  
Wind Direction: SW  
Temperature: 1.9 °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:	50.9 LAeq	109.8 dB
Edwards:	55.1 LAeq	109.6 dB
Fred:	47.9 LAeq	111.0 dB
Hollinger Office:	58.3 LAeq	116.6 dB
Noah:	58.3 LAeq	114.4 dB
Sandy:	60.5 LAeq	112.6 dB
Water Tower:	LAeq	dB
Wilson:	57.5 LAeq	115.1 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:	9.5	10.7	7.0	9.8
Edwards:	4.5	4.7	10.8	11.8
Hollinger Office:	13.8	17.2	12.0	15.9
Hollinger Park:	5.2	5.6	9.8	10.8
Sandy:	5.4	6.3	8.6	9.8

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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:	2.9	7.3
Edwards:	2.5	4.1
Hollinger Office:	5.8	11.3
Hollinger Park:	1.1	1.5
Sandy:	1.3	1.6

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.8	0.6
Edwards:	0.4	0.4	0.4
Hollinger Office:	0.2	0.2	0.1
Hollinger West:	1.8	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	0.6	0.7	0.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.9	1.4	0.9