

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3376\_019  
**Date:** 2-Apr-15  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 2950m  
Boundary Layer Height: 460m  
Cloud Cover: 100% Overcast  
Wind Speed: 10 km/hr  
Wind Direction: SW  
Temperature: -3.6 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	57.1 LAeq	113.4 dB
Edwards:	53.6 LAeq	96.8 dB
Fred:	46.2 LAeq	108.1 dB
Hollinger Office:	61.9 LAeq	111.4 dB
Noah:	62.1 LAeq	111.2 dB
Sandy:	56.5 LAeq	99.4 dB
Water Tower:	66.7 LAeq	118.4 dB
Wilson:	50.4 LAeq	107.3 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:	17.0	20.7	24.5	27.3
Edwards:	9.3	15.5	28.0	50.0
Hollinger Office:	27.5	32.7	36.7	47.0
Hollinger Park:	18.5	20.9	30.1	35.7
Sandy:	7.5	9.8	25.0	29.9

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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	2.3
Edwards:	20.9	36.9
Hollinger Office:	19.4	62.6
Hollinger Park:	17.2	53.4
Sandy:	4.6	5.4

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.8
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.6	0.4
Noah:	0.3	0.4	0.6
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	1.1	0.6	1.3
Water Tower:	0.4	0.2	0.2
Wilson:	0.4	0.4	0.6