

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_096  
**Date:** 25-Mar-15  
**Blast Time:** 15:38  
**Blast Sign Activation:** 13:00  
**Website Notification Time:** 13:00

## Blast Conditions

Ceiling Height: 590m  
Boundary Layer Height: none  
Cloud Cover: 100% Overcast (Snow)  
Wind Speed: 14 km/hr  
Wind Direction: SE  
Temperature: 2.7 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.5 LAeq	100.8 dB
Edwards:	57.8 LAeq	101.1 dB
Fred:	44.0 LAeq	107.7 dB
Hollinger Office:	62.7 LAeq	120.6 dB
Noah:	59.4 LAeq	107.9 dB
Sandy:	51.3 LAeq	105.5 dB
Water Tower:	59.0 LAeq	113.6 dB
Wilson:	55.6 LAeq	110.8 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:	11.1	19.9	14.5	15.0
Edwards:	9.0	12.8	15.5	25.9
Hollinger Office:	33.3	84.1	34.0	114.0
Hollinger Park:	17.4	40.3	26.1	75.3
Sandy:	7.4	11.3	20.8	39.8

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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:	0.0	0.0
Edwards:	2.0	3.3
Hollinger Office:	11.0	31.1
Hollinger Park:	9.3	30.0
Sandy:	4.2	14.4

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.7	0.5	1
Sandy:	2.9	2.8	1.8
Water Tower:	0.2	0.1	0.2
Wilson:	0.3	0.3	0.4