

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3394\_078  
**Date:** 4-Apr-15  
**Blast Time:** 15:53  
**Blast Sign Activation:** 11:45  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1200  
Boundary Layer Height: 140m  
Cloud Cover: 75% Cloudy  
Wind Speed: 7 km/hr  
Wind Direction: NW  
Temperature: -2.3 °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:	55.6 LAeq	111.8 dB
Edwards:	LAeq	dB
Fred:	45.4 LAeq	108.7 dB
Hollinger Office:	58.3 LAeq	116.1 dB
Noah:	60.1 LAeq	110.4 dB
Sandy:	52.5 LAeq	97.7 dB
Water Tower:	51.8 LAeq	121.3 dB
Wilson:	47.0 LAeq	110.3 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:	11.5	15.8	20.0	25.4
Edwards:	18.9	30.9	21.6	33.1
Hollinger Office:	27.3	40.6	25.7	37.3
Hollinger Park:	46.8	169.4	68.5	187.4
Sandy:	8.3	12.2	21.0	32.5

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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:	0.9	1.4
Edwards:	3.7	16.7
Hollinger Office:	3.3	3.6
Hollinger Park:	3.2	4.2
Sandy:	3.1	6.1

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.3	0.3	0.4
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.3	0.2
Moneta Pumping Station:	1.0	0.6	1.7
Sandy:	2	1.6	2.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.6	0.6