

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_056  
**Date:** 23-Mar-15  
**Blast Time:** 15:35  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 7:45

## Blast Conditions

Ceiling Height: none  
Boundary Layer Height: 100m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 8 km/hr  
Wind Direction: N  
Temperature: -7.6 °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: Extendicare

	<b>L<sub>Aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	51.9 LAeq	101.7 dB
Edwards:	47.1 LAeq	90.5 dB
Fred:	38.2 LAeq	95.8 dB
Hollinger Office:	55.3 LAeq	108.0 dB
Noah:	58.8 LAeq	102.0 dB
Sandy:	57.4 LAeq	98.1 dB
Water Tower:	52.7 LAeq	109.7 dB
Wilson:	44.2 LAeq	99.2 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:	12.2	13.1	13.8	14.3
Edwards:	7.1	8.0	17.4	22.2
Hollinger Office:	13.6	15.3	20.0	28.9
Hollinger Park:	11.1	15.6	23.8	40.0
Sandy:	10.3	12.1	17.1	21.1

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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:	3.6	5.9
Hollinger Office:	6.4	10.0
Hollinger Park:	4.7	8.5
Sandy:	2.1	2.9

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.6
Edwards Temp:	0.2	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.1	1.0	1.5
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.4	0.7