

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_057  
**Date:** 18-Mar-15  
**Blast Time:** 8:00  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 11:41

## Blast Conditions

Ceiling Height: none  
Boundary Layer Height: 90m  
Cloud Cover: 25% Scattered Clouds  
Wind Speed: 9 km/hr  
Wind Direction: NW  
Temperature: -8.4 °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:	55.2 LAeq	107.8 dB
Edwards:	47.7 LAeq	90.6 dB
Fred:	45.9 LAeq	111.3 dB
Hollinger Office:	60.2 LAeq	113.4 dB
Noah:	58.3 LAeq	108.2 dB
Sandy:	44.7 LAeq	99.9 dB
Water Tower:	54.1 LAeq	119.0 dB
Wilson:	48.7 LAeq	105.7 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:	10.6	16.2	23.6	33.5
Edwards:	19.6	50.3	27.9	78.9
Hollinger Office:	19.8	23.9	28.4	42.2
Hollinger Park:	37.5	54.2	66.5	93.2
Sandy:	20.8	29.1	42.5	66.4

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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:	1.2	2.2
Edwards:	5.7	29.9
Hollinger Office:	14.3	26.8
Hollinger Park:	7.7	10.6
Sandy:	3.0	6.5

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.7
Edwards Temp:	0.2	0.3	0.3
Hollinger Office:	0.3	0.3	0.2
Hollinger West:	0.3	0.1	0.5
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.4	1.2	1.6
Water Tower:	0.3	0.2	0.3
Wilson:	0.5	0.5	0.5