

# Hollinger Public Blast Report



PORCUPINE GOLD MINES

**Blast Pattern:** 3388\_075  
**Date:** 15-Apr-15  
**Blast Time:** 11:51  
**Blast Sign Activation:** 8:30  
**Website Notification Time:** 8:30

## Blast Conditions

Ceiling Height: None m  
Boundary Layer Height: 190 m  
Cloud Cover: 0% Clear  
Wind Speed: 5 km/hr  
Wind Direction: S  
Temperature: 5.7 °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: Extendicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	53.7 LAeq	56.4 dB
Edwards:	47.4 LAeq	49.1 dB
Fred:	47.8 LAeq	48.4 dB
Hollinger Office:	63.0 LAeq	60.6 dB
Noah:	60.3 LAeq	62.6 dB
Sandy:	50.2 LAeq	50.0 dB
Water Tower:	47.1 LAeq	47.9 dB
Wilson:	49.2 LAeq	50.2 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:	8.9	12.0	19.7	24.8
Edwards:	9.4	14.4	14.5	30.0
Hollinger Office:	25.0	29.6	29.6	38.9
Hollinger Park:	24.2	65.5	6.3	8.5
Sandy:	17.1	24.6	28.7	44.6

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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:	0.7	1.5
Edwards:	4.0	12.5
Hollinger Office:	6.0	16.2
Hollinger Park:	0.0	0.0
Sandy:	6.2	13.0

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

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	2.2	1.7	3.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.9	0.5	0.6