

# Hollinger Public Blast Report



**Blast Pattern:** 3352\_098 & 3352\_046 Frost  
**Date:** 26-Jan-18  
**Blast Time:** 13:37  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 1200 ft  
Boundary Layer Height: none m  
Cloud Cover: 100% Overcast  
Wind Speed: 31 km/hr  
Wind Direction: SE  
Temperature: -3.7 °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:      | 50.9 LAeq              | 100.5 dB                   |
| Edwards:          | 50.9 LAeq              | 110.0 dB                   |
| Fred:             | 47.8 LAeq              | 109.0 dB                   |
| Hollinger Office: | 50.7 LAeq              | 113.5 dB                   |
| Noah:             | 59.6 LAeq              | 107.0 dB                   |
| Sandy:            | 49.5 LAeq              | 111.7 dB                   |
| Water Tower:      | 55.1 LAeq              | 115.6 dB                   |
| Wilson:           | 62.1 LAeq              | 109.1 dB                   |

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24hr.**

|                   | <b>Avg. PM10</b> | <b>Max PM10</b> | <b>Avg. TSP</b> | <b>Max TSP</b> |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost:        | 21.5             | 22.7            | 17.7            | 20.0           |
| Edwards:          | 8.4              | 9.0             | 27.9            | 29.2           |
| Hollinger Office: | 36.4             | 54.5            | 45.1            | 82.2           |
| Sandy:            | 8.3              | 9.7             | 23.6            | 25.8           |

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PORCUPINE GOLD MINES

## 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:        | 11.2                 | 23.5                |
| Edwards:          | 3.3                  | 4.5                 |
| Hollinger Office: | 11.7                 | 31.4                |
| Sandy:            | 3.2                  | 4.2                 |

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

**Vibration Alert: No exceedances recorded**

|                         | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn:            | 0.3       | 0.3      | 0.3      |
| Edwards:                | 0.1       | 0.1      | 0.1      |
| Hollinger Office:       | 0.6       | 0.5      | 0.6      |
| Hollinger West:         | 0.3       | 0.4      | 0.3      |
| Imerys:                 | 1.6       | 1.0      | 0.8      |
| Noah:                   | 1.1       | 1.0      | 1.3      |
| Moneta Pumping Station: | 0.4       | 0.5      | 0.6      |
| Sandy:                  | 0.7       | 0.6      | 0.7      |
| Water Tower:            | 0.8       | 0.8      | 0.6      |
| Wilson:                 | 1.1       | 1.2      | 1.4      |