

Hollinger Public Blast Report

Blast Pattern: 3352_030
Date: 15-May-17
Blast Time: 15:35
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 914 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6.5 km/hr
Wind Direction: NE
Temperature: 10.7 °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**

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 54.7 LAeq | 98.2 dB |
| Edwards: | 45.3 LAeq | 93.7 dB |
| Fred: | 44.8 LAeq | 96.5 dB |
| Hollinger Office: | 52.8 LAeq | 100.6 dB |
| Noah: | 62.1 LAeq | 104.3 dB |
| Sandy: | 44.8 LAeq | 105.9 dB |
| Water Tower: | 47.8 LAeq | 113.4 dB |
| Wilson: | 47.3 LAeq | 100.2 dB |

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 7.7 | 9.4 | 12.9 | 17.2 |
| Edwards: | 3.7 | 4.7 | 5.8 | 10.4 |
| Hollinger Office: | 7.8 | 8.8 | 6.3 | 10.7 |
| Hollinger Park: | 9.7 | 19.5 | 14.1 | 24.0 |
| Sandy: | 5.4 | 7.1 | 9.1 | 14.8 |

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 3.4 | 5.2 |
| Edwards: | 1.3 | 3.7 |
| Hollinger Office: | 3.1 | 7.6 |
| Hollinger Park: | 2.0 | 6.6 |
| Sandy: | 4.7 | 17.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.2 |
| Edwards: | 0.0 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.4 |
| Hollinger West: | 0.4 | 0.4 | 0.5 |
| Imerys: | 0.6 | 0.4 | 0.7 |
| Noah: | 0.7 | 0.4 | 0.9 |
| Moneta Pumping Station: | 0.7 | 0.5 | 0.5 |
| Sandy: | 1.5 | 1.3 | 1.2 |
| Water Tower: | 1.9 | 0.7 | 1.3 |
| Wilson: | 1.3 | 1.3 | 1.5 |