

Hollinger Public Blast Report

Blast Pattern: 3346_048
Date: 1-Oct-17
Blast Time: 8:30
Blast Sign Activation: 8:15
Website Notification Time: 11:37

Blast Conditions

Ceiling Height: 25000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6.7 km/hr
Wind Direction: W
Temperature: 14.8 °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: | 54.2 LAeq | 106.2 dB |
| Edwards: | 49.7 LAeq | 102.9 dB |
| Fred: | 43.9 LAeq | 99.6 dB |
| Hollinger Office: | 55.8 LAeq | 102.4 dB |
| Noah: | 60.5 LAeq | 103.0 dB |
| Sandy: | 47.0 LAeq | 109.2 dB |
| Water Tower: | 49.1 LAeq | 111.1 dB |
| Wilson: | 48.7 LAeq | 106.8 dB |

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

Dust Alert: No exceedances recorded at 24hrs.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 3.5 | 3.6 | 5.3 | 6.1 |
| Edwards: | 4.3 | 5.2 | 11.9 | 14.2 |
| Hollinger Office: | 52.8 | 115.0 | 50.7 | 107.7 |
| Sandy: | 3.7 | 4.2 | 1.7 | 2.9 |

Hollinger Public Blast Report



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: | 0.4 | 1.1 |
| Edwards: | 3.9 | 9.5 |
| Hollinger Office: | 7.7 | 11.3 |
| Sandy: | 0.6 | 1.3 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.1 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.1 | 0.2 |
| Hollinger West: | 2.6 | 1.6 | 1.8 |
| Imerys: | 1.1 | 0.5 | 0.9 |
| Noah: | 0.7 | 0.6 | 0.7 |
| Moneta Pumping Station: | 0.5 | 0.3 | 0.6 |
| Sandy: | 0.7 | 0.6 | 0.9 |
| Water Tower: | 1.3 | 0.8 | 1.3 |
| Wilson: | 4.1 | 2.7 | 4.5 |