

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_086 & 160
Date: 15-Aug-16
Blast Time: 11:36
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 22.7 °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: Extencicare**

| | L_{aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 54.4 LAeq | 101.2 dB |
| Edwards: | 57.7 LAeq | 104.0 dB |
| Fred: | 47.7 LAeq | 105.6 dB |
| Hollinger Office: | 60.5 LAeq | 108.8 dB |
| Noah: | 61.3 LAeq | 110.2 dB |
| Sandy: | 58.0 LAeq | 115.1 dB |
| Water Tower: | 48.3 LAeq | 122.8 dB |
| Wilson: | 50.5 LAeq | 106.6 dB |

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

Dust Alert: No Exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 6.4 | 6.7 | 23.1 | 24.3 |
| Edwards: | 6.3 | 7.7 | 21.5 | 25.3 |
| Hollinger Office: | 29.1 | 54.1 | 33.4 | 65.9 |
| Hollinger Park: | 0.0 | 0.0 | 14.8 | 16.6 |
| Sandy: | 3.0 | 3.3 | 10.2 | 12.7 |

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: | 0.5 | 1.9 |
| Edwards: | 1.3 | 3.0 |
| Hollinger Office: | 4.0 | 6.8 |
| Hollinger Park: | 1.4 | 3.8 |
| Sandy: | 0.5 | 0.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.2 |
| Edwards: | 0.2 | 0.1 | 0.2 |
| Hollinger Office: | 0.8 | 0.3 | 0.6 |
| Hollinger West: | 0.4 | 0.3 | 0.6 |
| Imerys: | 1.0 | 0.7 | 0.8 |
| Noah: | 1.1 | 0.7 | 1.1 |
| Moneta Pumping Station: | 0.5 | 0.4 | 0.6 |
| Sandy: | 1.5 | 1.1 | 1.2 |
| Water Tower: | 2.5 | 0.9 | 2.6 |
| Wilson: | 2.0 | 1.6 | 1.8 |