

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_101
Date: 24-Mar-19
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19 km/hr
Wind Direction: N
Temperature: -3.8 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 52.7 LAeq | 106.4 dB |
| Edwards: | 44.6 LAeq | 95.7 dB |
| Fred: | 41.8 LAeq | 106.5 dB |
| Hollinger Office: | 53.1 LAeq | 112.9 dB |
| Noah: | 58.7 LAeq | 104.6 dB |
| Sandy: | 41.7 LAeq | 105.7 dB |
| Water Tower: | 46.6 LAeq | 111.7 dB |
| Wilson: | 55.5 LAeq | 104.4 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 7.0 | 9.2 | 7.8 | 10.0 |
| Edwards: | 9.2 | 12.8 | 10.6 | 20.2 |
| Hollinger Office: | 10.7 | 14.9 | 14.4 | 20.8 |
| Sandy: | 8.0 | 10.5 | 6.9 | 9.0 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 0.7 | 1.1 |
| Edwards: | 1.1 | 1.9 |
| Hollinger Office: | 2.3 | 2.9 |
| Sandy: | 2.1 | 3.2 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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