

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_071
Date: 14-Dec-18
Blast Time: 11:34
Blast Sign Activation: 8:53
Website Notification Time: 8:42

Blast Conditions

Ceiling Height: 13000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 1.9 °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: | 52.6 LAeq | 109.6 dB |
| Edwards: | 54.6 LAeq | 105.5 dB |
| Fred: | 43.5 LAeq | 100.7 dB |
| Hollinger Office: | 56.4 LAeq | 113.3 dB |
| Noah: | 61.7 LAeq | 103.5 dB |
| Sandy: | 46.9 LAeq | 105.9 dB |
| Water Tower: | 47.5 LAeq | 113.2 dB |
| Wilson: | 48.1 LAeq | 104.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 10.2 | 11.1 | 10.6 | 11.2 |
| Edwards: | 5.1 | 5.5 | 16.0 | 17.5 |
| Hollinger Office: | 6.0 | 6.5 | 17.2 | 19.1 |
| Sandy: | 4.3 | 4.6 | 12.2 | 13.7 |

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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: | 2.4 | 3.3 |
| Edwards: | 8.6 | 11.4 |
| Hollinger Office: | 4.6 | 5.9 |
| Sandy: | 3.1 | 3.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.7 | 0.4 | 0.5 |
| Edwards: | 0.2 | 0.3 | 0.2 |
| Hollinger Office: | 1.2 | 0.8 | 1.2 |
| Hollinger West: | 0.2 | 0.2 | 0.2 |
| Imerys: | 1.2 | 0.9 | 1.4 |
| Noah: | 1.0 | 0.8 | 1.3 |
| Moneta Pumping Station: | 0.3 | 0.2 | 0.4 |
| Sandy: | 0.4 | 0.4 | 0.4 |
| Water Tower: | 0.5 | 0.5 | 0.4 |
| Wilson: | 1.4 | 0.9 | 2.5 |