

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3355_007 Pre Shear
Date: 18-Dec-18
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: -9.7 °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: | 52.0 LAeq | 122.9 dB |
| Edwards: | 45.8 LAeq | 114.0 dB |
| Fred: | 41.6 LAeq | 106.4 dB |
| Hollinger Office: | 54.3 LAeq | 107.5 dB |
| Noah: | 61.4 LAeq | 98.7 dB |
| Sandy: | 46.7 LAeq | 100.0 dB |
| Water Tower: | 46.9 LAeq | 104.6 dB |
| Wilson: | 46.9 LAeq | 93.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 4.4 | 8.4 | 6.0 | 13.7 |
| Edwards: | 7.0 | 15.9 | 12.1 | 31.1 |
| Hollinger Office: | 7.5 | 10.3 | 6.5 | 13.8 |
| Sandy: | 4.0 | 5.4 | 5.8 | 8.9 |

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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: | 2.6 | 5.7 |
| Edwards: | 4.0 | 6.6 |
| Hollinger Office: | 6.7 | 16.6 |
| Sandy: | 4.1 | 9.2 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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