

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_023
Date: 04-Jul-15
Blast Time: 11:34
Blast Sign Activation: 6:45
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: 580 m
Boundary Layer Height: None m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 5.5 km/hr
Wind Direction: W
Temperature: 17.1 °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: | 56.5 LAeq | 113.6 dB |
| Edwards: | 53.5 LAeq | 104.4 dB |
| Fred: | 49.8 LAeq | 101.2 dB |
| Hollinger Office: | 59.7 LAeq | 124.0 dB |
| Noah: | 60.6 LAeq | 108.2 dB |
| Sandy: | 51.5 LAeq | 98.9 dB |
| Water Tower: | 49.2 LAeq | 117.0 dB |
| Wilson: | 46.2 LAeq | 102.8 dB |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 25.6 | 26.2 | 40.0 | 41.1 |
| Edwards: | 15.0 | 16.3 | 53.5 | 57.1 |
| Hollinger Office: | 21.7 | 23.4 | 48.2 | 54.3 |
| Hollinger Park: | 17.1 | 17.8 | 55.8 | 61.0 |
| Sandy: | 10.8 | 11.6 | 55.4 | 56.5 |

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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: | 1.2 | 3.2 |
| Edwards: | 1.9 | 5.0 |
| Hollinger Office: | 2.3 | 4.0 |
| Hollinger Park: | 1.6 | 2.0 |
| Sandy: | 1.1 | 2.5 |

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: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 8.1 | 2.7 | 5.6 |
| Hollinger West: | 0.1 | 0.1 | 0.2 |
| Imerys: | 1.2 | 1.3 | 0.9 |
| Noah: | 1.3 | 1.2 | 1.3 |
| Moneta Pumping Station: | 0.1 | 0.1 | 0.1 |
| Sandy: | 0.5 | 0.4 | 0.3 |
| Water Tower: | 1.0 | 0.5 | 0.8 |
| Wilson: | 0.5 | 0.2 | 0.5 |