

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_088
Date: 5-May-17
Blast Time: 11:40
Blast Sign Activation: 7:35
Website Notification Time: 7:27

Blast Conditions

Ceiling Height: 243 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6.8 km/hr
Wind Direction: SW
Temperature: 1.5 °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: | 56.9 LAeq | 98.9 dB |
| Edwards: | 49.9 LAeq | 96.0 dB |
| Fred: | 46.6 LAeq | 94.3 dB |
| Hollinger Office: | 56.3 LAeq | 100.0 dB |
| Noah: | 62.7 LAeq | 104.4 dB |
| Sandy: | 42.1 LAeq | 107.9 dB |
| Water Tower: | 50.8 LAeq | 114.3 dB |
| Wilson: | 47.9 LAeq | 105.4 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: | 8.9 | 9.5 | 9.6 | 10.0 |
| Edwards: | 3.1 | 3.5 | 8.9 | 12.9 |
| Hollinger Office: | 7.3 | 7.7 | 4.3 | 8.1 |
| Hollinger Park: | 8.7 | 9.6 | 7.5 | 9.8 |
| Sandy: | 4.7 | 8.0 | 8.4 | 14.9 |

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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: | 2.5 | 3.5 |
| Edwards: | 1.6 | 3.1 |
| Hollinger Office: | 4.3 | 14.8 |
| Hollinger Park: | 6.0 | 9.8 |
| Sandy: | 7.6 | 24.5 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.2 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.7 | 0.3 | 0.6 |
| Hollinger West: | 0.4 | 0.2 | 0.3 |
| Imerys: | 1.4 | 0.9 | 1.3 |
| Noah: | 0.9 | 0.6 | 1.1 |
| Moneta Pumping Station: | 0.2 | 0.1 | 0.3 |
| Sandy: | 0.4 | 0.2 | 0.5 |
| Water Tower: | 0.1 | 0.0 | 0.0 |
| Wilson: | 1.2 | 1.0 | 1.1 |