

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_106
Date: 20-Aug-16
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 213 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 20.8 °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: Extencicare**

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 55.5 LAeq | 102.5 dB |
| Edwards: | 55.9 LAeq | 98.7 dB |
| Fred: | 40.8 LAeq | 90.7 dB |
| Hollinger Office: | 74.0 LAeq | 115.7 dB |
| Noah: | 61.0 LAeq | 105.7 dB |
| Sandy: | 61.0 LAeq | 109.2 dB |
| Water Tower: | 50.2 LAeq | 115.1 dB |
| Wilson: | 48.8 LAeq | 101.7 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: | 9.4 | 9.7 | 25.4 | 27.6 |
| Edwards: | 8.7 | 9.4 | 23.3 | 25.7 |
| Hollinger Office: | 11.3 | 12.6 | 11.9 | 13.7 |
| Hollinger Park: | 5.9 | 6.8 | 17.8 | 19.9 |
| Sandy: | 7.7 | 9.0 | 24.6 | 27.1 |

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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: | 0.6 | 1.4 |
| Edwards: | 0.0 | 0.0 |
| Hollinger Office: | 2.3 | 3.3 |
| Hollinger Park: | 1.3 | 2.3 |
| Sandy: | 1.7 | 7.4 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.4 |
| Edwards: | 0.1 | 0.1 | 0.2 |
| Hollinger Office: | 0.6 | 0.3 | 0.5 |
| Hollinger West: | 0.4 | 0.2 | 0.2 |
| Imerys: | 0.6 | 0.7 | 0.8 |
| Noah: | 0.9 | 0.6 | 1.5 |
| Moneta Pumping Station: | 1.0 | 0.3 | 0.9 |
| Sandy: | 0.5 | 0.9 | 0.6 |
| Water Tower: | 0.6 | 0.5 | 0.6 |
| Wilson: | 1.0 | 1.0 | 1.6 |