

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_165
Date: 23-Sep-16
Blast Time: 11:34
Blast Sign Activation: 10:00
Website Notification Time: 8:17

Blast Conditions

Ceiling Height: 9144 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 3.2 km/hr
Wind Direction: N
Temperature: 11 °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: | 55.0 LAeq | 98.0 dB |
| Edwards: | 65.5 LAeq | 92.7 dB |
| Fred: | 42.8 LAeq | 88.7 dB |
| Hollinger Office: | 60.6 LAeq | 106.2 dB |
| Noah: | 61.8 LAeq | 99.6 dB |
| Sandy: | 56.6 LAeq | 113.5 dB |
| Water Tower: | 55.3 LAeq | 102.5 dB |
| Wilson: | 50.1 LAeq | 100.7 dB |

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

Dust Alert: No Exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 1.7 | 2.2 | 0.0 | 0.0 |
| Edwards: | 22.1 | 22.7 | 0.0 | 0.0 |
| Hollinger Office: | 6.5 | 11.0 | 8.1 | 11.1 |
| Hollinger Park: | 12.7 | 16.4 | 12.5 | 15.8 |
| Sandy: | 6.3 | 8.1 | 5.3 | 8.1 |

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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: | 0.5 | 1.4 |
| Edwards: | 0.9 | 1.4 |
| Hollinger Office: | 2.1 | 3.1 |
| Hollinger Park: | 4.4 | 8.9 |
| Sandy: | 6.4 | 12.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.1 |
| Edwards: | 0.2 | 0.2 | 0.2 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.2 | 0.2 | 0.3 |
| Imerys: | 0.2 | 0.2 | 0.2 |
| Noah: | 0.3 | 0.3 | 0.2 |
| Moneta Pumping Station: | 4.6 | 2.2 | 2.3 |
| Sandy: | 1.1 | 1.3 | 1.4 |
| Water Tower: | 0.6 | 0.3 | 0.5 |
| Wilson: | 0.6 | 0.5 | 0.6 |