

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_135
Date: 4-Oct-16
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 213
Boundary Layer Height: none
Cloud Cover: 100% Overcast
Wind Speed: 6.7
Wind Direction: NW
Temperature: 13.2 °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: | 54.4 LAeq | 98.6 dB |
| Edwards: | 63.5 LAeq | 98.6 dB |
| Fred: | 44.9 LAeq | 89.2 dB |
| Hollinger Office: | 60.7 LAeq | 100.3 dB |
| Noah: | 60.1 LAeq | 97.5 dB |
| Sandy: | 53.9 LAeq | 109.2 dB |
| Water Tower: | 54.6 LAeq | 100.9 dB |
| Wilson: | 51.7 LAeq | 99.2 dB |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 14.7 | 16.8 | 14.2 | 17.1 |
| Edwards: | 11.5 | 12.6 | 25.5 | 31.6 |
| Hollinger Office: | 15.4 | 19.1 | 22.4 | 27.8 |
| Hollinger Park: | 15.8 | 18.3 | 26.2 | 32.4 |
| Sandy: | 12.7 | 15.0 | 20.6 | 25.2 |

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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: | 1.8 | 5.1 |
| Edwards: | 0.5 | 1.1 |
| Hollinger Office: | 4.8 | 10.4 |
| Hollinger Park: | 1.9 | 7.7 |
| Sandy: | 1.2 | 2.0 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.2 |
| Edwards: | 0.1 | 0.1 | 0.2 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.2 | 0.1 | 0.2 |
| Imerys: | 0.2 | 0.2 | 0.2 |
| Noah: | 0.6 | 0.3 | 0.3 |
| Moneta Pumping Station: | 2.1 | 1.1 | 1.8 |
| Sandy: | 1.2 | 1.6 | 1.5 |
| Water Tower: | 0.6 | 1.3 | 0.9 |
| Wilson: | 0.7 | 0.7 | 0.7 |