

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_113, 3346_024 & 3346_009
Date: 18-Jun-17
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3700 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: 18.5 °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: | 53.4 LAeq | 94.4 dB |
| Edwards: | 53.3 LAeq | 99.5 dB |
| Fred: | 43.8 LAeq | 86.7 dB |
| Hollinger Office: | 55.2 LAeq | 102.1 dB |
| Noah: | 60.1 LAeq | 100.8 dB |
| Sandy: | 44.5 LAeq | 111.1 dB |
| Water Tower: | 50.4 LAeq | 108.2 dB |
| Wilson: | 50.3 LAeq | 110.4 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: | 8.4 | 9.1 | 29.1 | 31.6 |
| Edwards: | 6.9 | 7.7 | 21.7 | 22.5 |
| Hollinger Office: | 10.2 | 10.7 | 19.6 | 21.1 |
| Sandy: | 10.1 | 11.7 | 19.7 | 20.9 |

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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: | 5.2 | 29.3 |
| Edwards: | 1.8 | 2.6 |
| Hollinger Office: | 1.8 | 2.5 |
| Sandy: | 7.6 | 17.2 |

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 | 0.1 | 0.2 |
| Hollinger Office: | 0.8 | 0.4 | 0.4 |
| Hollinger West: | 1.5 | 0.9 | 1.2 |
| Imerys: | 2.1 | 1.8 | 1.5 |
| Noah: | 2.1 | 2.0 | 1.1 |
| Moneta Pumping Station: | 1.8 | 1.4 | 2.4 |
| Sandy: | 1.7 | 1.9 | 2.4 |
| Water Tower: | 7.0 | 3.6 | 4.6 |
| Wilson: | 1.6 | 0.7 | 1.0 |