

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_140/3346_118A/3358_158
Date: 21-Jun-18
Blast Time: 11:43
Blast Sign Activation: 8:15
Website Notification Time: 7:50

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7.1 km/hr
Wind Direction: SE
Temperature: 14.7 °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: | 55.1 LAeq | 102.9 dB |
| Edwards: | 46.9 LAeq | 98.7 dB |
| Fred: | 43.7 LAeq | 92.9 dB |
| Hollinger Office: | 56.7 LAeq | 110.6 dB |
| Noah: | 60.8 LAeq | 102.8 dB |
| Sandy: | 51.2 LAeq | 108.1 dB |
| Water Tower: | 48.3 LAeq | 110.6 dB |
| Wilson: | 54.9 LAeq | 102.9 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 1.6 | 3.8 | 1.3 | 2.6 |
| Edwards: | 4.6 | 5.6 | 6.8 | 8.5 |
| Hollinger Office: | 10.2 | 22.3 | 5.9 | 17.3 |
| Sandy: | 1.5 | 4.5 | 5.3 | 7.5 |

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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: | 0.8 | 2.2 |
| Edwards: | 0.7 | 1.1 |
| Hollinger Office: | 1.5 | 2.8 |
| Sandy: | 0.2 | 0.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.1 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 2.9 | 2.6 | 6.8 |
| Hollinger West: | 0.5 | 0.3 | 0.5 |
| Imerys: | 2.3 | 3.6 | 4.1 |
| Noah: | 1.1 | 1.1 | 2.0 |
| Moneta Pumping Station: | 0.2 | 0.2 | 0.3 |
| Sandy: | 0.8 | 0.5 | 1.0 |
| Water Tower: | 4.6 | 1.5 | 4.7 |
| Wilson: | 1.0 | 0.9 | 1.1 |