

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_001
Date: 26-Feb-18
Blast Time: 11:50
Blast Sign Activation: 7:36
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -0.8 °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: Extendicare**

| | L_{aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 53.9 LAeq | 107.8 dB |
| Edwards: | 49.3 LAeq | 109.5 dB |
| Fred: | 45.4 LAeq | 106.6 dB |
| Hollinger Office: | 56.4 LAeq | 109.1 dB |
| Noah: | 62.0 LAeq | 107.5 dB |
| Sandy: | 46.2 LAeq | 110.5 dB |
| Water Tower: | 50.6 LAeq | 118.8 dB |
| Wilson: | 59.8 LAeq | 109.0 dB |

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 5.9 | 6.6 | 3.2 | 4.2 |
| Edwards: | 14.4 | 28.6 | 14.3 | 36.0 |
| Hollinger Office: | 29.1 | 43.4 | 33.5 | 48.1 |
| Sandy: | 3.9 | 4.6 | 3.0 | 3.8 |

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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: | 5.1 | 7.7 |
| Edwards: | 13.1 | 26.5 |
| Hollinger Office: | 15.4 | 21.0 |
| Sandy: | 2.4 | 2.8 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.2 | 0.2 |
| Edwards: | 0.2 | 0.2 | 0.2 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.2 | 0.3 | 0.2 |
| Imerys: | 0.2 | 0.2 | 0.1 |
| Noah: | 0.2 | 0.4 | 0.4 |
| Moneta Pumping Station: | 1.0 | 1.2 | 1.2 |
| Sandy: | 1.6 | 1.2 | 2.1 |
| Water Tower: | 0.3 | 0.2 | 0.2 |
| Wilson: | 0.8 | 0.7 | 0.9 |