

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3370_075
Date: 14-Apr-16
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

| | | |
|------------------------|------|------------------|
| Ceiling Height: | none | m |
| Boundary Layer Height: | none | m |
| Cloud Cover: | 25% | Scattered Clouds |
| Wind Speed: | 8 | km/hr |
| Wind Direction: | S | |
| Temperature: | 11.1 | °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: | 53.8 LAeq | 103.7 dB |
| Edwards: | 50.5 LAeq | 101.1 dB |
| Fred: | 45.9 LAeq | 100.8 dB |
| Hollinger Office: | 63.3 LAeq | 105.2 dB |
| Noah: | 61.1 LAeq | 106.5 dB |
| Sandy: | 59.3 LAeq | 106.2 dB |
| Water Tower: | 64.0 LAeq | 111.9 dB |
| Wilson: | 49.4 LAeq | 103.4 dB |

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

Dust Alert: No Exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 15.4 | 16.9 | 11.2 | 14.2 |
| Edwards: | 9.1 | 10.6 | 15.2 | 20.0 |
| Hollinger Office: | 15.6 | 23.8 | 18.9 | 31.1 |
| Hollinger Park: | 16.0 | 23.5 | 22.3 | 37.8 |
| Sandy: | 10.3 | 13.0 | 16.7 | 21.6 |

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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: | 2.5 | 4.3 |
| Edwards: | 3.9 | 8.3 |
| Hollinger Office: | 3.6 | 6.3 |
| Hollinger Park: | 1.1 | 1.6 |
| Sandy: | 1.0 | 1.2 |

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 | 0.2 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.2 |
| Hollinger West: | 0.0 | 0.0 | 0.0 |
| Imerys: | 0.4 | 0.2 | 0.4 |
| Noah: | 0.6 | 0.2 | 1.0 |
| Moneta Pumping Station: | 0.5 | 0.4 | 0.3 |
| Sandy: | 0.6 | 0.5 | 0.6 |
| Water Tower: | 0.3 | 0.2 | 0.2 |
| Wilson: | 0.5 | 0.4 | 0.6 |