

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_107
Date: 25-May-18
Blast Time: 11:50
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 16000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 14 km/hr
Wind Direction: SW
Temperature: 23.4 °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:	55.2 LAeq	110.6 dB
Edwards:	50.6 LAeq	105.6 dB
Fred:	45.2 LAeq	95.3 dB
Hollinger Office:	55.8 LAeq	112.0 dB
Noah:	62.3 LAeq	106.4 dB
Sandy:	46.9 LAeq	108.6 dB
Water Tower:	46.8 LAeq	112.9 dB
Wilson:	48.8 LAeq	101.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.4	18.1	37.8	40.3
Edwards:	39.0	270.4	84.2	448.8
Hollinger Office:	46.3	72.6	73.5	114.7
Sandy:	7.0	8.6	24.3	28.0

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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:	3.1	5.3
Edwards:	11.5	39.8
Hollinger Office:	10.3	14.2
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.2	0.6	0.9
Hollinger West:	0.2	0.2	0.2
Imerys:	0.7	0.5	0.7
Noah:	1.2	0.4	0.9
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.2	0.3
Water Tower:	0.6	0.3	0.6
Wilson:	1.1	0.5	1.7