

Hollinger Public Blast Report



Blast Pattern: 3346_003B7D
Date: 13-Dec-16
Blast Time: 11:46
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 975 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 7 km/hr
Wind Direction: NW
Temperature: -11.3 °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:	54.4 LAeq	109.4 dB
Edwards:	49.3 LAeq	98.8 dB
Fred:	42.9 LAeq	102.7 dB
Hollinger Office:	56.2 LAeq	114.3 dB
Noah:	61.9 LAeq	106.1 dB
Sandy:	54.6 LAeq	106.4 dB
Water Tower:	60.3 LAeq	110.2 dB
Wilson:	60.1 LAeq	106.8 dB

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

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.2	1.5	2.4
Edwards:	7.4	8.4	4.7	6.3
Hollinger Office:	11.3	12.7	7.1	10.2
Hollinger Park:	4.4	5.0	6.4	11.4
Sandy:	7.6	8.7	4.7	6.4

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.3	2.1
Edwards:	1.5	2.3
Hollinger Office:	5.0	6.0
Hollinger Park:	13.9	31.9
Sandy:	4.2	6.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.2	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.9	0.4	0.8
Sandy:	0.4	0.8	0.5
Water Tower:	0.2	0.2	0.2
Wilson:	1.1	0.3	0.8