

Hollinger Public Blast Report



Blast Pattern: 3370_175
Date: 19-Feb-18
Blast Time: 11:32
Blast Sign Activation: 7:50
Website Notification Time: 7:43

Blast Conditions

Ceiling Height: 1400 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (snow)
Wind Speed: 26 km/hr
Wind Direction: N
Temperature: -13.2 °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:	53.1 LAeq	116.2 dB
Edwards:	51.4 LAeq	109.1 dB
Fred:	45.3 LAeq	109.1 dB
Hollinger Office:	56.6 LAeq	113.6 dB
Noah:	61.6 LAeq	107.1 dB
Sandy:	44.9 LAeq	113.0 dB
Water Tower:	51.9 LAeq	115.2 dB
Wilson:	65.1 LAeq	116.0 dB

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

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	7.4	4.4	5.8
Edwards:	5.0	5.7	4.5	5.5
Hollinger Office:	4.5	5.4	10.5	13.8
Sandy:	11.0	15.0	15.0	23.1

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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:	0.8	1.0
Edwards:	1.5	1.8
Hollinger Office:	2.7	4.1
Sandy:	6.4	10.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.5	2.2	2.2
Edwards:	0.5	0.4	0.3
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.4	0.4	0.6
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.7	0.4