

Hollinger Public Blast Report



Blast Pattern: 3346_026, 3346_043 C&D
Date: 21-Feb-18
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 21000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: -14 °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:	53.7 LAeq	107.0 dB
Edwards:	47.7 LAeq	105.8 dB
Fred:	41.8 LAeq	108.0 dB
Hollinger Office:	55.9 LAeq	112.8 dB
Noah:	60.1 LAeq	108.7 dB
Sandy:	42.1 LAeq	110.7 dB
Water Tower:	45.5 LAeq	113.5 dB
Wilson:	50.9 LAeq	106.0 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	6.9	4.6	5.7
Edwards:	8.1	11.6	10.1	15.4
Hollinger Office:	5.7	8.1	9.6	10.3
Sandy:	2.2	2.5	6.2	7.1

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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:	5.6	8.6
Edwards:	4.8	6.6
Hollinger Office:	1.4	4.4
Sandy:	2.9	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	0.3	0.3	0.2
Imerys:	1.4	0.7	0.6
Noah:	0.8	0.9	0.9
Moneta Pumping Station:	1.6	0.8	1.0
Sandy:	1.6	1.1	2.5
Water Tower:	0.7	0.6	0.8
Wilson:	1.2	0.9	0.9