

Hollinger Public Blast Report

Blast Pattern: 3280 outcrop
Date: 4-Feb-22
Blast Time: 11:32
Blast Sign Activation: 7:25
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 12,139 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 0
Wind Direction: N
Temperature: -22 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	51.7 LAeq	96.3 dB
Edwards:	51.9 LAeq	95.0 dB
Fred:	38.0 LAeq	92.2 dB
Hollinger Office:	54.1 LAeq	97.2 dB
Noah:	61.1 LAeq	101.9 dB
Sandy:	40.0 LAeq	95.6 dB
Water Tower:	43.4 LAeq	94.5 dB
Wilson:	48.9 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	10.0	7.1	8.3
Edwards:	5.7	6.2	16.7	18.0
Hollinger Office:	8.9	9.4	15.8	17.3
Sandy:	4.9	5.8	12.1	14.4

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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:	3.4	4.3
Edwards:	1.8	2.5
Hollinger Office:	3.7	7.5
Sandy:	3.0	8.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.2	0.0
Noah:	0.2	0.1	1.0
Moneta Pumping Station:	0.0	0.2	0.4
Sandy:	0.2	0.1	1.6
Water Tower:	0.1	0.2	0.6
Wilson:	0.2	0.2	1.2