

Hollinger Public Blast Report

Blast Pattern: 3346_094
Date: 1-Apr-18
Blast Time: 11:50
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: NW
Temperature: -7.6 °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:	52.6 LAeq	114.5 dB
Edwards:	48.0 LAeq	112.5 dB
Fred:	44.8 LAeq	113.2 dB
Hollinger Office:	55.1 LAeq	112.2 dB
Noah:	60.3 LAeq	111.7 dB
Sandy:	44.1 LAeq	111.8 dB
Water Tower:	49.2 LAeq	120.3 dB
Wilson:	46.9 LAeq	112.2 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:	10.7	23.8	12.5	33.3
Edwards:	16.9	51.1	20.5	52.0
Hollinger Office:	34.7	73.9	42.5	79.7
Sandy:	4.5	6.3	4.6	7.2

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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:	2.6	6.7
Edwards:	6.8	12.1
Hollinger Office:	7.6	18.0
Sandy:	1.0	1.2

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:	0.2	0.1	0.2
Hollinger Office:	0.6	0.7	1.2
Hollinger West:	0.6	0.5	0.4
Imerys:	2.9	1.1	1.3
Noah:	1.3	0.9	2.1
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.7	0.4	0.6
Water Tower:	1.4	0.8	1.4
Wilson:	1.0	1.0	1.2