

Hollinger Public Blast Report

Blast Pattern: 3346_103
Date: 5-May-18
Blast Time: 11:46
Blast Sign Activation: 7:40
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 6200 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9.7 km/hr
Wind Direction: NW
Temperature: 9.9 °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:	56.4 LAeq	110.1 dB
Edwards:	52.3 LAeq	104.8 dB
Fred:	43.8 LAeq	102.7 dB
Hollinger Office:	53.8 LAeq	106.6 dB
Noah:	60.7 LAeq	106.6 dB
Sandy:	45.2 LAeq	104.2 dB
Water Tower:	47.6 LAeq	115.6 dB
Wilson:	46.1 LAeq	105.4 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:	11.6	13.7	12.0	14.7
Edwards:	7.6	10.2	20.0	24.1
Hollinger Office:	20.5	26.9	31.9	50.3
Sandy:	4.0	4.5	11.5	19.4

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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:	2.2	3.8
Edwards:	1.6	3.9
Hollinger Office:	1.3	1.5
Sandy:	1.3	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.7	0.3	0.7
Hollinger West:	0.2	0.2	0.3
Imerys:	1.1	1.2	1.2
Noah:	0.9	0.5	1.2
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.2	0.2
Water Tower:	0.7	0.6	1.1
Wilson:	0.4	0.3	0.4