

Hollinger Public Blast Report

Blast Pattern: 3394_080
Date: 22-May-15
Blast Time: 15:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1600 m
Boundary Layer Height: 1740 m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: NW
Temperature: 3.8 °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:	59.1 LAeq	108.8 dB
Edwards:	56.9 LAeq	103.4 dB
Fred:	48.8 LAeq	103.9 dB
Hollinger Office:	57.3 LAeq	108.3 dB
Noah:	62.9 LAeq	103.2 dB
Sandy:	54.4 LAeq	106.6 dB
Water Tower:	52.8 LAeq	120.1 dB
Wilson:	48.7 LAeq	105.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	9.1	18.4	19.7
Edwards:	7.6	9.0	12.3	17.0
Hollinger Office:	10.5	13.5	14.8	21.4
Hollinger Park:	24.8	37.9	34.0	57.7
Sandy:	19.5	55.1	31.3	104.7

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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:	0.4	0.6
Edwards:	4.4	14.2
Hollinger Office:	2.8	3.6
Hollinger Park:	4.9	8.4
Sandy:	14.5	90.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.5
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.7	1.1	0.5
Moneta Pumping Station:	1.0	0.7	0.8
Sandy:	3.0	1.5	1.4
Water Tower:	0.4	0.1	0.4
Wilson:	0.6	0.5	0.4