

Hollinger Public Blast Report

Blast Pattern: 3346_006 E/F & 3352_010
Date: 19-May-17
Blast Time: 15:43
Blast Sign Activation: 9:00
Website Notification Time: 9:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 8.5 km/hr
Wind Direction: NNW
Temperature: 5.5 °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:	56.9 LAeq	99.2 dB
Edwards:	54.0 LAeq	99.0 dB
Fred:	45.5 LAeq	98.5 dB
Hollinger Office:	55.1 LAeq	101.6 dB
Noah:	63.1 LAeq	103.0 dB
Sandy:	42.3 LAeq	109.7 dB
Water Tower:	50.0 LAeq	105.9 dB
Wilson:	50.5 LAeq	107.5 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:	7.2	7.4	14.4	15.2
Edwards:	6.5	6.8	7.6	8.8
Hollinger Office:	8.3	9.3	10.4	15.4
Hollinger Park:	8.0	10.6	10.8	21.3
Sandy:	8.1	11.6	9.5	14.0

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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:	2.4	4.0
Edwards:	0.2	0.5
Hollinger Office:	2.8	5.6
Hollinger Park:	1.3	4.6
Sandy:	4.2	7.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	1.7	1.1	2.5
Imerys:	0.4	0.3	0.4
Noah:	0.6	0.2	0.7
Moneta Pumping Station:	1.0	0.6	1.4
Sandy:	0.9	0.4	0.7
Water Tower:	0.6	0.3	0.8
Wilson:	3.3	2.3	3.4