

Hollinger Public Blast Report

Blast Pattern: 3358_096A
Date: 20-May-17
Blast Time: 11:43
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: E
Temperature: 9.8 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.5 LAeq	100.3 dB
Edwards:	46.7 LAeq	104.2 dB
Fred:	43.9 LAeq	99.2 dB
Hollinger Office:	52.8 LAeq	105.3 dB
Noah:	59.8 LAeq	109.0 dB
Sandy:	42.0 LAeq	102.6 dB
Water Tower:	49.0 LAeq	111.8 dB
Wilson:	47.9 LAeq	103.4 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:	8.7	8.8	15.1	15.4
Edwards:	5.0	5.5	9.0	11.0
Hollinger Office:	8.3	9.3	10.0	18.1
Hollinger Park:	9.2	16.3	19.1	40.5
Sandy:	5.9	6.9	8.5	10.6

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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:	1.8	2.9
Edwards:	0.1	0.3
Hollinger Office:	1.7	3.9
Hollinger Park:	3.6	6.8
Sandy:	4.2	10.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	1.0	0.6	0.5
Hollinger West:	0.4	0.2	0.4
Imerys:	1.3	1.3	1.3
Noah:	0.8	0.9	0.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.4	0.2	0.3
Water Tower:	2.9	1.5	3.1
Wilson:	1.4	1.2	0.9