

Hollinger Public Blast Report

Blast Pattern: 3352_047 WS
Date: 27-Apr-17
Blast Time: 11:38
Blast Sign Activation: 8:15
Website Notification Time: 7:51

Blast Conditions

Ceiling Height: 7620 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13.6 km/hr
Wind Direction: NW
Temperature: 18.6 °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:	54.1 LAeq	105.6 dB
Edwards:	47.7 LAeq	108.5 dB
Fred:	45.3 LAeq	108.6 dB
Hollinger Office:	54.7 LAeq	108.2 dB
Noah:	61.4 LAeq	106.3 dB
Sandy:	53.8 LAeq	114.2 dB
Water Tower:	59.1 LAeq	115.5 dB
Wilson:	51.5 LAeq	106.2 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:	9.4	10.2	15.1	16.1
Edwards:	4.7	5.5	10.0	11.3
Hollinger Office:	15.4	15.9	10.5	11.6
Hollinger Park:	4.0	10.8	13.7	26.3
Sandy:	6.0	7.3	10.6	13.9

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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:	3.8	5.9
Edwards:	0.9	2.8
Hollinger Office:	4.6	11.0
Hollinger Park:	9.2	21.5
Sandy:	3.0	3.5

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:	0.3	0.2	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	1.3	0.5	0.8
Imerys:	0.2	0.3	0.2
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	1.5	1.2	1.4
Sandy:	1.7	1.8	1.7
Water Tower:	0.8	0.5	0.5
Wilson:	0.7	0.4	0.3