

Hollinger Public Blast Report

Blast Pattern: 3358_105
Date: 14-Jul-17
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: NW
Temperature: 21.4 °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:	53.7 LAeq	103.4 dB
Edwards:	46.8 LAeq	97.9 dB
Fred:	43.4 LAeq	88.9 dB
Hollinger Office:	56.9 LAeq	110.6 dB
Noah:	60.8 LAeq	100.2 dB
Sandy:	52.1 LAeq	104.6 dB
Water Tower:	53.8 LAeq	108.6 dB
Wilson:	48.1 LAeq	96.7 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:	9.3	10.9	17.2	20.0
Edwards:	21.7	45.7	44.4	104.7
Hollinger Office:	19.0	24.4	33.4	49.0
Sandy:	19.3	24.9	21.7	33.5

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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:	0.0	0.0
Edwards:	7.7	17.6
Hollinger Office:	3.1	5.7
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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