

Hollinger Public Blast Report

Blast Pattern: 3358_089 / 3346_006A
Date: 12-May-17
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 7315 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 2 km/hr
Wind Direction: NE
Temperature: 18 °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:	53.1 LAeq	104.9 dB
Edwards:	44.9 LAeq	98.8 dB
Fred:	50.2 LAeq	93.6 dB
Hollinger Office:	52.3 LAeq	109.2 dB
Noah:	60.2 LAeq	105.4 dB
Sandy:	46.0 LAeq	110.0 dB
Water Tower:	61.0 LAeq	113.1 dB
Wilson:	50.4 LAeq	116.9 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:	10.0	11.6	13.6	20.1
Edwards:	7.2	7.5	10.0	11.1
Hollinger Office:	14.6	16.9	12.9	20.0
Hollinger Park:	11.8	15.2	17.1	26.7
Sandy:	9.6	13.1	10.5	19.2

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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:	3.5	5.3
Edwards:	0.1	0.9
Hollinger Office:	5.2	14.2
Hollinger Park:	2.5	7.7
Sandy:	1.3	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.3	0.7
Hollinger West:	2.9	1.5	2.3
Imerys:	0.9	0.5	1.0
Noah:	1.5	1.0	0.9
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	0.6	0.4	0.5
Water Tower:	1.8	0.7	1.1
Wilson:	2.0	1.0	2.1