

Hollinger Public Blast Report

Blast Pattern: 3364_218
Date: 23-Mar-17
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7017 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: S
Temperature: -3.4 °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:	52.0 LAeq	107.2 dB
Edwards:	46.5 LAeq	101.6 dB
Fred:	44.3 LAeq	101.8 dB
Hollinger Office:	52.3 LAeq	110.4 dB
Noah:	58.8 LAeq	102.9 dB
Sandy:	52.2 LAeq	106.7 dB
Water Tower:	62.1 LAeq	115.1 dB
Wilson:	49.2 LAeq	104.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.6	24.5	18.6	41.7
Edwards:	10.9	13.4	13.6	16.6
Hollinger Office:	35.1	64.2	39.9	91.9
Hollinger Park:	30.6	64.3	46.2	106.2
Sandy:	9.8	12.5	10.4	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:	4.2	5.7
Edwards:	1.0	3.1
Hollinger Office:	7.2	16.6
Hollinger Park:	4.4	10.5
Sandy:	1.7	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.1	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.6	0.5	0.6
Imerys:	0.6	0.5	0.6
Noah:	0.6	1.6	0.9
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.4	0.2
Water Tower:	0.0	0.0	0.0
Wilson:	0.5	0.6	0.4