

Hollinger Public Blast Report

Blast Pattern: 3376_087
Date: 05-Jan-16
Blast Time: 11:36
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2956 m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 16.5 km/hr
Wind Direction: NE
Temperature: -4.8 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due blast sirens.

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	52.1 LAeq	107.6 dB
Edwards:	59.8 LAeq	115.4 dB
Fred:	49.2 LAeq	118.6 dB
Hollinger Office:	67.2 LAeq	118.7 dB
Noah:	59.5 LAeq	116.4 dB
Sandy:	55.9 LAeq	117.0 dB
Water Tower:	57.4 LAeq	118.6 dB
Wilson:	53.6 LAeq	116.1 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:	5.8	7.0	4.6	8.2
Edwards:	1.3	1.4	6.8	8.6
Hollinger Office:	5.2	5.7	17.1	22.6
Hollinger Park:	1.4	1.6	6.6	9.5
Sandy:	1.1	1.4	4.1	6.4

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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:	1.0	1.9
Edwards:	3.6	4.4
Hollinger Office:	2.4	2.8
Hollinger Park:	1.8	2.4
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.3	0.3	0.2
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	1.6	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.3	0.5	0.3
Sandy:	1.4	2.1	1.7
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.5	0.9