

Hollinger Public Blast Report

Blast Pattern: 3352_015
Date: 9-May-17
Blast Time: 15:38
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 1500 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 10.1 °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:	54.3 LAeq	97.2 dB
Edwards:	45.9 LAeq	95.5 dB
Fred:	41.8 LAeq	91.0 dB
Hollinger Office:	54.2 LAeq	103.0 dB
Noah:	61.1 LAeq	103.8 dB
Sandy:	44.9 LAeq	109.4 dB
Water Tower:	49.4 LAeq	106.5 dB
Wilson:	50.1 LAeq	99.2 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:	7.0	7.6	8.3	9.5
Edwards:	5.0	5.8	5.3	7.4
Hollinger Office:	9.0	10.5	5.2	11.7
Hollinger Park:	10.9	27.1	16.9	46.1
Sandy:	4.7	9.2	6.9	14.4

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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:	3.6	4.4
Edwards:	0.9	1.8
Hollinger Office:	5.7	14.7
Hollinger Park:	3.0	14.0
Sandy:	1.0	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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