

Hollinger Public Blast Report

Blast Pattern: 3358_091
Date: 1-May-17
Blast Time: 11:38
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 6500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: NE
Temperature: 10.7 °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:	56.6 LAeq	104.9 dB
Edwards:	54.9 LAeq	106.4 dB
Fred:	46.3 LAeq	103.5 dB
Hollinger Office:	56.8 LAeq	108.3 dB
Noah:	62.9 LAeq	109.3 dB
Sandy:	46.8 LAeq	104.8 dB
Water Tower:	59.1 LAeq	111.6 dB
Wilson:	52.8 LAeq	105.0 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:	8.0	8.2	9.5	9.9
Edwards:	6.3	7.0	6.5	8.3
Hollinger Office:	9.7	10.2	2.2	3.5
Hollinger Park:	56.9	71.4	59.0	77.6
Sandy:	9.1	10.9	7.1	8.8

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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:	3.7	5.1
Edwards:	1.7	2.3
Hollinger Office:	4.8	6.1
Hollinger Park:	14.4	16.6
Sandy:	5.8	15.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.3	0.3
Noah:	0.7	0.6	0.9
Moneta Pumping Station:	0.7	0.3	0.7
Sandy:	0.5	0.7	0.7
Water Tower:	0.3	0.3	0.4
Wilson:	1.1	0.8	1.5