

Hollinger Public Blast Report

Blast Pattern: 3352_033
Date: 25-May-17
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 1981 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 5.3 km/hr
Wind Direction: W
Temperature: 14.1 °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:	55.2 LAeq	98.5 dB
Edwards:	53.9 LAeq	100.4 dB
Fred:	44.6 LAeq	92.9 dB
Hollinger Office:	54.2 LAeq	102.4 dB
Noah:	60.3 LAeq	105.5 dB
Sandy:	43.7 LAeq	107.2 dB
Water Tower:	53.2 LAeq	111.1 dB
Wilson:	51.6 LAeq	105.6 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:	9.4	10.5	21.3	22.6
Edwards:	2.4	3.3	12.4	16.0
Hollinger Office:	10.6	12.0	20.1	26.3
Hollinger Park:	11.9	20.3	17.8	31.4
Sandy:	7.4	9.7	7.3	11.2

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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:	3.6	4.6
Edwards:	1.3	2.5
Hollinger Office:	4.3	6.4
Hollinger Park:	2.9	7.4
Sandy:	7.5	25.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.8	0.4	0.6
Imerys:	0.5	0.3	0.6
Noah:	0.6	0.4	0.5
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	1.2	1.1	1.1
Water Tower:	0.7	0.2	0.6
Wilson:	1.8	1.9	2.2