

Hollinger Public Blast Report

Blast Pattern: 3358_021
Date: 13-Oct-16
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 213 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 2.8 km/hr
Wind Direction: E
Temperature: 1.5 °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:	56.7 LAeq	101.3 dB
Edwards:	58.8 LAeq	97.5 dB
Fred:	42.9 LAeq	94.6 dB
Hollinger Office:	67.4 LAeq	105.2 dB
Noah:	61.3 LAeq	107.0 dB
Sandy:	51.9 LAeq	112.3 dB
Water Tower:	47.8 LAeq	111.2 dB
Wilson:	51.4 LAeq	111.9 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:	0.4	1.3	1.8	3.1
Edwards:	1.9	2.1	3.0	6.0
Hollinger Office:	12.4	24.9	11.8	21.8
Hollinger Park:	12.0	16.8	17.9	34.0
Sandy:	1.8	2.2	1.4	2.7

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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:	2.7	5.9
Edwards:	3.0	6.7
Hollinger Office:	3.9	5.7
Hollinger Park:	4.1	8.5
Sandy:	0.7	1.3

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	0.3
Hollinger West:	4.6	4.5	6.9
Imerys:	1.0	1.2	1.5
Noah:	0.7	0.8	0.7
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	0.6	0.9	0.6
Water Tower:	2.5	1.3	1.9
Wilson:	4.7	3.7	4.6