

Hollinger Public Blast Report

Blast Pattern: 3382_118 & 3382_121
Date: 17-Aug-15
Blast Time: 15:42
Blast Sign Activation: 8:10
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 730 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/hr
Wind Direction: W
Temperature: 21.6 °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:	56.1 LAeq	113.2 dB
Edwards:	58.2 LAeq	106.8 dB
Fred:	49.6 LAeq	101.8 dB
Hollinger Office:	67.9 LAeq	115.1 dB
Noah:	62.0 LAeq	106.8 dB
Sandy:	54.5 LAeq	107.7 dB
Water Tower:	52.3 LAeq	114.3 dB
Wilson:	51.5 LAeq	104.4 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:	12.0	12.5	14.4	15.3
Edwards:	11.6	12.2	23.6	26.9
Hollinger Office:	18.9	20.2	24.2	28.0
Hollinger Park:	17.1	26.6	29.7	47.5
Sandy:	15.1	21.0	25.4	42.7

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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:	0.9	1.8
Edwards:	1.1	2.1
Hollinger Office:	3.1	4.6
Hollinger Park:	4.0	6.1
Sandy:	9.1	38.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.9	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.1	0.1
Hollinger West:	0.2	0.2	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	3.5	1.3	3.9
Sandy:	5.5	3.1	7.0
Water Tower:	0.3	0.2	0.3
Wilson:	0.5	0.3	0.5