

Hollinger Public Blast Report



Blast Pattern: 3388_129A/B/P/S, 3382_083
Date: 1-Sep-15
Blast Time: 15:51
Blast Sign Activation: 8:00
Website Notification Time: 11:45

Blast Conditions

Ceiling Height: 700 m
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 10 km/hr
Wind Direction: SW
Temperature: 26.8 °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:	55.6 LAeq	113.2 dB
Edwards:	54.8 LAeq	116.6 dB
Fred:	47.0 LAeq	115.0 dB
Hollinger Office:	60.2 LAeq	119.3 dB
Noah:	61.6 LAeq	116.7 dB
Sandy:	53.4 LAeq	120.2 dB
Water Tower:	51.6 LAeq	123.6 dB
Wilson:	53.6 LAeq	113.6 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:	33.6	34.2	46.3	47.7
Edwards:	47.1	120.6	136.7	394.7
Hollinger Office:	44.1	51.2	87.4	101.8
Hollinger Park:	33.8	40.7	77.6	91.3
Sandy:	30.1	32.9	64.8	74.1

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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:	3.1	8.1
Edwards:	9.3	29.4
Hollinger Office:	11.0	12.9
Hollinger Park:	3.6	6.3
Sandy:	1.3	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.0
Hollinger West:	0.1	0.0	0.1
Imerys:	0.1	0.1	0.2
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.1	0.3	0.1
Water Tower:	0.0	0.1	0.1
Wilson:	0.1	0.2	0.1