

Hollinger Public Blast Report

Blast Pattern: 3388_116/3382_121 Pre-Shear
Date: 22-Aug-15
Blast Time: 15:57
Blast Sign Activation: 11:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6030 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 25.5 °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:	55.3 LAeq	110.2 dB
Edwards:	54.8 LAeq	105.3 dB
Fred:	51.0 LAeq	107.7 dB
Hollinger Office:	59.4 LAeq	112.8 dB
Noah:	61.6 LAeq	115.8 dB
Sandy:	61.3 LAeq	109.8 dB
Water Tower:	65.6 LAeq	109.5 dB
Wilson:	54.4 LAeq	105.4 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: Malfunction in TSP unit at Edward Stations

(bugs have gotten caught inside sensor, repairs in progress on Edwards and Sandy)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	8.2	8.5	11.0
Edwards:	6.1	7.5	19.5	22.0
Hollinger Office:	25.1	41.9	33.6	54.6
Hollinger Park:	6.0	11.3	23.1	53.8
Sandy:	3.1	3.8	16.0	20.6

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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:	2.1	5.5
Edwards:	1.0	1.8
Hollinger Office:	10.3	21.7
Hollinger Park:	11.6	39.5
Sandy:	0.5	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.2
Edwards:	0.4	0.4	0.3
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.4
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	8.1	1.6	5.5
Sandy:	2.1	1.4	1.2
Water Tower:	0.4	0.2	0.4
Wilson:	0.5	0.5	0.5