

Hollinger Public Blast Report

Blast Pattern: 3382_082
Date: 20-Aug-15
Blast Time: 11:39
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1036 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 4 km/hr
Wind Direction: SW
Temperature: 15.8 °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:	56.3 LAeq	104.1 dB
Edwards:	50.8 LAeq	103.8 dB
Fred:	48.7 LAeq	98.5 dB
Hollinger Office:	61.5 LAeq	105.2 dB
Noah:	64.4 LAeq	102.4 dB
Sandy:	51.7 LAeq	106.3 dB
Water Tower:	55.5 LAeq	107.7 dB
Wilson:	54.4 LAeq	98.8 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:	8.9	10.1	0.8	9.8
Edwards:	6.6	7.5	15.0	21.1
Hollinger Office:	6.3	8.0	14.2	17.3
Hollinger Park:	8.1	9.7	11.7	16.6
Sandy:	9.4	23.7	16.6	36.8

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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:	0.1	1.6
Edwards:	2.9	4.9
Hollinger Office:	8.1	19.7
Hollinger Park:	6.6	13.2
Sandy:	21.5	84.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.2	0.1	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.5	0.2	0.3
Noah:	0.4	0.6	0.3
Moneta Pumping Station:	1.3	0.5	0.6
Sandy:	2.3	1.7	2.5
Water Tower:	0.3	0.2	0.4
Wilson:	0.6	0.5	0.4