

Hollinger Public Blast Report

Blast Pattern: 3370_042
Date: 21-Aug-15
Blast Time: 11:43
Blast Sign Activation: 9:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 670 m
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 17.3 °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:	56.2 LAeq	104.9 dB
Edwards:	52.9 LAeq	101.3 dB
Fred:	49.5 LAeq	108.8 dB
Hollinger Office:	62.4 LAeq	109.4 dB
Noah:	63.1 LAeq	105.0 dB
Sandy:	52.6 LAeq	110.5 dB
Water Tower:	56.4 LAeq	112.9 dB
Wilson:	51.9 LAeq	106.9 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:	2.6	3.0	4.0	5.5
Edwards:	5.8	15.9	9.2	20.0
Hollinger Office:	12.9	29.9	17.5	23.3
Hollinger Park:	5.8	8.2	12.9	19.4
Sandy:	1.7	2.0	5.6	7.0

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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:	2.5	4.7
Edwards:	9.1	21.0
Hollinger Office:	5.3	6.9
Hollinger Park:	3.4	7.9
Sandy:	2.4	8.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.3	0.2	0.2
Imerys:	0.7	0.7	0.8
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	0.6	0.3	0.4
Sandy:	2.8	2.2	1.7
Water Tower:	1.4	0.8	3
Wilson:	1.0	1.1	1.3