

Hollinger Public Blast Report

Blast Pattern: 3370_037
Date: 11-Aug-15
Blast Time: 15:38
Blast Sign Activation: 7:45
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 488 m
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: N
Temperature: 16.3 °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:	57.9 LAeq	110.3 dB
Edwards:	52.7 LAeq	100.7 dB
Fred:	50.4 LAeq	106.8 dB
Hollinger Office:	60.9 LAeq	115.5 dB
Noah:	61.1 LAeq	109.3 dB
Sandy:	53.7 LAeq	108.8 dB
Water Tower:	57.7 LAeq	123.3 dB
Wilson:	52.1 LAeq	109.2 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, Sandy is operational)

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	3.9	2.3	2.9
Edwards:	3.4	3.7	298.6	300.8
Hollinger Office:	7.2	9.3	5.5	8.7
Hollinger Park:	7.9	11.8	12.3	25.0
Sandy:	6.5	19.3	15.8	52.1

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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:	0.8	1.5
Edwards:	0.8	1.1
Hollinger Office:	1.6	8.6
Hollinger Park:	2.1	2.9
Sandy:	3.7	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.3	1.3
Hollinger West:	0.3	0.2	0.3
Imerys:	1	1	1.1
Noah:	1.2	0.8	1.2
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	2.5	1.5	3.2
Water Tower:	3.2	1.5	3.7
Wilson:	0.9	1.1	0.8