

Hollinger Public Blast Report

Blast Pattern: 3364_064
Date: 17-Apr-16
Blast Time: 11:43
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 243 m
Boundary Layer Height: 350 m
Cloud Cover: 100% Overcast
Wind Speed: 10.3 km/hr
Wind Direction: SW
Temperature: 3.6 °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:	54.9 LAeq	106.4 dB
Edwards:	58.9 LAeq	97.4 dB
Fred:	44.4 LAeq	95.4 dB
Hollinger Office:	63.2 LAeq	107.7 dB
Noah:	58.9 LAeq	99.2 dB
Sandy:	64.5 LAeq	100.3 dB
Water Tower:	48.8 LAeq	102.8 dB
Wilson:	46.2 LAeq	93.6 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:	12.4	12.8	5.3	6.0
Edwards:	7.1	8.4	12.2	15.3
Hollinger Office:	11.3	14.4	11.5	15.7
Hollinger Park:	15.3	29.6	23.4	49.7
Sandy:	10.7	15.1	13.2	33.4

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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:	1.0	1.4
Edwards:	2.8	7.1
Hollinger Office:	1.8	2.8
Hollinger Park:	2.1	6.4
Sandy:	11.7	29.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.8	1.1
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.3	0.9
Moneta Pumping Station:	0.6	0.5	0.5
Sandy:	0.5	0.5	0.5
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.6	0.6