

Hollinger Public Blast Report

Blast Pattern: 3364_155
Date: 29-Aug-16
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 792 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6.2 km/hr
Wind Direction: NNE
Temperature: 20.4 °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:	53.6 LAeq	108.2 dB
Edwards:	55.7 LAeq	102.3 dB
Fred:	48.0 LAeq	95.1 dB
Hollinger Office:	62.8 LAeq	112.3 dB
Noah:	61.2 LAeq	103.1 dB
Sandy:	61.7 LAeq	101.1 dB
Water Tower:	63.1 LAeq	111.8 dB
Wilson:	49.2 LAeq	88.6 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:	3.1	3.3	0.0	0.2
Edwards:	5.5	9.6	8.8	15.6
Hollinger Office:	6.9	10.5	11.2	14.8
Hollinger Park:	9.8	15.9	17.7	32.4
Sandy:	2.7	3.3	5.7	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:	0.8	2.0
Edwards:	4.1	17.7
Hollinger Office:	2.4	4.1
Hollinger Park:	1.7	6.1
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.3	0.5	1.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.6	0.6	1.2
Noah:	1.3	0.5	1.0
Moneta Pumping Station:	0.4	0.1	0.3
Sandy:	0.2	0.5	0.2
Water Tower:	0.4	0.3	1.0
Wilson:	1.0	0.5	0.7