

Hollinger Public Blast Report

Blast Pattern: 3340_001
Date: 28-Aug-17
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 7010 m
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 22 km/hr
Wind Direction: S
Temperature: 21.3 °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:	54.0 LAeq	99.6 dB
Edwards:	50.2 LAeq	103.2 dB
Fred:	45.9 LAeq	106.3 dB
Hollinger Office:	55.7 LAeq	108.1 dB
Noah:	61.9 LAeq	104.6 dB
Sandy:	52.0 LAeq	109.8 dB
Water Tower:	51.2 LAeq	109.3 dB
Wilson:	52.1 LAeq	103.1 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:	19.7	28.0	27.1	49.8
Edwards:	10.6	11.1	37.1	39.7
Hollinger Office:	37.0	110.8	68.9	150.7
Sandy:	13.4	15.0	34.1	40.5

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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:	1.6	4.9
Edwards:	2.5	4.5
Hollinger Office:	8.0	17.1
Sandy:	1.0	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.3	0.4
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	1.5	1.0	1.7
Sandy:	1.3	1.0	1.3
Water Tower:	0.4	0.2	0.5
Wilson:	1.2	1.1	1.2