

Hollinger Public Blast Report

Blast Pattern: 3358_124
Date: 30-Sep-17
Blast Time: 8:49
Blast Sign Activation: 8:25
Website Notification Time: 11:37

Blast Conditions

Ceiling Height: 8500 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 3.6 km/hr
Wind Direction: W
Temperature: 9.2 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.0 LAeq	103.4 dB
Edwards:	49.2 LAeq	100.2 dB
Fred:	45.3 LAeq	101.0 dB
Hollinger Office:	55.9 LAeq	111.7 dB
Noah:	62.6 LAeq	104.3 dB
Sandy:	47.5 LAeq	104.9 dB
Water Tower:	50.9 LAeq	111.0 dB
Wilson:	50.0 LAeq	105.2 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:	2.2	3.2	1.2	4.0
Edwards:	5.4	9.3	9.6	15.8
Hollinger Office:	35.2	110.6	31.0	105.3
Sandy:	2.3	3.2	0.0	0.0

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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:	0.5	1.1
Edwards:	5.2	11.2
Hollinger Office:	4.3	10.6
Sandy:	0.7	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.7	1.4
Hollinger West:	0.2	0.3	0.4
Imerys:	1.2	0.9	1.1
Noah:	1.1	0.9	1.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.6	0.4	0.8
Water Tower:	0.8	0.3	0.6
Wilson:	1.2	0.5	0.9