

Hollinger Public Blast Report

Blast Pattern: 3358_109
Date: 17-Jun-17
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5500 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 5 km/hr
Wind Direction: S
Temperature: 16.5 °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:	55.8 LAeq	103.0 dB
Edwards:	50.3 LAeq	101.8 dB
Fred:	48.6 LAeq	95.5 dB
Hollinger Office:	55.6 LAeq	109.1 dB
Noah:	62.3 LAeq	103.0 dB
Sandy:	48.3 LAeq	100.2 dB
Water Tower:	52.7 LAeq	106.9 dB
Wilson:	50.9 LAeq	94.8 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:	0.0	0.0	0.0	0.0
Edwards:	5.6	6.8	8.6	9.5
Hollinger Office:	10.6	13.8	10.4	15.2
Sandy:	0.0	0.0	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:	0.0	0.0
Edwards:	6.0	11.5
Hollinger Office:	9.0	18.7
Sandy:	0.0	0.0

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:	0.2	0.1	0.2
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.3	0.4
Noah:	0.8	0.3	0.6
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.3	0.2	0.4
Water Tower:	0.3	0.2	0.6
Wilson:	0.7	0.5	0.8