

Hollinger Public Blast Report

Blast Pattern: 3358_110 & 3346_028ABC
Date: 8-Jun-17
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 25.5 °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:	55.3 LAeq	106.1 dB
Edwards:	50.3 LAeq	104.8 dB
Fred:	46.5 LAeq	104.8 dB
Hollinger Office:	54.6 LAeq	110.4 dB
Noah:	63.8 LAeq	106.7 dB
Sandy:	48.6 LAeq	108.7 dB
Water Tower:	53.3 LAeq	114.5 dB
Wilson:	50.1 LAeq	107.2 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:	13.2	15.5	29.8	34.1
Edwards:	32.0	41.5	44.5	67.4
Hollinger Office:	36.9	46.9	49.0	63.2
Sandy:	12.9	16.3	18.1	29.7

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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:	3.2	12.1
Edwards:	6.4	13.8
Hollinger Office:	8.1	12.1
Sandy:	1.0	1.3

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	0.4
Hollinger West:	0.5	0.4	0.5
Imerys:	0.3	0.4	0.3
Noah:	0.7	0.4	0.5
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.8	0.5	0.8
Water Tower:	0.4	0.2	0.6
Wilson:	2.1	0.8	1.9