

Hollinger Public Blast Report

Blast Pattern: 3358_103 and 3352_043
Date: 6-Jun-17
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6705 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10 km/hr
Wind Direction: E
Temperature: 22.3 °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:	55.6 LAeq	103.2 dB
Edwards:	54.3 LAeq	105.0 dB
Fred:	45.4 LAeq	105.2 dB
Hollinger Office:	54.1 LAeq	107.1 dB
Noah:	59.7 LAeq	106.0 dB
Sandy:	44.5 LAeq	108.5 dB
Water Tower:	49.4 LAeq	118.9 dB
Wilson:	52.7 LAeq	110.6 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:	8.9	9.3	21.8	22.5
Edwards:	4.8	5.3	10.9	12.8
Hollinger Office:	12.6	20.8	18.8	48.7
Hollinger Park:	17.8	33.6	24.7	45.5
Sandy:	14.3	27.7	15.0	33.9

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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:	2.2	2.8
Edwards:	0.4	0.7
Hollinger Office:	1.3	1.8
Hollinger Park:	2.8	5.9
Sandy:	3.3	10.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.9	0.7	0.9
Imerys:	0.5	0.4	0.5
Noah:	0.6	0.3	0.7
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	2.0	1.7	1.7
Water Tower:	1.0	0.3	0.6
Wilson:	4.0	4.9	3.0