

Hollinger Public Blast Report

Blast Pattern: 3352_031/3352_049
Date: 17-May-17
Blast Time: 15:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 762 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: 19.2 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	57.0 LAeq	102.5 dB
Edwards:	51.4 LAeq	100.6 dB
Fred:	45.2 LAeq	101.3 dB
Hollinger Office:	55.9 LAeq	106.8 dB
Noah:	61.9 LAeq	101.8 dB
Sandy:	45.8 LAeq	109.8 dB
Water Tower:	48.6 LAeq	115.7 dB
Wilson:	49.1 LAeq	102.0 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:	14.2	15.8	30.6	33.5
Edwards:	14.1	17.6	22.4	30.5
Hollinger Office:	22.3	25.6	20.4	27.3
Hollinger Park:	27.8	34.7	34.0	42.9
Sandy:	11.3	12.8	20.2	22.6

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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:	4.5	5.7
Edwards:	1.3	1.9
Hollinger Office:	3.9	5.5
Hollinger Park:	5.7	10.0
Sandy:	2.9	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.2	0.2
Hollinger West:	0.6	0.4	0.5
Imerys:	0.5	0.4	0.5
Noah:	0.4	0.8	0.6
Moneta Pumping Station:	3.3	1.9	2.8
Sandy:	1.3	1.5	1.3
Water Tower:	1.2	0.5	1.5
Wilson:	1.7	2.0	2.0