

Hollinger Public Blast Report

Blast Pattern: 3352_050 and 3352_007
Date: 28-May-17
Blast Time: 0:00
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2346 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: S
Temperature: 10.7 °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:	53.2 LAeq	100.7 dB
Edwards:	44.3 LAeq	99.4 dB
Fred:	44.7 LAeq	90.3 dB
Hollinger Office:	58.2 LAeq	108.5 dB
Noah:	62.9 LAeq	103.0 dB
Sandy:	44.3 LAeq	109.0 dB
Water Tower:	48.0 LAeq	110.2 dB
Wilson:	46.1 LAeq	100.8 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:	11.2	11.8	28.8	31.1
Edwards:	7.1	8.7	14.9	18.2
Hollinger Office:	13.7	17.9	19.4	33.2
Hollinger Park:	5.5	7.6	15.2	17.5
Sandy:	6.6	7.4	11.0	13.3

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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:	3.8	9.2
Edwards:	1.1	2.7
Hollinger Office:	4.9	8.8
Hollinger Park:	0.3	1.1
Sandy:	0.7	0.9

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:	0.3	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.1	0.2	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	1.7	1.1	1.4
Sandy:	0.6	0.7	0.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.4	0.6