

Hollinger Public Blast Report

Blast Pattern: 3358_156
Date: 6-May-18
Blast Time: 11:40
Blast Sign Activation: 7:45
Website Notification Time: 7:27

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 10.5 km/hr
Wind Direction: NNW
Temperature: 5.7 °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:	53.9 LAeq	103.5 dB
Edwards:	44.6 LAeq	99.4 dB
Fred:	45.1 LAeq	102.2 dB
Hollinger Office:	54.1 LAeq	112.0 dB
Noah:	61.1 LAeq	108.1 dB
Sandy:	39.8 LAeq	112.2 dB
Water Tower:	47.5 LAeq	120.2 dB
Wilson:	43.5 LAeq	107.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.7	5.8	6.9
Edwards:	4.7	5.4	6.9	10.2
Hollinger Office:	6.5	8.7	11.2	18.2
Sandy:	4.5	8.3	7.3	15.0

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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:	0.4	0.9
Edwards:	0.4	0.8
Hollinger Office:	1.2	1.8
Sandy:	2.6	6.1

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:	0.1	0.1	0.1
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	0.6	0.4	0.8
Imerys:	0.5	0.4	0.4
Noah:	0.7	0.5	0.5
Moneta Pumping Station:	1.0	0.8	1.4
Sandy:	2.4	1.4	2.6
Water Tower:	0.5	0.3	0.3
Wilson:	0.7	0.3	0.4