

Hollinger Public Blast Report

Blast Pattern: 3358.153
Date: 24-May-18
Blast Time: 11:46
Blast Sign Activation: 7:45
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13.5 km/hr
Wind Direction: W
Temperature: 27.1 °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:	55.1 LAeq	109.0 dB
Edwards:	49.3 LAeq	104.4 dB
Fred:	46.4 LAeq	109.2 dB
Hollinger Office:	60.1 LAeq	108.9 dB
Noah:	62.6 LAeq	106.5 dB
Sandy:	46.6 LAeq	107.1 dB
Water Tower:	48.8 LAeq	111.9 dB
Wilson:	47.8 LAeq	109.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.2	24.4	25.1	28.6
Edwards:	33.7	57.2	53.0	102.5
Hollinger Office:	75.0	95.7	97.3	130.1
Sandy:	28.0	42.1	28.6	49.8

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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:	4.4	6.6
Edwards:	12.5	23.7
Hollinger Office:	8.5	13.5
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	0.2	0.5
Hollinger West:	0.5	0.7	1.3
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	0.3	0.2	0.2
Wilson:	0.6	0.3	0.5