

Hollinger Public Blast Report

Blast Pattern: 3364_244
Date: 24-Apr-18
Blast Time: 11:53
Blast Sign Activation: 8:59
Website Notification Time: 8:44

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 13.5 °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:	53.1 LAeq	109.8 dB
Edwards:	47.3 LAeq	100.0 dB
Fred:	40.5 LAeq	93.4 dB
Hollinger Office:	54.0 LAeq	110.3 dB
Noah:	61.5 LAeq	105.6 dB
Sandy:	45.0 LAeq	102.0 dB
Water Tower:	47.2 LAeq	110.0 dB
Wilson:	46.7 LAeq	101.0 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:	11.3	14.2	10.9	19.3
Edwards:	9.9	16.7	20.7	41.6
Hollinger Office:	31.9	61.1	35.7	64.5
Sandy:	16.6	22.7	16.0	23.2

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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:	2.0	3.8
Edwards:	5.5	27.1
Hollinger Office:	7.7	17.1
Sandy:	2.4	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	0.9	1.5
Edwards:	0.6	0.4	0.6
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	0.2	0.2	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.5	0.2
Moneta Pumping Station:	0.6	0.4	0.7
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.1	0.1
Wilson:	0.5	0.3	0.4