

Hollinger Public Blast Report

Blast Pattern: 3364_238
Date: 22-Apr-18
Blast Time: 11:53
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: SE
Temperature: 12.7 °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:	51.8 LAeq	112.9 dB
Edwards:	41.0 LAeq	107.4 dB
Fred:	38.4 LAeq	98.2 dB
Hollinger Office:	53.0 LAeq	112.2 dB
Noah:	61.2 LAeq	103.6 dB
Sandy:	40.4 LAeq	102.3 dB
Water Tower:	45.4 LAeq	106.4 dB
Wilson:	44.4 LAeq	97.6 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:	15.8	20.7	15.7	23.4
Edwards:	23.1	33.3	41.8	69.0
Hollinger Office:	37.9	51.7	55.1	82.2
Sandy:	15.7	25.3	38.2	71.9

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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:	14.4	26.8
Edwards:	14.0	37.6
Hollinger Office:	7.0	15.5
Sandy:	51.7	142.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	1.3	1.5
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.7	0.6	1.0
Hollinger West:	0.2	0.2	0.2
Imerys:	0.6	0.2	0.4
Noah:	1.7	0.4	0.9
Moneta Pumping Station:	0.2	0.3	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.3	0.2	0.4
Wilson:	0.7	0.3	0.7