

Hollinger Public Blast Report

Blast Pattern: 3370_176
Date: 27-Jan-18
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3500 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -3.7 °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:	53.5 LAeq	115.5 dB
Edwards:	47.8 LAeq	107.7 dB
Fred:	46.1 LAeq	104.5 dB
Hollinger Office:	53.3 LAeq	110.2 dB
Noah:	58.6 LAeq	108.0 dB
Sandy:	48.0 LAeq	108.1 dB
Water Tower:	48.9 LAeq	115.5 dB
Wilson:	54.7 LAeq	106.0 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:	17.6	19.0	17.0	17.9
Edwards:	9.5	10.9	25.3	28.3
Hollinger Office:	16.8	23.3	36.2	50.0
Sandy:	11.6	12.6	21.2	22.8

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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:	4.1	7.7
Edwards:	4.0	8.2
Hollinger Office:	5.5	12.8
Sandy:	3.7	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	1.7	1.9
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.2	0.2	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.4	0.4