

Hollinger Public Blast Report

Blast Pattern: 3358_146
Date: 25-Jan-18
Blast Time: 11:33
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: 15 km/hr
Wind Direction: SE
Temperature: -11.4 °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:	48.4 LAeq	106.6 dB
Edwards:	41.0 LAeq	97.2 dB
Fred:	46.2 LAeq	96.7 dB
Hollinger Office:	50.6 LAeq	116.0 dB
Noah:	57.0 LAeq	105.2 dB
Sandy:	42.0 LAeq	105.8 dB
Water Tower:	42.9 LAeq	116.4 dB
Wilson:	54.2 LAeq	107.3 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:	3.9	6.9	3.7	7.3
Edwards:	1.4	2.2	2.6	4.8
Hollinger Office:	3.1	9.3	6.8	12.6
Sandy:	3.6	11.6	6.5	18.1

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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:	3.6	11.7
Edwards:	3.1	5.8
Hollinger Office:	10.2	28.0
Sandy:	3.4	7.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.7	0.8
Edwards:	0.2	0.2	0.3
Hollinger Office:	1.9	1.5	1.9
Hollinger West:	0.1	0.2	0.2
Imerys:	1.0	0.5	0.5
Noah:	1.6	0.9	0.8
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.2	0.4
Water Tower:	0.5	0.5	0.7
Wilson:	1.2	1.1	1.0