

Hollinger Public Blast Report

Blast Pattern: 3352_102
Date: 22-Jan-18
Blast Time: 11:41
Blast Sign Activation: 7:35
Website Notification Time: 7:24

Blast Conditions

Ceiling Height: 5200 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 33 km/hr
Wind Direction: E
Temperature: -15.9 °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:	54.3 LAeq	102.9 dB
Edwards:	45.9 LAeq	105.8 dB
Fred:	54.0 LAeq	104.5 dB
Hollinger Office:	54.9 LAeq	107.7 dB
Noah:	59.7 LAeq	110.0 dB
Sandy:	41.7 LAeq	108.8 dB
Water Tower:	61.0 LAeq	120.2 dB
Wilson:	50.2 LAeq	105.6 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:	3.7	3.9	2.1	2.8
Edwards:	1.1	2.0	3.5	5.5
Hollinger Office:	2.7	3.1	6.1	6.9
Sandy:	2.2	2.7	5.9	9.1

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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:	3.7	15.4
Edwards:	2.9	3.5
Hollinger Office:	8.7	10.5
Sandy:	6.3	13.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.6	0.5	1.0
Hollinger West:	0.2	0.4	0.4
Imerys:	1.3	1.2	1.0
Noah:	1.5	1.9	1.8
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	0.5	0.3	0.5
Water Tower:	0.9	0.7	0.9
Wilson:	1.1	2.6	1.4