

Hollinger Public Blast Report

Blast Pattern: 3358_047
Date: 31-Jan-17
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 2560 m
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudys
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: -14.2 °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:	50.3 LAeq	101.1 dB
Edwards:	55.5 LAeq	99.4 dB
Fred:	43.5 LAeq	97.6 dB
Hollinger Office:	63.3 LAeq	103.9 dB
Noah:	59.5 LAeq	100.4 dB
Sandy:	49.6 LAeq	111.3 dB
Water Tower:	48.0 LAeq	105.5 dB
Wilson:	57.1 LAeq	106.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	6.5	3.2	9.3
Edwards:	3.2	4.4	1.9	4.4
Hollinger Office:	12.1	30.7	14.0	74.3
Hollinger Park:	5.2	8.6	3.0	13.0
Sandy:	1.3	1.6	1.5	3.0

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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:	1.9	8.0
Edwards:	1.3	3.4
Hollinger Office:	10.9	22.6
Hollinger Park:	5.0	25.2
Sandy:	2.2	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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