

Hollinger Public Blast Report

Blast Pattern: 3382_145
Date: 26-Oct-17
Blast Time: 15:40
Blast Sign Activation: 11:10
Website Notification Time: 11:30

Blast Conditions

Ceiling Height: 700 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 15.8 km/hr
Wind Direction: NNW
Temperature: 2.9 °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:	58.7 LAeq	113.0 dB
Edwards:	50.5 LAeq	105.1 dB
Fred:	47.4 LAeq	100.3 dB
Hollinger Office:	58.1 LAeq	108.6 dB
Noah:	62.7 LAeq	103.4 dB
Sandy:	43.9 LAeq	107.6 dB
Water Tower:	51.9 LAeq	108.0 dB
Wilson:	49.0 LAeq	104.9 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:	1.8	1.9	5.1	5.5
Edwards:	2.7	3.7	6.8	7.4
Hollinger Office:	1.6	2.2	3.3	4.8
Sandy:	3.1	10.4	3.0	7.6

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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:	0.1	0.4
Edwards:	1.3	2.0
Hollinger Office:	5.0	11.6
Sandy:	4.4	16.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	1.2
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.5	0.2	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.2	0.2	0.2