

Hollinger Public Blast Report

Blast Pattern: 3358_035
Date: 8-Dec-16
Blast Time: 11:37
Blast Sign Activation: 7:55
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 609 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 17 km/hr
Wind Direction: NW
Temperature: -5.6 °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:	55.7 LAeq	109.6 dB
Edwards:	54.3 LAeq	105.4 dB
Fred:	44.4 LAeq	107.6 dB
Hollinger Office:	59.5 LAeq	109.6 dB
Noah:	61.1 LAeq	111.5 dB
Sandy:	62.9 LAeq	110.2 dB
Water Tower:	50.9 LAeq	117.5 dB
Wilson:	50.3 LAeq	105.5 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:	2.6	3.3	1.7	3.2
Edwards:	2.8	3.7	4.1	5.5
Hollinger Office:	5.4	6.0	5.3	8.8
Hollinger Park:	3.8	4.2	5.5	7.2
Sandy:	1.3	1.7	3.0	6.0

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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:	1.3	1.8
Edwards:	1.0	1.6
Hollinger Office:	3.6	4.1
Hollinger Park:	5.0	7.4
Sandy:	5.9	22.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.2	0.4
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	3.2	2.0	2.0
Sandy:	0.9	1.3	0.9
Water Tower:	0.4	0.2	0.4
Wilson:	0.6	0.5	0.6