

Hollinger Public Blast Report

Blast Pattern: 3364_171
Date: 9-Nov-16
Blast Time: 11:40
Blast Sign Activation: 7:40
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 1140 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 2.2 km/hr
Wind Direction: NE
Temperature: 0.1 °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:	56.0 LAeq	106.2 dB
Edwards:	63.9 LAeq	102.9 dB
Fred:	42.8 LAeq	93.4 dB
Hollinger Office:	60.8 LAeq	117.8 dB
Noah:	61.6 LAeq	107.0 dB
Sandy:	48.2 LAeq	101.8 dB
Water Tower:	59.9 LAeq	107.5 dB
Wilson:	50.2 LAeq	97.2 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:	1.9	3.2	6.1	7.4
Edwards:	4.1	7.1	8.4	15.2
Hollinger Office:	13.5	42.8	20.4	57.3
Hollinger Park:	12.0	21.3	23.4	43.8
Sandy:	1.4	1.9	4.0	5.8

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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:	2.0	4.3
Edwards:	2.4	4.6
Hollinger Office:	4.2	5.6
Hollinger Park:	4.1	10.8
Sandy:	1.8	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	0.5
Edwards:	0.1	0.2	0.2
Hollinger Office:	3.1	1.1	1.2
Hollinger West:	0.5	0.1	0.3
Imerys:	1.4	0.7	0.8
Noah:	1.4	1.0	0.9
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.4	0.1
Water Tower:	0.4	0.3	0.5
Wilson:	0.9	0.4	1.1