

Hollinger Public Blast Report

Blast Pattern: 3364_128
Date: 27-Aug-16
Blast Time: 11:37
Blast Sign Activation: 7:15
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 7010 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 8.1 km/hr
Wind Direction: N
Temperature: 18.1 °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: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.0 LAeq	99.7 dB
Edwards:	65.4 LAeq	95.9 dB
Fred:	43.3 LAeq	93.9 dB
Hollinger Office:	71.2 LAeq	107.4 dB
Noah:	58.9 LAeq	98.9 dB
Sandy:	56.7 LAeq	109.6 dB
Water Tower:	46.4 LAeq	103.6 dB
Wilson:	43.5 LAeq	93.0 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:	2.0	4.6	1.1	6.7
Edwards:	6.4	8.2	6.5	8.6
Hollinger Office:	5.1	10.5	9.8	18.4
Hollinger Park:	8.6	17.3	12.5	23.8
Sandy:	3.3	3.7	3.3	6.9

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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:	0.9	2.1
Edwards:	0.7	1.8
Hollinger Office:	6.4	15.4
Hollinger Park:	3.0	12.1
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.2	0.3
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.3	0.2
Moneta Pumping Station:	2.4	1.1	2.1
Sandy:	0.9	1.0	1.0
Water Tower:	0.4	0.2	0.5
Wilson:	1.2	0.7	1.1