

Hollinger Public Blast Report

Blast Pattern: 3370_157
Date: 27-Sep-17
Blast Time: 15:50
Blast Sign Activation: 13:00
Website Notification Time: 13:00

Blast Conditions

Ceiling Height: 5800 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 28 km/hr
Wind Direction: W
Temperature: 11.3 °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:	59.4 LAeq	118.0 dB
Edwards:	56.7 LAeq	115.6 dB
Fred:	52.7 LAeq	114.4 dB
Hollinger Office:	59.0 LAeq	116.8 dB
Noah:	63.4 LAeq	113.9 dB
Sandy:	53.6 LAeq	109.6 dB
Water Tower:	56.3 LAeq	121.2 dB
Wilson:	53.1 LAeq	115.9 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:	3.5	7.3	0.0	0.0
Edwards:	15.4	40.2	23.1	76.9
Hollinger Office:	9.1	17.5	6.3	16.3
Sandy:	1.4	2.6	2.5	4.9

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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:	0.5	1.0
Edwards:	3.6	13.4
Hollinger Office:	2.1	3.1
Sandy:	1.7	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.7	0.2	0.3
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.3	0.6