

Hollinger Public Blast Report

Blast Pattern: 3364_076
Date: 27-Jun-16
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1554 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: 20.4 °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:	56.6 LAeq	110.9 dB
Edwards:	64.2 LAeq	110.4 dB
Fred:	49.2 LAeq	108.4 dB
Hollinger Office:	61.1 LAeq	114.1 dB
Noah:	61.8 LAeq	111.2 dB
Sandy:	53.6 LAeq	114.3 dB
Water Tower:	52.6 LAeq	120.4 dB
Wilson:	50.4 LAeq	109.2 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:	4.7	7.0	16.7	23.2
Edwards:	13.1	21.1	21.4	32.2
Hollinger Office:	19.1	39.3	19.1	36.0
Hollinger Park:	20.5	113.8	34.6	138.5
Sandy:	7.0	14.6	19.1	36.4

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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:	2.7	5.3
Edwards:	1.1	3.6
Hollinger Office:	2.6	3.2
Hollinger Park:	4.0	9.6
Sandy:	1.0	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.3	0.4
Noah:	0.8	0.3	0.7
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	0.3	0.6	0.4
Water Tower:	0.3	0.2	0.5
Wilson:	1.2	0.4	1.3