

Hollinger Public Blast Report

Blast Pattern: 3352_025
Date: 19-Jul-17
Blast Time: 15:44
Blast Sign Activation: 8:43
Website Notification Time: 8:20

Blast Conditions

Ceiling Height: 1828 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 7.9 km/hr
Wind Direction: NE
Temperature: 25.9 °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:	54.7 LAeq	100.3 dB
Edwards:	47.8 LAeq	95.2 dB
Fred:	50.8 LAeq	99.0 dB
Hollinger Office:	56.7 LAeq	103.2 dB
Noah:	62.2 LAeq	100.3 dB
Sandy:	48.2 LAeq	107.5 dB
Water Tower:	54.4 LAeq	112.2 dB
Wilson:	52.4 LAeq	101.6 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:	17.6	19.3	33.5	35.7
Edwards:	17.2	19.0	40.9	46.2
Hollinger Office:	30.4	34.5	44.0	51.1
Sandy:	14.6	18.1	32.1	38.3

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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:	0.0	0.0
Edwards:	1.5	2.4
Hollinger Office:	2.8	6.6
Sandy:	1.1	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	0.4	0.3	0.4
Imerys:	1.7	1.6	1.1
Noah:	1.4	0.7	1.2
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.6	0.5	0.6
Water Tower:	5.1	1.4	3.3
Wilson:	1.2	0.8	1.5