

Hollinger Public Blast Report

Blast Pattern: 3358_104
Date: 18-Jul-17
Blast Time: 11:41
Blast Sign Activation: 7:40
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 1280 m
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12.9 km/hr
Wind Direction: SSW
Temperature: 25.8 °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:	53.6 LAeq	100.6 dB
Edwards:	53.7 LAeq	102.0 dB
Fred:	46.5 LAeq	109.0 dB
Hollinger Office:	55.5 LAeq	111.3 dB
Noah:	60.5 LAeq	104.6 dB
Sandy:	51.7 LAeq	108.5 dB
Water Tower:	54.4 LAeq	109.4 dB
Wilson:	51.1 LAeq	104.6 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:	11.1	11.9	24.4	26.3
Edwards:	8.7	11.3	30.0	38.0
Hollinger Office:	57.1	273.7	63.0	166.3
Sandy:	24.6	38.0	31.6	52.8

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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:	0.0	0.0
Edwards:	3.5	8.7
Hollinger Office:	5.8	8.4
Sandy:	0.9	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	0.7
Hollinger West:	0.3	0.2	0.2
Imerys:	0.9	0.7	1.3
Noah:	1.7	1.1	1.3
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.5	0.2	0.6
Water Tower:	0.7	0.6	0.8
Wilson:	1.1	1.1	1.3