

Hollinger Public Blast Report

Blast Pattern: 3358_132
Date: 22-Oct-17
Blast Time: 11:35
Blast Sign Activation: 7:34
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 28 km/hr
Wind Direction: S
Temperature: 18.7 °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	104.8 dB
Edwards:	55.6 LAeq	107.0 dB
Fred:	46.3 LAeq	107.8 dB
Hollinger Office:	55.4 LAeq	108.3 dB
Noah:	61.2 LAeq	116.6 dB
Sandy:	47.9 LAeq	105.2 dB
Water Tower:	53.5 LAeq	115.9 dB
Wilson:	52.3 LAeq	103.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.4	14.4	22.0	23.4
Edwards:	12.1	12.5	27.5	28.3
Hollinger Office:	19.6	24.0	33.3	42.6
Sandy:	13.4	14.7	19.5	21.9

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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:	3.5	7.1
Edwards:	3.9	4.8
Hollinger Office:	6.4	16.6
Sandy:	2.6	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.2	0.2	0.2
Water Tower:	0.2	0.0	0.1
Wilson:	0.2	0.1	0.1