

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_173
Date: 31-Jul-18
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 21.6 °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:	53.9 LAeq	114.5 dB
Edwards:	53.5 LAeq	102.3 dB
Fred:	43.1 LAeq	94.5 dB
Hollinger Office:	56.7 LAeq	106.1 dB
Noah:	60.3 LAeq	100.7 dB
Sandy:	54.5 LAeq	97.3 dB
Water Tower:	48.1 LAeq	103.1 dB
Wilson:	56.9 LAeq	98.7 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.8	26.8	31.3	34.4
Edwards:	9.4	11.1	53.1	65.1
Hollinger Office:	25.6	61.5	67.4	144.1
Sandy:	15.5	19.3	37.8	52.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.6	2.1
Edwards:	3.2	11.4
Hollinger Office:	5.9	11.0
Sandy:	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	5.3	4.2
Edwards:	0.4	0.3	0.3
Hollinger Office:	0.3	0.2	0.7
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.5