

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_174
Date: 14-Sep-18
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 23.3 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.7 LAeq	109.8 dB
Edwards:	50.4 LAeq	103.5 dB
Fred:	45.3 LAeq	98.0 dB
Hollinger Office:	54.5 LAeq	115.1 dB
Noah:	62.4 LAeq	108.5 dB
Sandy:	50.4 LAeq	105.5 dB
Water Tower:	61.6 LAeq	108.0 dB
Wilson:	54.2 LAeq	101.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.9	15.2	16.4
Edwards:	7.0	9.2	23.0	29.1
Hollinger Office:	18.6	22.6	30.3	40.1
Sandy:	15.6	22.3	24.7	37.6

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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:	0.9	2.0
Edwards:	2.1	4.3
Hollinger Office:	5.5	7.4
Sandy:	0.9	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.1	0.7	0.7
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.3	0.5
Noah:	1.4	1.3	1.3
Moneta Pumping Station:	0.1	0.1	0.9
Sandy:	0.1	0.1	0.1
Water Tower:	3.1	2.9	1.0
Wilson:	0.7	0.8	1.0