

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_125
Date: 15-Jun-18
Blast Time: 15:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: 24.6 °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:	53.7 LAeq	104.6 dB
Edwards:	47.6 LAeq	98.6 dB
Fred:	42.8 LAeq	98.3 dB
Hollinger Office:	57.1 LAeq	118.6 dB
Noah:	61.4 LAeq	102.3 dB
Sandy:	44.8 LAeq	104.9 dB
Water Tower:	50.8 LAeq	112.8 dB
Wilson:	51.3 LAeq	98.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.4	6.6	8.0
Edwards:	8.0	9.0	8.2	12.5
Hollinger Office:	11.4	14.5	9.5	17.3
Sandy:	6.5	20.5	12.0	31.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	2.2	5.0
Edwards:	1.0	4.0
Hollinger Office:	1.3	4.5
Sandy:	1.6	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	3.1	1.9	3.8
Hollinger West:	0.2	0.2	0.2
Imerys:	1.9	1.1	1.6
Noah:	2.0	1.2	2.3
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.4	0.3	0.2
Water Tower:	0.9	0.4	1.2
Wilson:	1.5	1.1	0.9