

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_133
Date: 15-Jul-18
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 29.8 °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:	55.3 LAeq	102.0 dB
Edwards:	50.3 LAeq	104.4 dB
Fred:	45.0 LAeq	98.2 dB
Hollinger Office:	53.8 LAeq	106.4 dB
Noah:	59.5 LAeq	103.8 dB
Sandy:	52.4 LAeq	113.3 dB
Water Tower:	47.4 LAeq	112.9 dB
Wilson:	47.7 LAeq	106.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.0	14.1	24.3	29.1
Edwards:	9.7	16.0	35.8	60.5
Hollinger Office:	25.7	28.2	39.7	49.1
Sandy:	7.0	8.4	25.3	27.8

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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:	1.9	3.5
Edwards:	3.1	10.1
Hollinger Office:	7.3	10.6
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.5	0.7	0.6
Imerys:	0.4	0.7	0.5
Noah:	0.6	0.5	0.5
Moneta Pumping Station:	0.7	0.9	1.0
Sandy:	6.1	2.9	6.3
Water Tower:	1.4	0.8	1.4
Wilson:	1.7	1.8	2.1