

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_134
Date: 18-Jul-18
Blast Time: 15:45
Blast Sign Activation: 9:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6500 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17 km/hr
Wind Direction: W
Temperature: 22.9 °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:	56.6 LAeq	105.5 dB
Edwards:	52.8 LAeq	107.8 dB
Fred:	44.7 LAeq	103.7 dB
Hollinger Office:	62.0 LAeq	105.3 dB
Noah:	63.2 LAeq	106.7 dB
Sandy:	53.8 LAeq	113.0 dB
Water Tower:	48.5 LAeq	112.5 dB
Wilson:	50.7 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.9	4.8	1.6	3.7
Edwards:	2.7	6.6	12.1	30.2
Hollinger Office:	59.5	125.7	55.1	139.0
Sandy:	4.7	7.5	8.1	13.1

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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:	0.0	0.0
Edwards:	2.4	4.1
Hollinger Office:	6.2	9.5
Sandy:	0.6	1.4

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:	0.2	0.2	0.2
Hollinger West:	0.5	0.5	0.8
Imerys:	0.5	0.4	0.5
Noah:	0.4	0.3	0.4
Moneta Pumping Station:	0.9	0.6	0.8
Sandy:	4.4	2.9	4.8
Water Tower:	1.3	0.6	1.1
Wilson:	1.7	1.3	1.9