

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_038
Date: 7-Sep-18
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered clouds
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 11.2 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.9 LAeq	100.6 dB
Edwards:	51.7 LAeq	96.5 dB
Fred:	46.1 LAeq	101.8 dB
Hollinger Office:	58.1 LAeq	107.6 dB
Noah:	62.7 LAeq	114.9 dB
Sandy:	46.4 LAeq	110.6 dB
Water Tower:	50.1 LAeq	112.0 dB
Wilson:	48.8 LAeq	106.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	10.1	0.0	0.0
Edwards:	4.9	5.8	7.9	10.9
Hollinger Office:	10.5	12.0	8.9	13.3
Sandy:	9.2	27.0	12.8	61.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	0.7	1.2
Hollinger Office:	4.7	9.8
Sandy:	3.6	12.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.4	0.1	0.3
Hollinger Office:	0.9	0.9	0.5
Hollinger West:	0.4	0.6	0.3
Imerys:	1.1	1.3	1.1
Noah:	1.1	1.3	0.8
Moneta Pumping Station:	0.5	0.5	0.2
Sandy:	0.6	0.6	0.5
Water Tower:	1.7	2.0	0.9
Wilson:	1.4	1.4	1.0