

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_122
Date: 1-Aug-18
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 21000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7 km/hr
Wind Direction: NE
Temperature: 22.1 °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:	56.4 LAeq	99.3 dB
Edwards:	48.5 LAeq	101.9 dB
Fred:	44.4 LAeq	91.4 dB
Hollinger Office:	58.1 LAeq	99.3 dB
Noah:	62.8 LAeq	101.3 dB
Sandy:	52.7 LAeq	109.9 dB
Water Tower:	51.0 LAeq	108.1 dB
Wilson:	48.7 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.3	27.5	37.3	40.2
Edwards:	18.5	20.0	59.2	63.3
Hollinger Office:	32.2	36.5	70.3	84.6
Sandy:	22.2	31.9	52.0	79.7

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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:	3.1	4.9
Edwards:	2.0	3.9
Hollinger Office:	4.5	9.6
Sandy:	4.2	7.0

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:	0.4	0.3	0.2
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.8	0.7	0.8
Imerys:	0.8	0.7	0.7
Noah:	0.4	0.5	0.7
Moneta Pumping Station:	1.2	0.7	0.8
Sandy:	4.7	3.0	3.7
Water Tower:	1.0	1.0	1.7
Wilson:	1.8	1.5	1.8