

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_083
Date: 22-Jun-18
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 24.3 °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:	54.6 LAeq	101.7 dB
Edwards:	48.1 LAeq	99.2 dB
Fred:	44.6 LAeq	98.8 dB
Hollinger Office:	57.0 LAeq	107.6 dB
Noah:	61.8 LAeq	102.5 dB
Sandy:	48.1 LAeq	110.8 dB
Water Tower:	48.0 LAeq	110.3 dB
Wilson:	47.2 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	4.4	4.7	7.1
Edwards:	13.3	50.0	22.0	90.8
Hollinger Office:	36.0	58.4	28.7	47.5
Sandy:	6.8	13.5	10.3	18.7

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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:	1.2	2.6
Edwards:	1.9	5.0
Hollinger Office:	4.4	7.2
Sandy:	0.5	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.6	0.3	1.0
Hollinger West:	0.4	0.3	0.6
Imerys:	0.5	0.5	0.7
Noah:	0.6	0.4	0.7
Moneta Pumping Station:	1.3	0.8	0.9
Sandy:	1.4	1.5	1.8
Water Tower:	1.0	0.4	1.4
Wilson:	1.3	1.4	1.8