

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_125/3328_002B&C
Date: 15-Aug-18
Blast Time: 15:47
Blast Sign Activation: 8:15
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: E
Temperature: 18.5 °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:	54.3 LAeq	103.8 dB
Edwards:	46.0 LAeq	97.3 dB
Fred:	51.1 LAeq	97.6 dB
Hollinger Office:	55.8 LAeq	113.7 dB
Noah:	61.4 LAeq	108.4 dB
Sandy:	48.9 LAeq	106.7 dB
Water Tower:	48.3 LAeq	115.8 dB
Wilson:	49.8 LAeq	102.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.6	7.2	3.7	6.1
Edwards:	2.5	2.8	13.9	17.5
Hollinger Office:	10.2	10.9	12.0	15.5
Sandy:	18.1	93.9	32.1	200.5

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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:	1.4	1.5
Edwards:	0.4	0.8
Hollinger Office:	1.6	3.0
Sandy:	2.2	4.0

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:	0.2	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	2.4	1.6	3.0
Imerys:	0.3	0.2	0.4
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	1.2	1.4	0.8
Sandy:	1.6	1.4	1.9
Water Tower:	0.9	0.6	0.6
Wilson:	3.2	2.5	2.4