

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_117
Date: 19-Aug-18
Blast Time: 15:45
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 16 km/hr
Wind Direction: SW
Temperature: 28.7 °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:	54.0 LAeq	107.2 dB
Edwards:	50.7 LAeq	107.0 dB
Fred:	45.5 LAeq	104.2 dB
Hollinger Office:	55.7 LAeq	110.0 dB
Noah:	62.2 LAeq	109.7 dB
Sandy:	49.0 LAeq	113.2 dB
Water Tower:	51.8 LAeq	116.7 dB
Wilson:	48.4 LAeq	109.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	40.6	43.2	35.6	39.1
Edwards:	42.3	53.8	94.7	159.4
Hollinger Office:	69.4	81.4	81.6	115.4
Sandy:	42.5	64.9	57.1	76.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.9	2.3
Edwards:	3.5	9.8
Hollinger Office:	4.6	8.7
Sandy:	1.7	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.4	0.3	0.6
Imerys:	0.4	0.3	0.3
Noah:	0.5	0.3	0.3
Moneta Pumping Station:	0.7	0.6	0.6
Sandy:	3.8	2.2	3.8
Water Tower:	1.2	0.6	0.8
Wilson:	1.3	1.0	1.5