

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_120
Date: 8-Sep-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: 25% Scattered clouds
Wind Speed: 0 km/hr
Wind Direction: N
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:	54.4 LAeq	99.1 dB
Edwards:	46.9 LAeq	101.2 dB
Fred:	42.4 LAeq	95.4 dB
Hollinger Office:	53.4 LAeq	101.6 dB
Noah:	62.5 LAeq	100.1 dB
Sandy:	43.1 LAeq	113.6 dB
Water Tower:	48.7 LAeq	107.6 dB
Wilson:	47.0 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.5	10.7	0.0	0.0
Edwards:	6.7	7.5	8.2	9.6
Hollinger Office:	14.0	15.3	6.3	7.3
Sandy:	11.9	37.2	8.6	42.9

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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:	0.3	0.6
Hollinger Office:	1.2	1.7
Sandy:	2.8	6.8

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:	0.1	0.1	0.1
Hollinger Office:	0.3	0.5	0.1
Hollinger West:	0.9	1.1	0.5
Imerys:	0.3	0.4	0.5
Noah:	0.4	0.4	0.4
Moneta Pumping Station:	1.4	0.9	0.7
Sandy:	2.9	4.3	2.4
Water Tower:	1.0	1.6	0.5
Wilson:	1.7	1.8	1.5