

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_002A/3340_017
Date: 3-Sep-18
Blast Time: 15:48
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 24.2 °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: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.8 LAeq	110.0 dB
Edwards:	52.4 LAeq	102.3 dB
Fred:	46.5 LAeq	104.2 dB
Hollinger Office:	57.4 LAeq	108.5 dB
Noah:	61.8 LAeq	106.7 dB
Sandy:	48.1 LAeq	117.4 dB
Water Tower:	48.8 LAeq	118.6 dB
Wilson:	47.6 LAeq	107.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.2	13.9	6.5	8.8
Edwards:	7.5	10.6	19.0	30.6
Hollinger Office:	10.3	12.9	18.6	28.8
Sandy:	11.4	12.5	13.8	15.8

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.7	1.0
Edwards:	1.0	1.8
Hollinger Office:	1.1	1.2
Sandy:	1.2	5.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.9	0.9	0.3
Hollinger West:	1.1	1.9	0.9
Imerys:	0.9	1.2	1.4
Noah:	1.1	1.1	0.8
Moneta Pumping Station:	1.6	2.2	0.9
Sandy:	3.8	2.8	1.9
Water Tower:	1.8	0.9	0.7
Wilson:	1.8	2.7	3.0