

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_018
Date: 6-Sep-18
Blast Time: 15:45
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: 18 °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:	56.6 LAeq	104.9 dB
Edwards:	53.5 LAeq	101.1 dB
Fred:	45.9 LAeq	102.9 dB
Hollinger Office:	59.2 LAeq	104.7 dB
Noah:	62.0 LAeq	102.7 dB
Sandy:	48.1 LAeq	113.9 dB
Water Tower:	48.7 LAeq	114.4 dB
Wilson:	51.0 LAeq	107.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.0	0.0	0.0
Edwards:	3.3	8.3	12.2	40.0
Hollinger Office:	11.8	17.3	13.6	22.8
Sandy:	4.5	5.4	4.4	7.1

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.6	2.1
Edwards:	4.0	12.0
Hollinger Office:	4.8	11.1
Sandy:	0.7	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.5	0.3
Hollinger West:	1.4	1.1	0.6
Imerys:	0.9	1.0	0.9
Noah:	0.7	0.8	0.5
Moneta Pumping Station:	1.1	1.1	0.8
Sandy:	2.6	2.3	1.6
Water Tower:	3.1	3.1	1.3
Wilson:	2.4	2.6	3.4