

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_127
Date: 27-Sep-18
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 10.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.9 LAeq	110.9 dB
Edwards:	49.7 LAeq	105.3 dB
Fred:	46.4 LAeq	102.8 dB
Hollinger Office:	67.4 LAeq	115.1 dB
Noah:	61.0 LAeq	108.1 dB
Sandy:	52.3 LAeq	109.3 dB
Water Tower:	51.9 LAeq	111.2 dB
Wilson:	52.3 LAeq	105.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.2	11.6	3.3	4.2
Edwards:	6.0	8.1	8.7	9.7
Hollinger Office:	8.6	11.0	13.1	20.7
Sandy:	3.5	4.1	5.8	7.3

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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:	0.9	2.4
Edwards:	2.3	3.8
Hollinger Office:	3.4	10.5
Sandy:	0.8	1.1

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:	0.2	0.1	0.4
Hollinger West:	1.3	0.6	1.6
Imerys:	0.2	0.3	0.4
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	1.0	0.5	0.6
Sandy:	2.0	2.1	2.2
Water Tower:	0.7	0.4	1.0
Wilson:	1.6	1.9	1.8