

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_043
Date: 30-Mar-19
Blast Time: 11:54
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 2 km/hr
Wind Direction: E
Temperature: 1.6 °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:	51.3 LAeq	102.9 dB
Edwards:	39.7 LAeq	99.5 dB
Fred:	35.5 LAeq	88.8 dB
Hollinger Office:	51.3 LAeq	110.0 dB
Noah:	56.7 LAeq	106.2 dB
Sandy:	38.3 LAeq	109.2 dB
Water Tower:	45.1 LAeq	120.4 dB
Wilson:	51.1 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	8.2	4.7	6.7
Edwards:	13.8	20.7	13.0	25.4
Hollinger Office:	8.6	17.9	11.6	28.6
Sandy:	3.8	4.6	6.8	13.6

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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:	1.3	2.2
Edwards:	1.1	1.5
Hollinger Office:	2.4	3.4
Sandy:	7.5	18.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.5
Hollinger West:	0.4	0.5	0.4
Imerys:	0.7	0.8	1.3
Noah:	1.3	1.2	1.5
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	1.1	0.8	1.2
Water Tower:	1.2	0.7	0.8
Wilson:	1.6	2.4	1.9