

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_178, 3346_147F
Date: 24-Apr-19
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 7:50

Blast Conditions

Ceiling Height: 3100 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: 4.5 °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:	55.6 LAeq	112.5 dB
Edwards:	48.0 LAeq	97.4 dB
Fred:	42.7 LAeq	104.7 dB
Hollinger Office:	56.3 LAeq	109.0 dB
Noah:	61.1 LAeq	99.8 dB
Sandy:	43.1 LAeq	103.2 dB
Water Tower:	49.8 LAeq	106.6 dB
Wilson:	44.9 LAeq	99.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.0	8.1	7.8	9.2
Edwards:	5.2	6.7	11.7	15.2
Hollinger Office:	5.0	6.3	17.6	23.1
Sandy:	4.8	8.7	7.2	11.6

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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:	1.1	1.4
Edwards:	2.1	10.9
Hollinger Office:	3.5	5.9
Sandy:	5.9	14.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.7	0.8	1.9
Edwards:	0.6	0.5	0.4
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.3
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.2	0.2	0.3
Water Tower:	0.3	0.2	0.2
Wilson:	0.6	0.3	0.6
