

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_106B
Date: 20-Apr-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: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: 10.5 °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:	52.7 LAeq	99.8 dB
Edwards:	44.3 LAeq	95.6 dB
Fred:	39.6 LAeq	94.2 dB
Hollinger Office:	53.0 LAeq	106.4 dB
Noah:	58.8 LAeq	103.6 dB
Sandy:	44.2 LAeq	104.3 dB
Water Tower:	47.4 LAeq	112.2 dB
Wilson:	47.2 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	7.0	4.6	5.8
Edwards:	4.7	5.3	6.6	9.4
Hollinger Office:	0.4	1.2	4.6	7.7
Sandy:	2.0	2.8	2.8	5.4

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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	1.8
Edwards:	1.1	1.5
Hollinger Office:	6.0	11.2
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	1.0	0.8	1.2
Imerys:	0.1	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	1.4	0.6	1.3
Water Tower:	0.2	0.2	0.2
Wilson:	1.4	2.0	1.7
