

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_179
Date: 22-Apr-19
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5700 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 17 km/hr
Wind Direction: NE
Temperature: -0.8 °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:	55.2 LAeq	107.6 dB
Edwards:	47.8 LAeq	104.9 dB
Fred:	43.0 LAeq	98.6 dB
Hollinger Office:	64.6 LAeq	114.4 dB
Noah:	60.1 LAeq	105.2 dB
Sandy:	44.7 LAeq	102.5 dB
Water Tower:	50.8 LAeq	106.7 dB
Wilson:	49.1 LAeq	100.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	6.4	5.3	5.8
Edwards:	3.3	4.0	6.6	7.2
Hollinger Office:	5.5	5.8	4.0	4.7
Sandy:	6.0	9.4	5.2	10.8

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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:	0.8	1.0
Edwards:	1.9	3.2
Hollinger Office:	2.9	3.8
Sandy:	13.5	50.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.1	1.0	2.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.6	0.3	0.5
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.1	0.2
Water Tower:	0.2	0.2	0.2
Wilson:	1.1	0.3	0.7
