

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_175
Date: 14-Oct-18
Blast Time: 15:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially cloudy
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 9.5 °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	110.7 dB
Edwards:	50.9 LAeq	103.3 dB
Fred:	45.0 LAeq	102.0 dB
Hollinger Office:	55.5 LAeq	113.5 dB
Noah:	62.5 LAeq	102.6 dB
Sandy:	48.0 LAeq	102.5 dB
Water Tower:	49.3 LAeq	109.9 dB
Wilson:	47.8 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.2	0.8	1.3
Edwards:	4.9	5.8	4.5	5.3
Hollinger Office:	66.0	101.4	60.4	89.8
Sandy:	3.7	3.9	1.2	1.7

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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:	2.2	3.9
Edwards:	1.6	7.8
Hollinger Office:	11.2	16.9
Sandy:	0.8	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.3	1.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.2	0.4
Noah:	0.7	0.4	0.4
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.4	0.5