

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_049
Date: 18-Oct-18
Blast Time: 11:46
Blast Sign Activation: 8:10
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 8000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: -3 °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:	54.5 LAeq	109.1 dB
Edwards:	48.2 LAeq	103.4 dB
Fred:	41.9 LAeq	100.2 dB
Hollinger Office:	60.4 LAeq	109.8 dB
Noah:	61.9 LAeq	105.9 dB
Sandy:	47.5 LAeq	110.0 dB
Water Tower:	50.9 LAeq	117.2 dB
Wilson:	48.8 LAeq	106.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	28.9	68.1	22.9	72.7
Edwards:	8.7	36.7	14.4	34.4
Hollinger Office:	4.7	6.9	6.5	9.2
Sandy:	7.1	10.0	5.5	8.0

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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:	0.5	1.3
Edwards:	2.7	7.8
Hollinger Office:	1.4	2.4
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.8	0.5	0.8
Imerys:	0.6	0.3	0.6
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	2.3	1.6	2.7
Water Tower:	1.2	0.7	1.2
Wilson:	1.7	2.2	2.4