

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_052
Date: 30-Oct-18
Blast Time: 15:40
Blast Sign Activation: 8:40
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 18000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SE
Temperature: -1.8 °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:	55.7 LAeq	99.4 dB
Edwards:	44.4 LAeq	92.3 dB
Fred:	39.0 LAeq	86.3 dB
Hollinger Office:	65.2 LAeq	103.3 dB
Noah:	62.4 LAeq	98.4 dB
Sandy:	47.4 LAeq	104.1 dB
Water Tower:	48.7 LAeq	108.7 dB
Wilson:	50.8 LAeq	100.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.0	3.5	1.2	2.9
Edwards:	8.1	9.6	6.3	9.6
Hollinger Office:	14.1	36.3	13.2	28.5
Sandy:	5.2	6.8	4.8	6.7

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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:	2.3	4.1
Edwards:	1.9	3.7
Hollinger Office:	24.8	68.1
Sandy:	31.9	33.7

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	0.1	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.3	0.1	0.3
Imerys:	1.0	0.7	1.1
Noah:	0.7	0.5	1.0
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	3.1	0.9	3.0
Wilson:	0.6	0.7	0.6