

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_042
Date: 18-Sep-18
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1400 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 7 °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:	55.3 LAeq	102.1 dB
Edwards:	49.3 LAeq	97.9 dB
Fred:	43.4 LAeq	98.3 dB
Hollinger Office:	61.0 LAeq	106.2 dB
Noah:	62.0 LAeq	101.5 dB
Sandy:	43.7 LAeq	107.2 dB
Water Tower:	51.9 LAeq	114.2 dB
Wilson:	49.0 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.4	10.5	0.0	0.0
Edwards:	3.4	4.4	6.6	7.8
Hollinger Office:	7.9	10.9	10.4	15.7
Sandy:	2.6	3.7	4.7	8.8

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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:	0.6	0.8
Edwards:	0.9	1.8
Hollinger Office:	3.8	8.0
Sandy:	4.2	9.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.2	0.2	0.1
Hollinger Office:	0.4	0.4	0.6
Hollinger West:	0.6	0.6	6.0
Imerys:	1.1	1.0	1.0
Noah:	1.5	0.5	0.9
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	1.0	0.7	1.0
Water Tower:	2.6	1.1	2.4
Wilson:	2.8	1.6	2.0