

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_035
Date: 30-Aug-18
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 16.7 °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:	54.0 LAeq	105.3 dB
Edwards:	52.2 LAeq	99.0 dB
Fred:	41.9 LAeq	92.7 dB
Hollinger Office:	55.2 LAeq	109.6 dB
Noah:	60.6 LAeq	105.5 dB
Sandy:	48.2 LAeq	106.9 dB
Water Tower:	47.2 LAeq	114.1 dB
Wilson:	51.9 LAeq	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.1	0.0	0.0
Edwards:	1.9	2.1	5.4	6.2
Hollinger Office:	9.9	13.8	6.1	11.0
Sandy:	4.5	6.7	3.2	7.5

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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:	1.3	1.8
Edwards:	0.6	1.1
Hollinger Office:	4.2	10.4
Sandy:	0.5	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	1.1	0.5
Hollinger West:	0.3	0.3	0.2
Imerys:	1.4	1.0	0.9
Noah:	1.0	1.9	0.9
Moneta Pumping Station:	0.5	0.7	0.2
Sandy:	0.5	0.7	0.5
Water Tower:	1.6	2.9	0.8
Wilson:	1.0	1.0	0.9