

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_039
Date: 13-Sep-18
Blast Time: 11:46
Blast Sign Activation: 7:40
Website Notification Time: 7:33

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 23.5 °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:	53.5 LAeq	97.2 dB
Edwards:	48.2 LAeq	97.6 dB
Fred:	43.5 LAeq	99.5 dB
Hollinger Office:	57.0 LAeq	109.4 dB
Noah:	64.4 LAeq	104.8 dB
Sandy:	47.6 LAeq	120.3 dB
Water Tower:	47.9 LAeq	115.0 dB
Wilson:	49.7 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	6.4	13.6	15.8
Edwards:	8.6	10.2	17.2	21.4
Hollinger Office:	46.1	198.6	69.4	547.8
Sandy:	8.7	10.9	14.7	18.8

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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:	0.2	1.1
Edwards:	2.5	3.9
Hollinger Office:	17.0	81.0
Sandy:	1.0	1.3

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:	0.6	0.5	0.3
Hollinger West:	1.8	2.7	1.0
Imerys:	1.0	1.2	0.8
Noah:	1.4	1.3	1.3
Moneta Pumping Station:	1.0	0.9	0.9
Sandy:	3.3	2.9	2.0
Water Tower:	3.1	2.9	1.0
Wilson:	0.7	0.8	1.0