

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3334_028
Date: 7-Apr-19
Blast Time: 11:37
Blast Sign Activation: 7:24
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 23999 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 20 km/hr
Wind Direction: E
Temperature: 2 °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:	53.4 LAeq	102.6 dB
Edwards:	44.6 LAeq	105.3 dB
Fred:	38.4 LAeq	108.0 dB
Hollinger Office:	52.6 LAeq	105.5 dB
Noah:	57.0 LAeq	110.0 dB
Sandy:	41.0 LAeq	110.6 dB
Water Tower:	47.2 LAeq	111.6 dB
Wilson:	47.4 LAeq	105.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.8	7.9	4.4	5.9
Edwards:	3.0	4.2	13.2	17.8
Hollinger Office:	8.3	9.9	9.4	12.2
Sandy:	3.4	4.2	5.0	6.2

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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:	0.7	1.0
Edwards:	1.2	1.9
Hollinger Office:	1.3	1.6
Sandy:	1.9	5.6

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:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.3	0.3	0.2
Imerys:	0.4	0.6	1.1
Noah:	0.8	0.7	1.0
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.8	0.5	0.6
Water Tower:	0.5	0.6	0.5
Wilson:	1.2	0.8	1.2
