

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_155
Date: 23-Dec-18
Blast Time: 11:40
Blast Sign Activation: 7:50
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 900 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: -14.8 °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:	50.0 LAeq	110.1 dB
Edwards:	41.2 LAeq	99.7 dB
Fred:	36.6 LAeq	86.5 dB
Hollinger Office:	54.7 LAeq	114.4 dB
Noah:	57.5 LAeq	105.7 dB
Sandy:	40.3 LAeq	106.3 dB
Water Tower:	47.3 LAeq	113.8 dB
Wilson:	45.0 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	2.8	3.4	4.2
Edwards:	4.3	6.8	3.1	5.0
Hollinger Office:	8.7	11.0	8.3	16.2
Sandy:	3.7	7.4	2.9	6.5

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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:	0.9	2.7
Edwards:	1.3	2.2
Hollinger Office:	11.2	24.1
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.4
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	0.4	0.2	0.5
Water Tower:	0.1	0.2	0.1
Wilson:	0.5	0.4	0.9