

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_154
Date: 3-Jan-19
Blast Time: 11:47
Blast Sign Activation: 7:34
Website Notification Time: 7:24

Blast Conditions

Ceiling Height: 1400 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: -5.5 °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:	51.1 LAeq	109.2 dB
Edwards:	50.3 LAeq	100.8 dB
Fred:	41.5 LAeq	102.0 dB
Hollinger Office:	52.9 LAeq	110.7 dB
Noah:	61.2 LAeq	110.5 dB
Sandy:	45.6 LAeq	104.6 dB
Water Tower:	50.6 LAeq	111.8 dB
Wilson:	50.3 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.7	22.4	10.3	16.7
Edwards:	1.2	1.2	8.1	8.8
Hollinger Office:	4.2	4.8	11.9	15.2
Sandy:	5.0	8.0	7.7	10.1

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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:	1.8	4.2
Edwards:	2.8	5.9
Hollinger Office:	5.6	7.4
Sandy:	6.8	10.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.7	0.6
Edwards:	0.4	0.2	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.3	0.4
Noah:	0.7	1.1	0.7
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.4	0.3	0.5
Water Tower:	0.2	0.1	0.1
Wilson:	0.6	0.5	0.6