

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_055
Date: 31-Dec-18
Blast Time: 11:49
Blast Sign Activation: 7:35
Website Notification Time: 7:19

Blast Conditions

Ceiling Height: 900 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 7 km/hr
Wind Direction: N
Temperature: -3.6 °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:	51.8 LAeq	104.9 dB
Edwards:	42.2 LAeq	97.0 dB
Fred:	37.1 LAeq	88.4 dB
Hollinger Office:	54.1 LAeq	114.2 dB
Noah:	58.1 LAeq	105.4 dB
Sandy:	41.0 LAeq	104.1 dB
Water Tower:	45.5 LAeq	113.2 dB
Wilson:	65.0 LAeq	116.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.5	13.1	10.5	11.7
Edwards:	4.8	7.0	29.8	53.0
Hollinger Office:	2.8	4.2	34.7	62.6
Sandy:	9.8	40.5	47.7	234.2

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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:	9.5	13.0
Edwards:	18.6	23.2
Hollinger Office:	23.4	28.3
Sandy:	110.5	558.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.2	0.6
Hollinger West:	0.1	0.2	0.1
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.5	0.3	0.6
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.6	1.0