

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_051
Date: 21-Oct-18
Blast Time: 15:45
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: -1 °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:	54.2 LAeq	104.7 dB
Edwards:	49.7 LAeq	108.5 dB
Fred:	41.8 LAeq	100.8 dB
Hollinger Office:	69.9 LAeq	110.2 dB
Noah:	59.3 LAeq	104.4 dB
Sandy:	44.0 LAeq	106.7 dB
Water Tower:	54.3 LAeq	110.9 dB
Wilson:	45.1 LAeq	105.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.5	13.8	0.1	0.2
Edwards:	3.2	5.6	3.9	5.5
Hollinger Office:	24.3	49.8	25.4	40.5
Sandy:	1.7	1.8	0.4	1.1

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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:	2.8	5.7
Edwards:	8.4	23.1
Hollinger Office:	8.9	13.0
Sandy:	0.8	1.1

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	0.2	0.5
Hollinger West:	0.3	0.2	0.4
Imerys:	1.2	0.9	1.1
Noah:	1.0	0.8	1.1
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.4	0.3	0.4
Water Tower:	3.5	1	4.0
Wilson:	1.0	1	1.0