

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_135
Date: 8-Nov-18
Blast Time: 13:47
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 1000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: -2.4 °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:	55.1 LAeq	105.1 dB
Edwards:	49.9 LAeq	98.3 dB
Fred:	42.7 LAeq	97.1 dB
Hollinger Office:	55.7 LAeq	111.3 dB
Noah:	62.2 LAeq	99.6 dB
Sandy:	45.7 LAeq	106.1 dB
Water Tower:	47.4 LAeq	112.0 dB
Wilson:	47.5 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.6	2.3		
Edwards:	5.4	13.6	5.0	14.8
Hollinger Office:	5.0	7.1	5.2	8.0
Sandy:	1.1	1.5	2.0	2.3

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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:	1.2	1.5
Edwards:	2.4	4.0
Hollinger Office:	3.0	4.6
Sandy:	1.4	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.3	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.3	0.8
Hollinger West:	0.1	0.1	0.2
Imerys:	0.4	0.2	0.5
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.4	0.7