

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3328_004AB/3346_124
Date: 4-Sep-18
Blast Time: 11:48
Blast Sign Activation: 7:30
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 26000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: 18.2 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	54.3 LAeq	104.3 dB
Edwards:	49.3 LAeq	97.5 dB
Fred:	42.4 LAeq	91.7 dB
Hollinger Office:	56.6 LAeq	107.4 dB
Noah:	61.9 LAeq	104.5 dB
Sandy:	47.4 LAeq	110.9 dB
Water Tower:	51.3 LAeq	119.1 dB
Wilson:	51.9 LAeq	105.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.1	14.1	7.5	10.7
Edwards:	8.3	10.6	18.0	25.5
Hollinger Office:	27.8	71.7	26.6	92.6
Sandy:	4.6	5.2	10.1	13.2

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	2.1	2.9
Edwards:	3.4	6.4
Hollinger Office:	20.7	68.6
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.4	0.3
Hollinger West:	1.2	2.2	1.0
Imerys:	2.2	3.1	1.6
Noah:	1.7	1.2	1.4
Moneta Pumping Station:	0.5	0.7	0.3
Sandy:	2.6	2.2	1.4
Water Tower:	4.1	6.9	3.0
Wilson:	2.0	3.2	2.0