

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_255
Date: 2-Sep-18
Blast Time: 15:34
Blast Sign Activation: 7:45
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 25.2 °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:	52.5 LAeq	110.0 dB
Edwards:	48.6 LAeq	102.7 dB
Fred:	44.1 LAeq	102.4 dB
Hollinger Office:	53.4 LAeq	117.7 dB
Noah:	58.6 LAeq	101.6 dB
Sandy:	45.8 LAeq	103.4 dB
Water Tower:	53.9 LAeq	108.4 dB
Wilson:	48.2 LAeq	100.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.8	5.1	36.6	38.4
Edwards:	3.5	4.1	14.3	17.2
Hollinger Office:	10.4	11.2	14.7	19.7
Sandy:	8.4	11.8	12.1	14.3

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.2	3.7
Edwards:	3.2	11.9
Hollinger Office:	4.1	6.6
Sandy:	0.9	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	4.7	7.4	3.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.8	0.6
Noah:	0.5	0.4	0.5
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.4	0.3	0.2
Water Tower:	0.4	0.3	0.2
Wilson:	0.3	0.3	0.3