

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3352_137
Date: 25-Jul-18
Blast Time: 15:48
Blast Sign Activation: 8:02
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 21000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: SW
Temperature: 27.2 °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:	57.2 LAeq	102.8 dB
Edwards:	53.6 LAeq	99.4 dB
Fred:	44.4 LAeq	98.1 dB
Hollinger Office:	56.0 LAeq	109.0 dB
Noah:	61.9 LAeq	105.2 dB
Sandy:	58.3 LAeq	111.8 dB
Water Tower:	49.2 LAeq	114.9 dB
Wilson:	51.0 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	11.5	15.7	19.0
Edwards:	12.6	30.4	20.9	63.5
Hollinger Office:	20.8	35.0	29.5	61.3
Sandy:	13.2	17.7	11.4	21.1

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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:	1.2	1.9
Edwards:	3.5	14.6
Hollinger Office:	5.0	8.6
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.3	0.2	0.2
Hollinger West:	0.5	0.4	0.5
Imerys:	0.4	0.4	0.3
Noah:	0.4	0.7	0.4
Moneta Pumping Station:	1.2	1.0	1.0
Sandy:	4.8	4.3	6.1
Water Tower:	0.8	0.8	1.1
Wilson:	1.4	1.4	1.5