

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_104 & 3358_152
Date: 12-Jun-18
Blast Time: 11:42
Blast Sign Activation: 8:30
Website Notification Time: 8:12

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 23.8 °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	108.5 dB
Edwards:	52.6 LAeq	103.4 dB
Fred:	44.1 LAeq	105.4 dB
Hollinger Office:	56.1 LAeq	109.3 dB
Noah:	62.7 LAeq	104.3 dB
Sandy:	52.1 LAeq	106.8 dB
Water Tower:	48.8 LAeq	111.6 dB
Wilson:	47.2 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.2	25.2	0.0	0.0
Edwards:	16.1	23.8	30.2	52.3
Hollinger Office:	39.5	51.4	53.3	83.6
Sandy:	10.2	13.9	15.2	20.3

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	3.3	8.6
Hollinger Office:	6.1	9.5
Sandy:	0.2	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.5	0.2	0.8
Hollinger West:	0.2	0.1	0.1
Imerys:	0.9	1.2	1.5
Noah:	0.8	0.7	0.8
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.2
Water Tower:	2.4	2.3	2.5
Wilson:	0.5	0.3	0.5