

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_247
Date: 3-Jun-18
Blast Time: 11:41
Blast Sign Activation: 7:40
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: SE
Temperature: 21 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	60.4 LAeq	115.2 dB
Edwards:	46.5 LAeq	101.4 dB
Fred:	47.4 LAeq	103.7 dB
Hollinger Office:	51.2 LAeq	112.8 dB
Noah:	57.8 LAeq	111.3 dB
Sandy:	45.0 LAeq	104.6 dB
Water Tower:	46.6 LAeq	106.3 dB
Wilson:	49.8 LAeq	106.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	15.6	5.5	18.9
Edwards:	7.3	8.1	14.2	16.4
Hollinger Office:	19.2	26.3	15.3	22.2
Sandy:	9.1	19.0	13.8	27.7

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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:	1.4	7.8
Edwards:	0.7	1.1
Hollinger Office:	3.2	6.8
Sandy:	1.4	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.4	1.6	2.1
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.1	0.3
Noah:	0.3	0.4	0.2
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.2	0.1
Water Tower:	0.3	0.1	0.2
Wilson:	0.4	0.2	0.3