

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_165
Date: 4-Jun-18
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2000 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 10.4 °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:	57.0 LAeq	110.7 dB
Edwards:	54.9 LAeq	108.0 dB
Fred:	47.1 LAeq	103.8 dB
Hollinger Office:	56.6 LAeq	109.6 dB
Noah:	62.8 LAeq	107.5 dB
Sandy:	48.6 LAeq	106.8 dB
Water Tower:	50.0 LAeq	111.4 dB
Wilson:	49.1 LAeq	109.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	9.1	4.9	6.1
Edwards:	10.7	21.3	14.4	42.9
Hollinger Office:	11.3	17.1	11.9	24.5
Sandy:	4.2	4.8	7.2	9.9

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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:	4.1	9.4
Edwards:	8.3	34.3
Hollinger Office:	3.4	5.3
Sandy:	2.3	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.8	0.4	1.1
Hollinger West:	0.4	0.4	0.6
Imerys:	0.4	0.2	0.5
Noah:	0.7	0.3	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.3	0.1	0.2
Water Tower:	0.3	0.1	0.2
Wilson:	0.6	0.4	0.5