

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_151
Date: 26-May-18
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 17 km/hr
Wind Direction: E
Temperature: 15 °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	102.7 dB
Edwards:	52.3 LAeq	103.0 dB
Fred:	47.6 LAeq	98.7 dB
Hollinger Office:	52.2 LAeq	109.8 dB
Noah:	61.8 LAeq	105.5 dB
Sandy:	42.7 LAeq	104.5 dB
Water Tower:	47.7 LAeq	104.3 dB
Wilson:	50.2 LAeq	103.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	8.9	26.4	27.2
Edwards:	5.3	5.6	9.3	11.4
Hollinger Office:	12.5	12.9	6.1	7.5
Sandy:	4.9	6.2	8.9	12.9

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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:	1.1	2.8
Edwards:	0.7	0.9
Hollinger Office:	1.0	1.3
Sandy:	4.5	10.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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