

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_035
Date: 22-Jul-18
Blast Time: 11:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 13000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: N
Temperature: 18.9 °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:	55.1 LAeq	105.1 dB
Edwards:	47.1 LAeq	96.1 dB
Fred:	42.5 LAeq	93.1 dB
Hollinger Office:	57.8 LAeq	109.4 dB
Noah:	61.4 LAeq	102.7 dB
Sandy:	43.8 LAeq	105.2 dB
Water Tower:	49.0 LAeq	107.1 dB
Wilson:	46.0 LAeq	101.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.5	7.9	15.1	15.8
Edwards:	6.2	6.4	14.5	15.8
Hollinger Office:	7.3	8.2	15.7	21.5
Sandy:	36.5	281.1	62.1	332.8

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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:	0.7	0.8
Edwards:	1.9	2.6
Hollinger Office:	2.0	3.8
Sandy:	2.3	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.3	0.3	0.3
Imerys:	0.3	0.3	0.5
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	1.0	0.7	0.9
Sandy:	1.7	1.1	1.8
Water Tower:	0.9	0.3	0.6
Wilson:	1.2	1.3	1.5