

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_106/114
Date: 7-Aug-18
Blast Time: 11:37
Blast Sign Activation: 7:35
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 1800 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 3.5 km/hr
Wind Direction: NE
Temperature: 17 °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:	55.6 LAeq	102.5 dB
Edwards:	46.7 LAeq	99.8 dB
Fred:	42.4 LAeq	90.1 dB
Hollinger Office:	54.9 LAeq	107.5 dB
Noah:	60.8 LAeq	102.4 dB
Sandy:	44.3 LAeq	109.3 dB
Water Tower:	46.9 LAeq	114.8 dB
Wilson:	47.7 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.5	11.4	12.6	15.2
Edwards:	3.5	3.7	19.1	19.9
Hollinger Office:	9.0	10.6	21.9	29.3
Sandy:	18.2	29.9	19.7	43.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.9	2.7
Edwards:	0.7	1.2
Hollinger Office:	2.5	4.8
Sandy:	2.4	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.4	0.8	1.9
Hollinger West:	0.2	0.1	0.2
Imerys:	5.0	4.3	5.3
Noah:	1.1	1.7	1.6
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	5.6	2.6	7.2
Wilson:	0.4	0.4	0.6