

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_031/3346_062A
Date: 16-Aug-18
Blast Time: 11:50
Blast Sign Activation: 7:30
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 4 km/hr
Wind Direction: N
Temperature: 21.4 °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: Extendicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	53.3 LAeq	102.6 dB
Edwards:	50.0 LAeq	98.6 dB
Fred:	47.0 LAeq	93.4 dB
Hollinger Office:	56.8 LAeq	105.7 dB
Noah:	60.9 LAeq	105.2 dB
Sandy:	49.2 LAeq	114.4 dB
Water Tower:	47.5 LAeq	112.6 dB
Wilson:	49.9 LAeq	107.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	8.7	10.5	11.0
Edwards:	7.8	8.5	16.7	24.4
Hollinger Office:	24.9	47.5	29.5	67.0
Sandy:	6.8	11.3	18.4	32.1

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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:	1.7	2.2
Edwards:	1.1	3.7
Hollinger Office:	2.6	7.4
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.4	1.0
Hollinger West:	2.4	1.4	1.9
Imerys:	2.5	2.1	2.8
Noah:	2.1	1.9	1.8
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.3	0.3	0.4
Water Tower:	7.4	4.9	7.4
Wilson:	1.7	1.8	2.0