

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3346_108
Date: 1-Jun-18
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 300 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Rain)
Wind Speed: 15 km/hr
Wind Direction: NNW
Temperature: 2.5 °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:	58.0 LAeq	105.6 dB
Edwards:	54.3 LAeq	100.1 dB
Fred:	47.0 LAeq	107.2 dB
Hollinger Office:	58.0 LAeq	113.9 dB
Noah:	63.1 LAeq	109.0 dB
Sandy:	46.0 LAeq	111.3 dB
Water Tower:	51.4 LAeq	114.2 dB
Wilson:	51.6 LAeq	113.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	9.9	25.1	25.5
Edwards:	1.5	1.6	5.3	7.0
Hollinger Office:	11.7	21.4	4.5	8.1
Sandy:	9.8	14.7	8.7	11.7

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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:	0.6	2.0
Edwards:	0.0	0.0
Hollinger Office:	4.0	5.5
Sandy:	6.5	8.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.4	0.2	0.2
Hollinger Office:	2.9	2.0	2.6
Hollinger West:	0.4	0.5	1.0
Imerys:	2.5	1.8	3.2
Noah:	5.0	1.5	3.8
Moneta Pumping Station:	0.8	0.3	0.6
Sandy:	0.6	0.3	0.4
Water Tower:	1.5	0.7	2.4
Wilson:	2.3	2.3	1.8