

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_158, 3346_113BC, 3346_112
Date: 27-Jun-18
Blast Time: 11:47
Blast Sign Activation: 7:45
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 24000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: SW
Temperature: 24 °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:	56.3 LAeq	107.4 dB
Edwards:	45.2 LAeq	99.0 dB
Fred:	49.0 LAeq	90.2 dB
Hollinger Office:	57.8 LAeq	119.5 dB
Noah:	60.1 LAeq	104.7 dB
Sandy:	44.5 LAeq	110.0 dB
Water Tower:	47.0 LAeq	114.9 dB
Wilson:	45.7 LAeq	105.0 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	6.0	5.9	8.7
Edwards:	10.4	19.7	13.7	28.8
Hollinger Office:	25.5	46.7	23.9	46.9
Sandy:	9.9	13.7	13.1	23.2

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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:	2.3	5.0
Edwards:	3.0	15.5
Hollinger Office:	4.6	11.7
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.5	0.4	0.6
Hollinger West:	0.8	0.6	0.6
Imerys:	0.8	0.6	1.3
Noah:	1.3	0.4	1.5
Moneta Pumping Station:	1.0	0.9	1.0
Sandy:	4.0	3.8	3.4
Water Tower:	1.2	0.7	1.5
Wilson:	1.8	2.9	2.6