

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3368_001
Date: 24-Jun-18
Blast Time: 11:52
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 18 km/hr
Wind Direction: N
Temperature: 13.8 °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:	55.4 LAeq	107.4 dB
Edwards:	49.0 LAeq	105.1 dB
Fred:	45.3 LAeq	105.5 dB
Hollinger Office:	56.0 LAeq	120.7 dB
Noah:	61.4 LAeq	108.4 dB
Sandy:	47.6 LAeq	106.9 dB
Water Tower:	50.8 LAeq	110.9 dB
Wilson:	46.3 LAeq	110.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.7	1.1	0.2	0.4
Edwards:	4.7	5.5	4.9	6.8
Hollinger Office:	6.8	8.8	3.3	6.2
Sandy:	15.0	36.3	15.5	39.8

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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:	0.6	1.9
Edwards:	0.3	0.6
Hollinger Office:	1.6	2.4
Sandy:	2.9	7.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	6.2	3.5	10.2
Hollinger West:	0.1	0.1	0.1
Imerys:	1.3	0.7	1.1
Noah:	1.0	1.0	1.2
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.9	0.3	0.5
Wilson:	0.3	0.3	0.3