

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_119
Date: 9-Sep-18
Blast Time: 11:40
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: 9 km/hr
Wind Direction: E
Temperature: 14 °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: Extencicare**

	L_{Aeq}	L_{peak} dB
Comfort Inn:	52.3 LAeq	110.0 dB
Edwards:	44.9 LAeq	101.7 dB
Fred:	LAeq	dB
Hollinger Office:	52.6 LAeq	118.7 dB
Noah:	60.0 LAeq	107.2 dB
Sandy:	45.4 LAeq	100.0 dB
Water Tower:	47.0 LAeq	107.8 dB
Wilson:	47.9 LAeq	97.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	10.5	0.0	0.0
Edwards:	2.9	3.4	7.2	7.8
Hollinger Office:	114.3	1111.9	95.8	1066.3
Sandy:	3.4	4.0	3.3	5.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.0	2.6
Edwards:	0.7	1.6
Hollinger Office:	7.0	50.4
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.5	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	4.0	3.1	1.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.6	0.5
Noah:	1.1	0.7	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.5	0.4	0.2
Wilson:	0.5	0.8	0.3