

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3358_168
Date: 16-Jun-18
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 25 °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:	52.7 LAeq	107.0 dB
Edwards:	47.6 LAeq	99.4 dB
Fred:	44.5 LAeq	99.1 dB
Hollinger Office:	57.2 LAeq	110.2 dB
Noah:	61.0 LAeq	102.4 dB
Sandy:	46.8 LAeq	101.2 dB
Water Tower:	46.0 LAeq	107.2 dB
Wilson:	49.3 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.4	14.1	19.6	21.0
Edwards:	5.7	5.9	15.0	18.5
Hollinger Office:	17.6	21.9	22.5	36.8
Sandy:	5.3	7.3	20.9	31.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	1.6	3.1
Edwards:	1.4	2.4
Hollinger Office:	5.1	16.3
Sandy:	0.8	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.1	1.0	2.0
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.6	0.4	0.6
Hollinger West:	0.2	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.7	0.3	0.5
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.4	0.2	0.4
Wilson:	1.0	0.3	1.1