

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_252
Date: 4-Aug-18
Blast Time: 11:39
Blast Sign Activation: 7:30
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 0% Clear
Wind Speed: 7.3 km/hr
Wind Direction: S
Temperature: 22.5 °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:	52.2 LAeq	112.1 dB
Edwards:	47.0 LAeq	101.1 dB
Fred:	42.4 LAeq	95.7 dB
Hollinger Office:	52.8 LAeq	108.0 dB
Noah:	59.2 LAeq	101.6 dB
Sandy:	52.1 LAeq	98.3 dB
Water Tower:	47.5 LAeq	103.2 dB
Wilson:	49.2 LAeq	95.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.2	9.9	12.2	14.5
Edwards:	7.3	7.7	15.4	17.0
Hollinger Office:	14.5	16.3	20.5	26.2
Sandy:	4.6	7.5	11.1	17.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	2.0	3.1
Edwards:	0.7	1.4
Hollinger Office:	2.8	5.3
Sandy:	0.6	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.8	0.9
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.1	0.6	1.7
Hollinger West:	0.1	0.0	0.0
Imerys:	0.3	0.2	0.4
Noah:	0.3	0.2	0.4
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.0	0.0
Water Tower:	0.3	0.1	0.2
Wilson:	0.2	0.2	0.4