

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3340_033
Date: 20-Aug-18
Blast Time: 11:45
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: 2 km/hr
Wind Direction: NW
Temperature: 22.9 °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:	55.0 LAeq	103.0 dB
Edwards:	48.6 LAeq	98.0 dB
Fred:	49.9 LAeq	100.3 dB
Hollinger Office:	57.6 LAeq	107.0 dB
Noah:	61.2 LAeq	101.6 dB
Sandy:	47.3 LAeq	103.3 dB
Water Tower:	47.7 LAeq	107.9 dB
Wilson:	51.6 LAeq	97.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.7	57.4	33.7	53.3
Edwards:	31.8	57.4	103.7	179.9
Hollinger Office:	36.4	39.8	90.8	101.2
Sandy:	22.7	24.4	70.2	74.9

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

	Avg. NO _x	Max NO _x
Claimpost:	0.0	0.0
Edwards:	3.5	8.3
Hollinger Office:	3.9	8.0
Sandy:	1.1	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.8	0.3	0.6
Hollinger West:	0.3	0.2	0.4
Imerys:	0.6	0.7	0.6
Noah:	1.3	0.5	1.2
Moneta Pumping Station:	0.8	0.5	0.8
Sandy:	0.7	0.6	0.9
Water Tower:	0.9	0.5	0.7
Wilson:	1.3	1.5	2.0