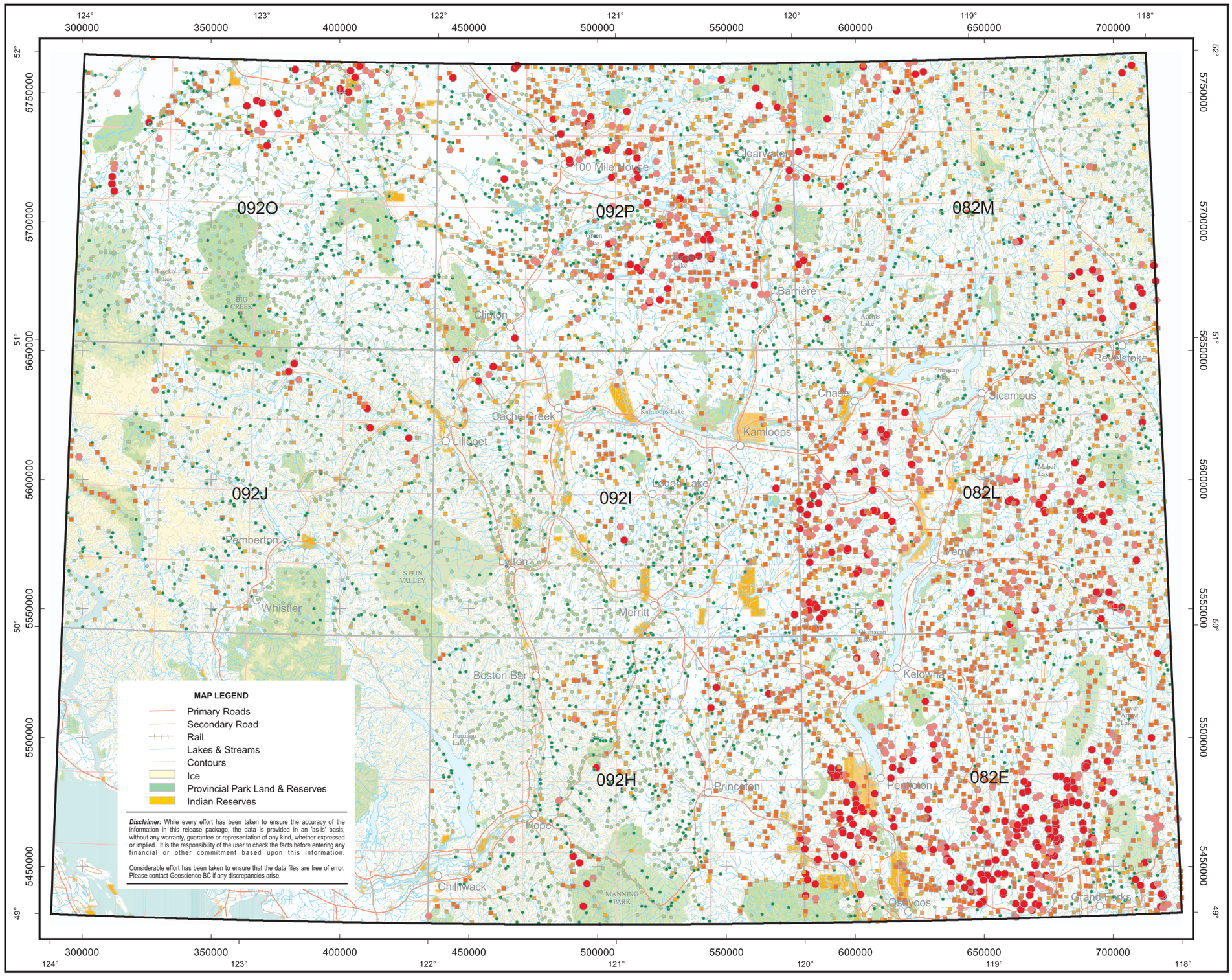


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QUEST South Regional Geochemical Data

SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Barium (Ba)

Percentile	Concentrations Stream	Lake	Till
MAX	5050	1400	1800
95TH	1500	470	1500
90TH	1300	340	1500
70TH	940	190	1200
50TH	740	92	1100
30TH	570	130	870
MIN	100	50	460

Summary Statistics

Stream Sediments

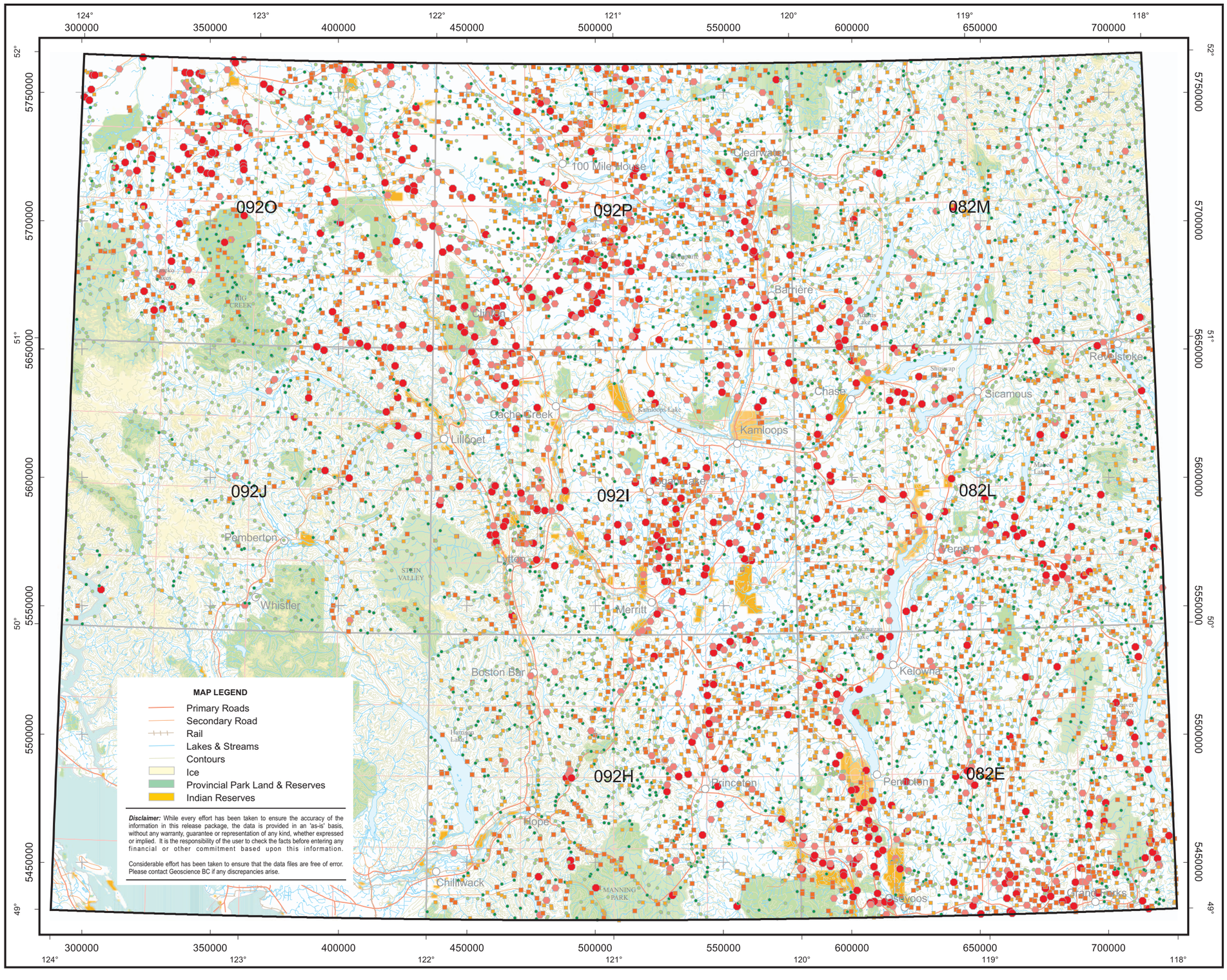
Variable -	Ba	*Mean* -	800.3
Units -	ppm	*Median* -	740.0
DL -	50	*Mode* -	1100.0
Method -	INAA	*Range* -	4950
N -	8637	*StD* -	374.92
N>DL -	8637	*CV* -	0.468

Lake Sediments

Variable -	Ba	*Mean* -	175.4
Units -	ppm	*Median* -	130.0
DL -	50	*Mode* -	50.0
Method -	INAA	*Range* -	1350
N -	769	*StD* -	146.76
N>DL -	707	*CV* -	0.837

Basal Till Samples

Variable -	Ba	*Mean* -	1066.2
Units -	ppm	*Median* -	1100.0
DL -	50	*Mode* -	1100.0
Method -	INAA	*Range* -	1340
N -	190	*StD* -	279.20
N>DL -	190	*CV* -	0.262



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SOUTHERN BRITISH COLUMBIA

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0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Bromine (Br)

Percentile	Concentrations Stream	Lake	Till
MAX	313.0	249.0	19.0
95TH	29.0	153.0	4.2
90TH	20.0	129.0	2.8
70TH	8.3	85.2	1.4
50TH	4.5	42.0	0.9
30TH	2.5	60.8	0.6
MIN	0.5	1.9	0.5

Summary Statistics

Stream Sediments

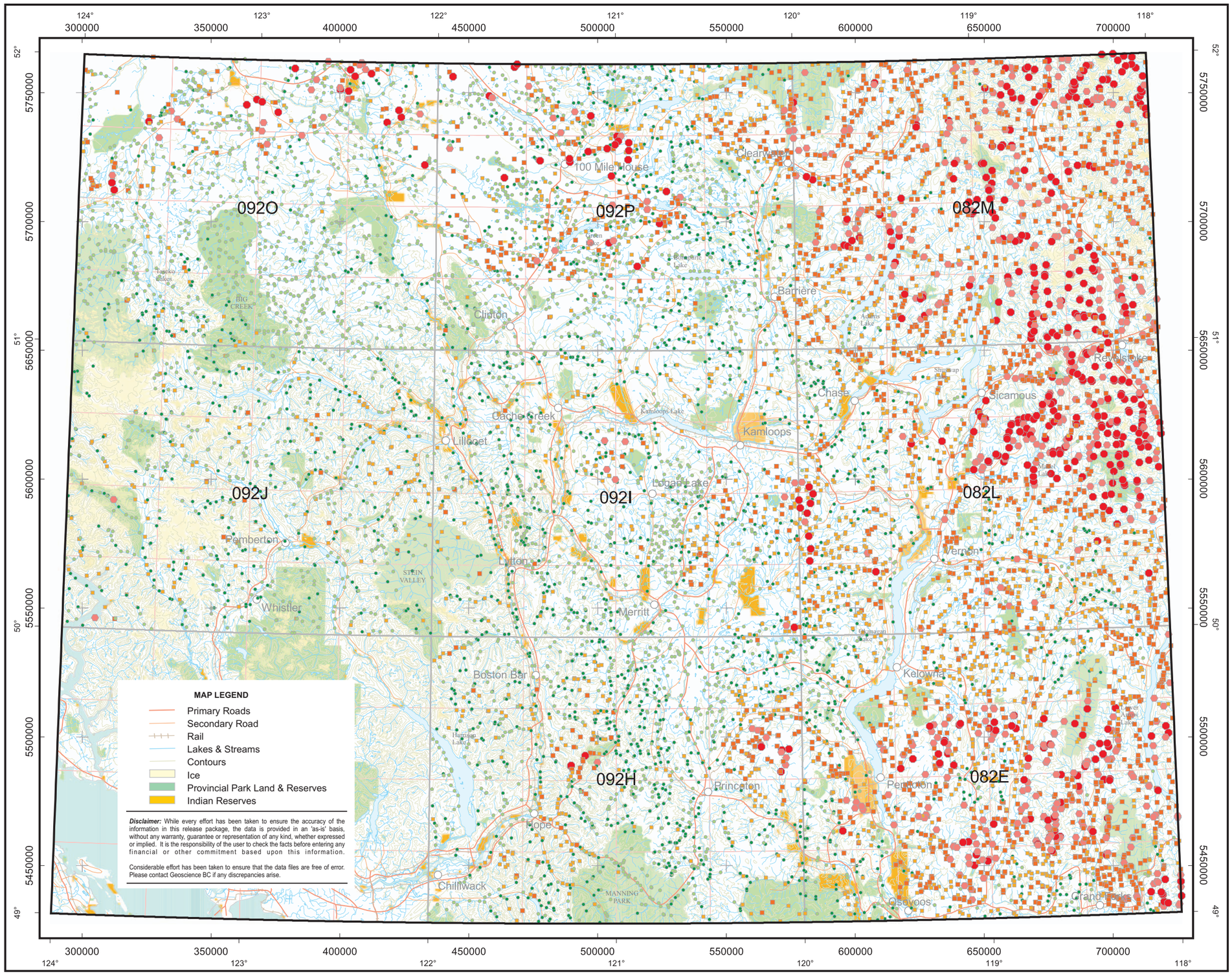
Variable -	Br	*Mean* -	8.85
Units -	ppm	*Median* -	4.50
DL -	0.5	*Mode* -	0.50
Method -	INAA	*Range* -	312.5
N -	8637	*StD* -	15.15
N>DL -	7914	*CV* -	1.712

Lake Sediments

Variable -	Br	*Mean* -	69.05
Units -	ppm	*Median* -	60.80
DL -	0.5	*Mode* -	23.00
Method -	INAA	*Range* -	247.1
N -	769	*StD* -	44.10
N>DL -	769	*CV* -	0.639

Basal Till Samples

Variable -	Br	*Mean* -	1.44
Units -	ppm	*Median* -	0.90
DL -	0.5	*Mode* -	0.50
Method -	INAA	*Range* -	18.5
N -	190	*StD* -	1.75
N>DL -	139	*CV* -	1.212



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Cerium (Ce)

Percentile	Concentrations Stream	Lake	Till
MAX	1500	63	110
95TH	270	30	76
90TH	190	22	69
70TH	92	11	55
50TH	56	5	47
30TH	38	7	42
MIN	5	5	17

Summary Statistics

Stream Sediments

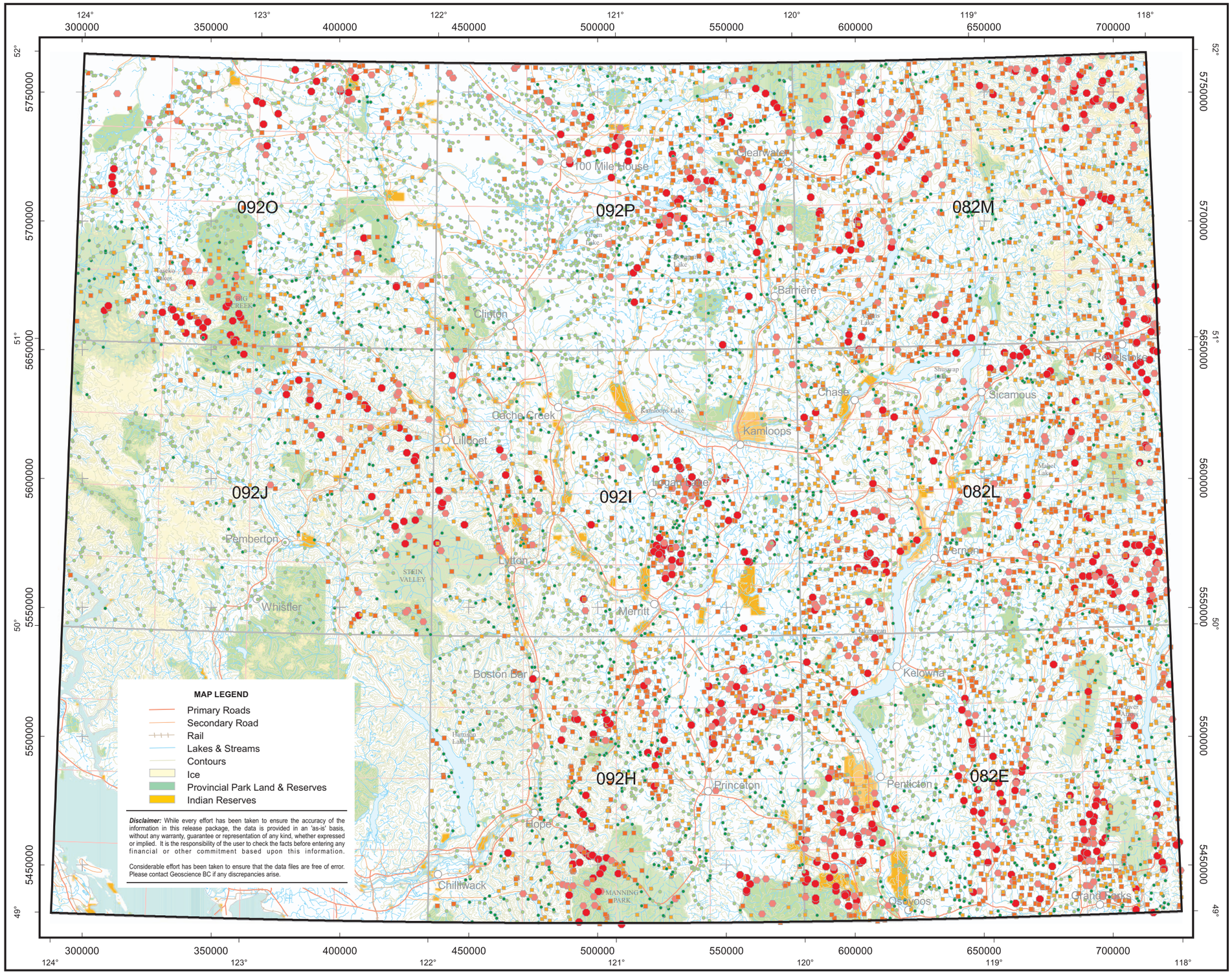
Variable -	Ce	*Mean* -	89.8
Units -	ppm	*Median* -	56.0
DL -	5	*Mode* -	110.0
Method -	INAA	*Range* -	1495
N -	8637	*StD* -	99.00
N>DL -	8636	*CV* -	1.102

Lake Sediments

Variable -	Ce	*Mean* -	10.5
Units -	ppm	*Median* -	7.0
DL -	5	*Mode* -	5.0
Method -	INAA	*Range* -	58
N -	769	*StD* -	8.86
N>DL -	432	*CV* -	0.844

Basal Till Samples

Variable -	Ce	*Mean* -	49.9
Units -	ppm	*Median* -	47.0
DL -	5	*Mode* -	38.0
Method -	INAA	*Range* -	93
N -	190	*StD* -	13.92
N>DL -	190	*CV* -	0.279



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Cesium (Cs)

Percentile	Concentrations Stream	Lake	Till
MAX	35.0	5.1	13.0
95TH	5.6	1.5	5.7
90TH	4.5	1.0	4.7
70TH	2.9	0.5	3.2
50TH	2.1	0.5	2.6
30TH	1.6	0.5	2.0
MIN	0.5	0.5	0.6

Summary Statistics

Stream Sediments

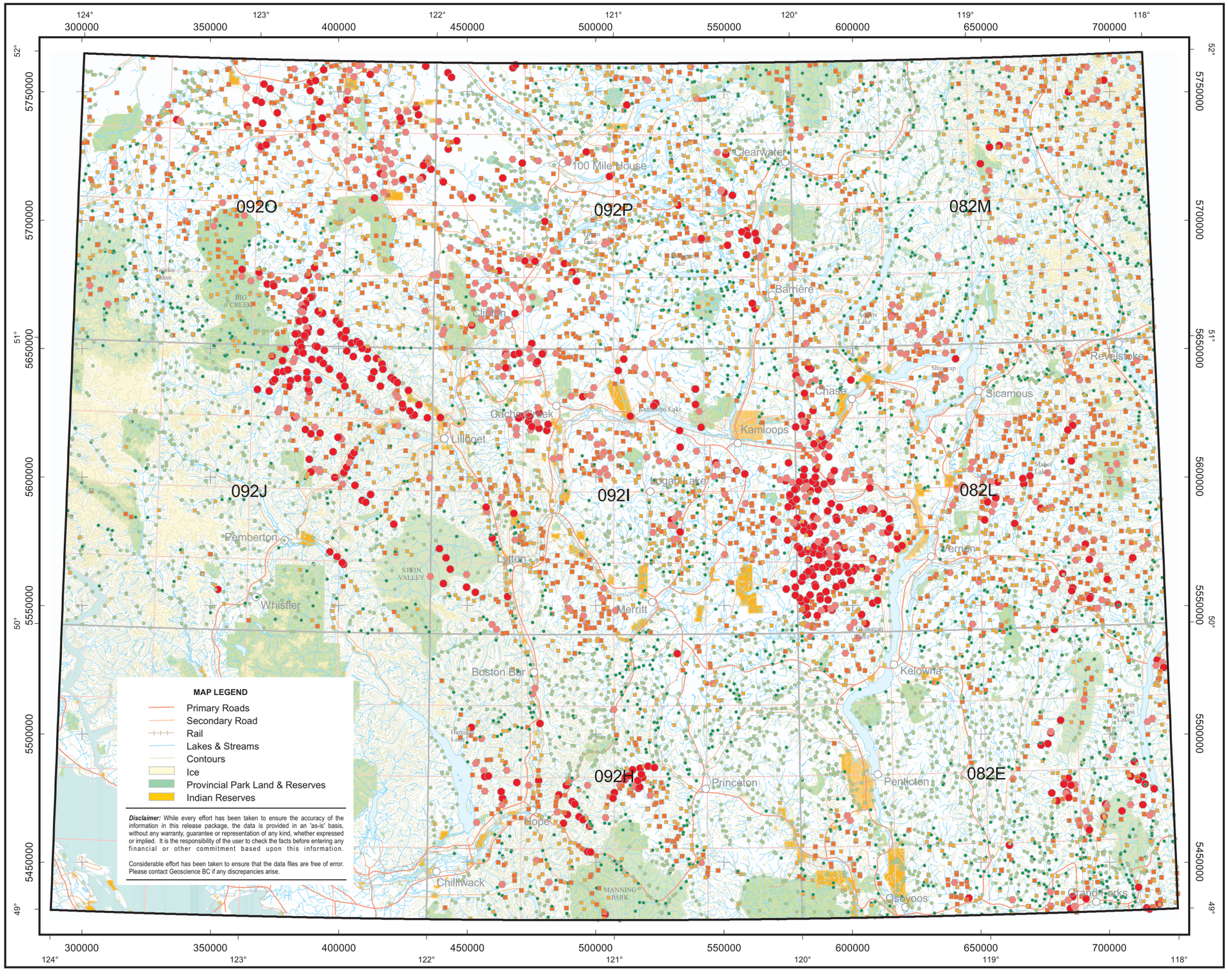
Variable	Cs	*Mean*	2.53
Units	ppm	*Median*	2.10
DL	0.5	*Mode*	0.50
Method	INAA	*Range*	34.5
N	8637	*StD*	1.88
N>DL	8257	*CV*	0.740

Lake Sediments

Variable	Cs	*Mean*	0.65
Units	ppm	*Median*	0.50
DL	0.5	*Mode*	0.50
Method	INAA	*Range*	4.6
N	769	*StD*	0.42
N>DL	176	*CV*	0.655

Basal Till Samples

Variable	Cs	*Mean*	2.89
Units	ppm	*Median*	2.60
DL	0.5	*Mode*	2.60
Method	INAA	*Range*	12.4
N	190	*StD*	1.56
N>DL	190	*CV*	0.539



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Chromium (Cr)

Percentile	Concentrations Stream	Lake	Till
MAX	4980	1100	940
95TH	400	110	340
90TH	270	78	280
70TH	150	35	210
50TH	99	20	160
30TH	64	20	130
MIN	5	20	29

Summary Statistics

Stream Sediments

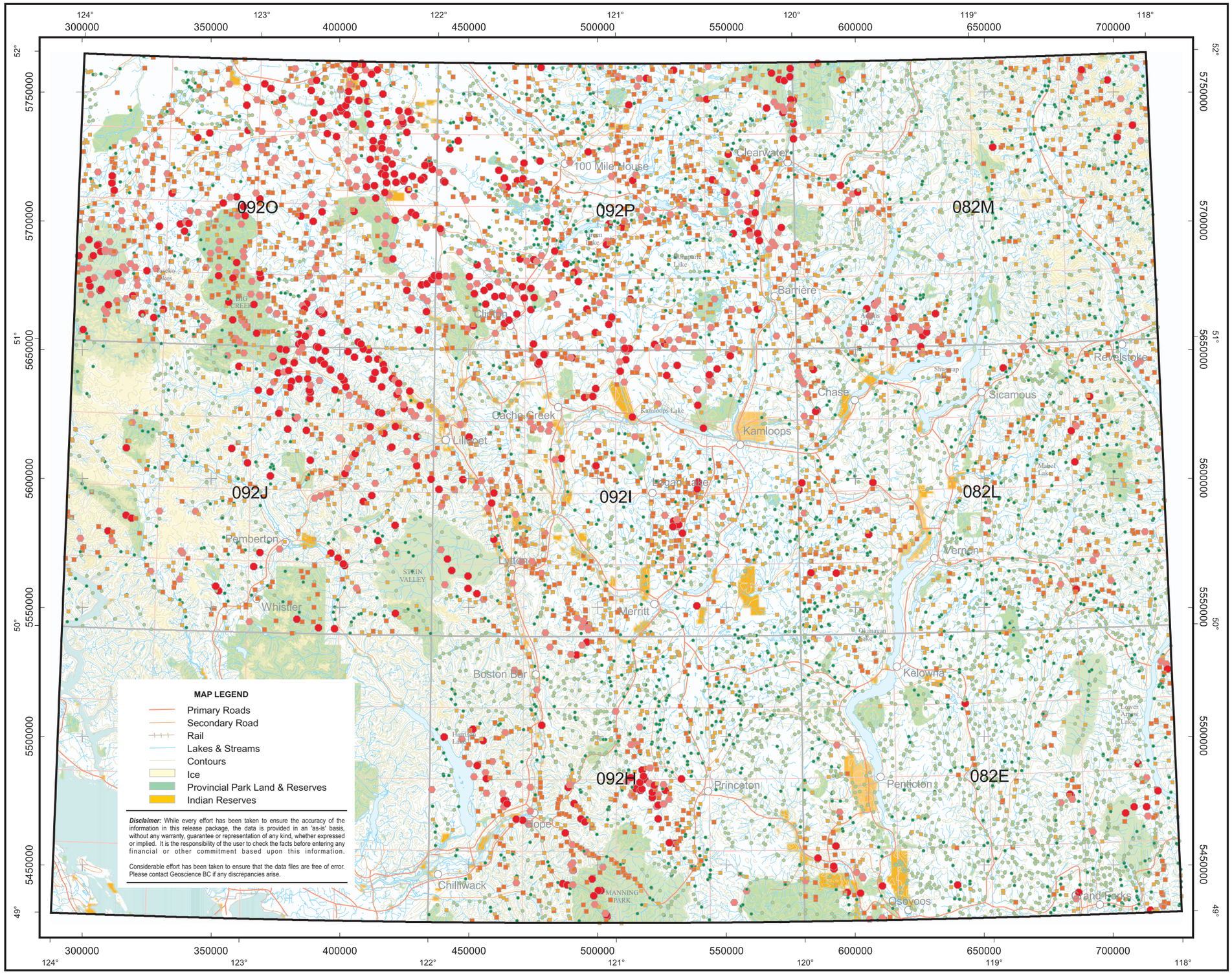
Variable -	Cr	*Mean* -	151.0
Units -	ppm	*Median* -	99.0
DL -	20	*Mode* -	110.0
Method -	INAA	*Range* -	4975
N -	8637	*StD* -	237.00
N>DL -	8306	*CV* -	1.570

Lake Sediments

Variable -	Cr	*Mean* -	40.2
Units -	ppm	*Median* -	20.0
DL -	20	*Mode* -	20.0
Method -	INAA	*Range* -	1080
N -	769	*StD* -	55.97
N>DL -	374	*CV* -	1.394

Basal Till Samples

Variable -	Cr	*Mean* -	185.3
Units -	ppm	*Median* -	160.0
DL -	20	*Mode* -	150.0
Method -	INAA	*Range* -	911
N -	190	*StD* -	101.60
N>DL -	190	*CV* -	0.548



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Cobalt (Co)

Percentile	Concentrations Stream	Lake	Till
MAX	660	88	41
95TH	37	21	36
90TH	30	17	33
70TH	21	10	28
50TH	16	5	25
30TH	12	7	21
MIN	5	5	11

Summary Statistics

Stream Sediments

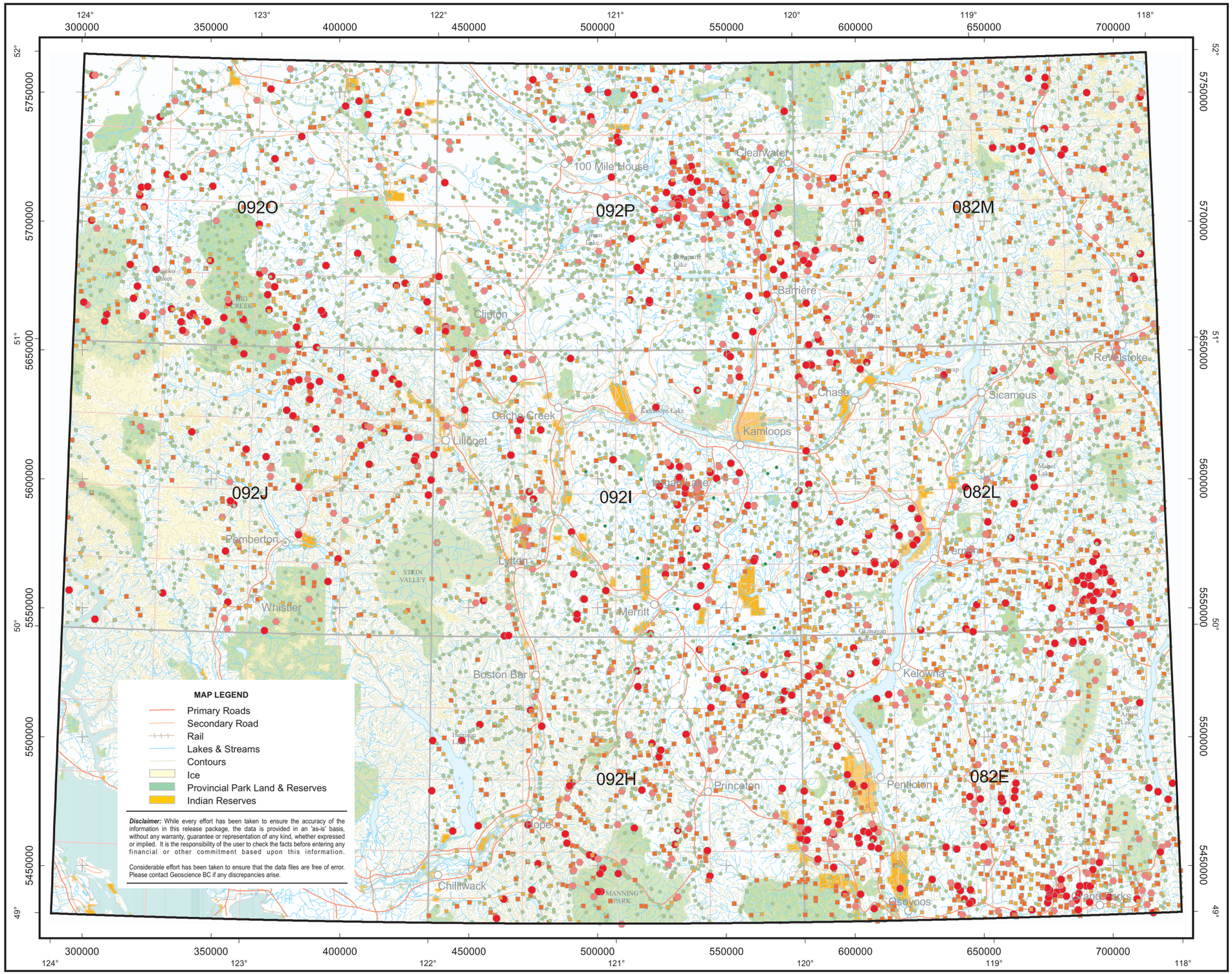
Variable -	Co	*Mean* -	17.8
Units -	ppm	*Median* -	16.0
DL -	5	*Mode* -	5.0
Method -	INAA	*Range* -	655
N -	8637	*StD* -	13.04
N>DL -	8074	*CV* -	0.732

Lake Sediments

Variable -	Co	*Mean* -	9.4
Units -	ppm	*Median* -	7.0
DL -	5	*Mode* -	5.0
Method -	INAA	*Range* -	83
N -	769	*StD* -	6.25
N>DL -	523	*CV* -	0.667

Basal Till Samples

Variable -	Co	*Mean* -	24.7
Units -	ppm	*Median* -	25.0
DL -	5	*Mode* -	27.0
Method -	INAA	*Range* -	30
N -	190	*StD* -	6.16
N>DL -	190	*CV* -	0.249



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Gold (Au)

Percentile	Concentrations Stream	Lake	Till
MAX	3530	15	63
95TH	23	4	29
90TH	12	3	17
70TH	4	2	8
50TH	2	2	5
30TH	2	2	4
MIN	2	2	2

Summary Statistics

Stream Sediments

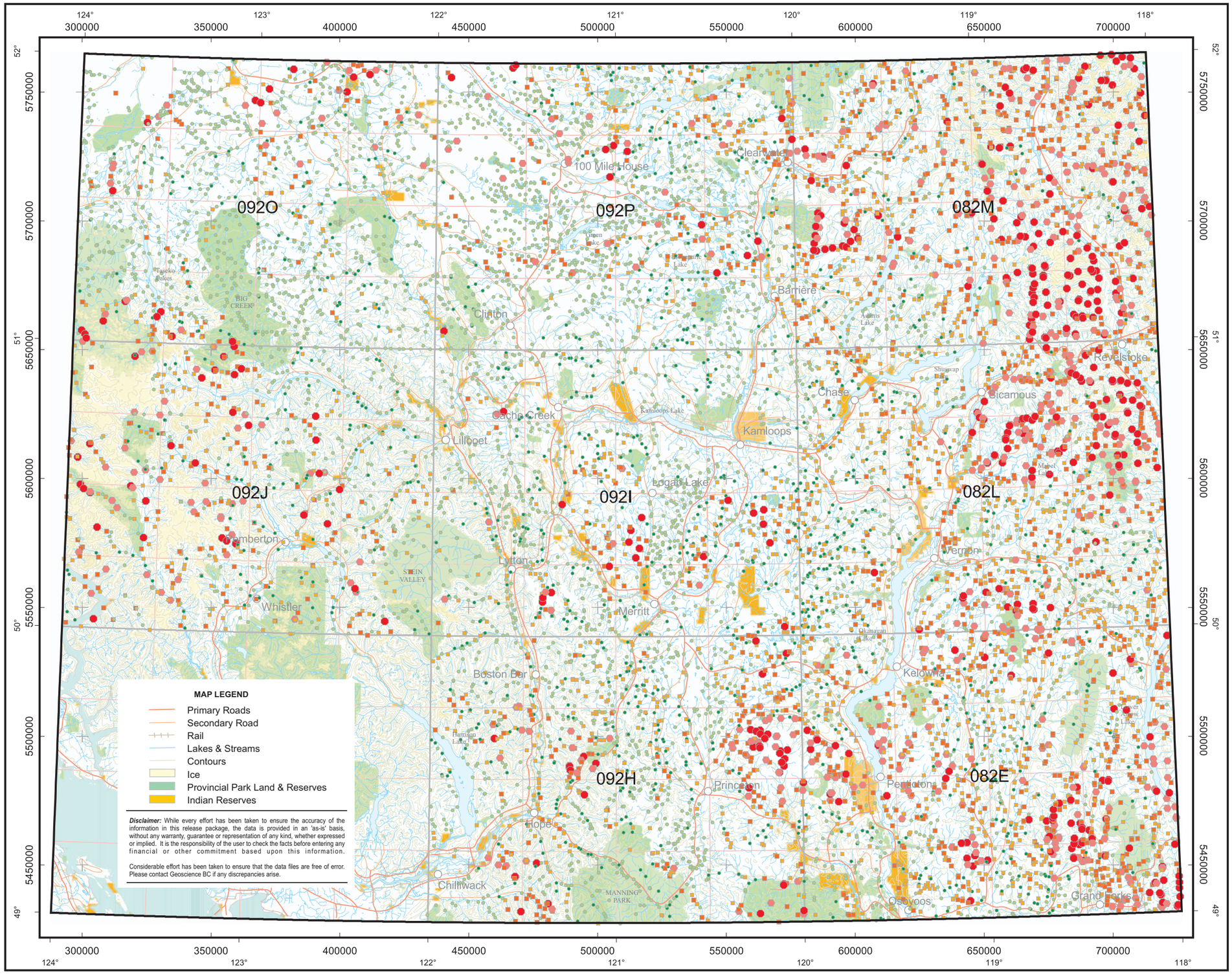
Variable -	Au	*Mean* -	8.8
Units -	ppb	*Median* -	2.0
DL -	2	*Mode* -	2.0
Method -	INAA	*Range* -	3528
N -	8637	*StD* -	56.89
N>DL -	3568	*CV* -	6.430

Lake Sediments

Variable -	Au	*Mean* -	2.3
Units -	ppb	*Median* -	2.0
DL -	2	*Mode* -	2.0
Method -	INAA	*Range* -	13
N -	769	*StD* -	1.00
N>DL -	97	*CV* -	0.439

Basal Till Samples

Variable -	Au	*Mean* -	8.4
Units -	ppb	*Median* -	5.0
DL -	2	*Mode* -	3.0
Method -	INAA	*Range* -	61
N -	190	*StD* -	8.97
N>DL -	166	*CV* -	1.071



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Hafnium (Hf)

Percentile	Concentrations Stream	Lake	Till
MAX	308	6	12
95TH	20	3	8
90TH	14	2	7
70TH	8	1	6
50TH	5	1	5
30TH	4	1	4
MIN	1	1	3

Summary Statistics

Stream Sediments

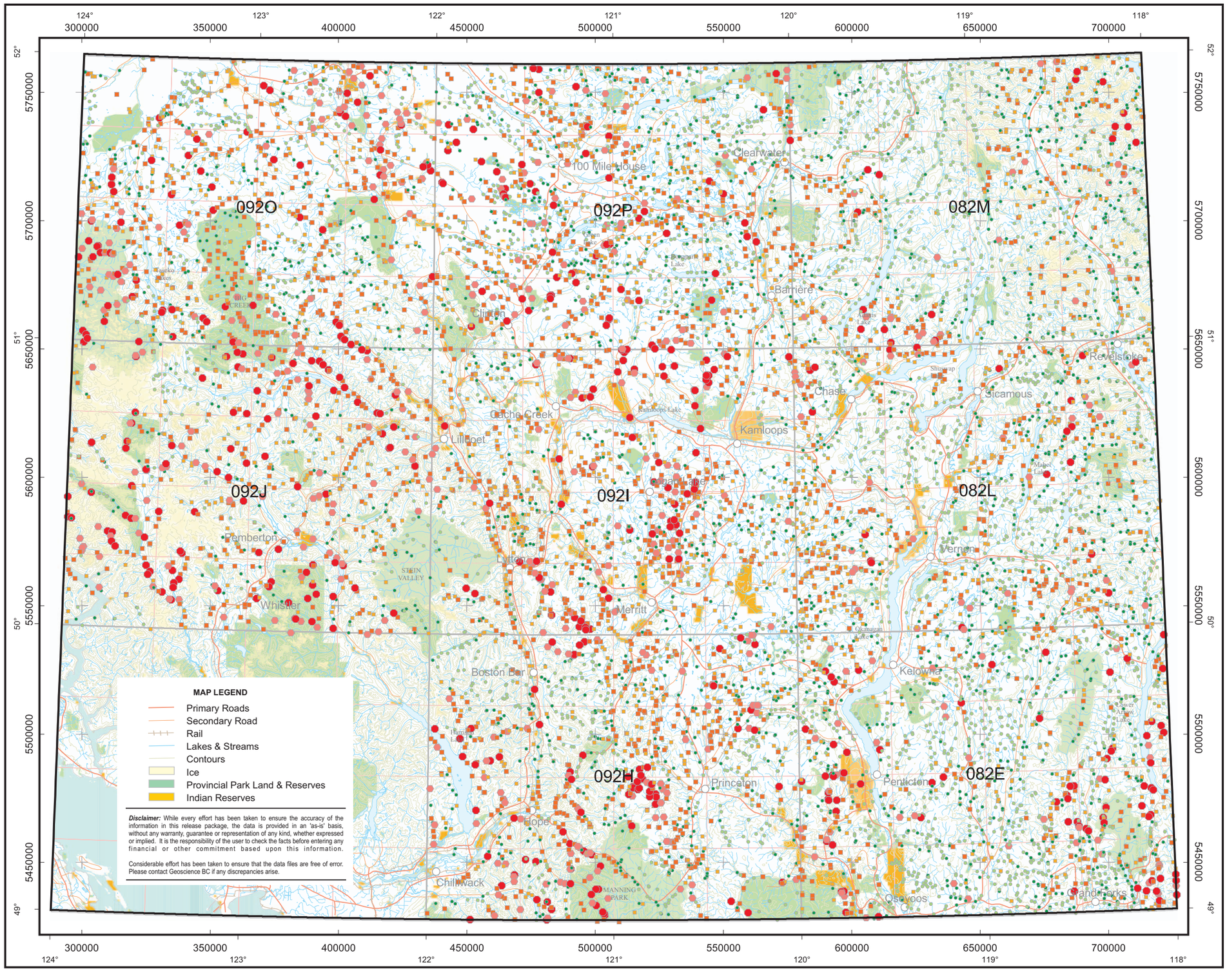
Variable -	Hf	*Mean* -	7.6
Units -	ppm	*Median* -	5.0
DL -	1	*Mode* -	4.0
Method -	INAA	*Range* -	307
N -	8637	*StD* -	8.52
N>DL -	8395	*CV* -	1.116

Lake Sediments

Variable -	Hf	*Mean* -	1.2
Units -	ppm	*Median* -	1.0
DL -	1	*Mode* -	1.0
Method -	INAA	*Range* -	5
N -	769	*StD* -	0.64
N>DL -	123	*CV* -	0.512

Basal Till Samples

Variable -	Hf	*Mean* -	5.3
Units -	ppm	*Median* -	5.0
DL -	1	*Mode* -	6.0
Method -	INAA	*Range* -	9
N -	190	*StD* -	1.49
N>DL -	190	*CV* -	0.284



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SOUTHERN BRITISH COLUMBIA

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0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Iron (Fe)

Percentile	Concentrations Stream	Lake	Till
MAX	37.2	12.0	8.1
95TH	7.4	4.6	6.9
90TH	6.5	3.8	6.4
70TH	4.9	2.1	5.7
50TH	4.1	1.0	5.2
30TH	3.3	1.4	4.7
MIN	0.2	0.2	3.4

Summary Statistics

Stream Sediments

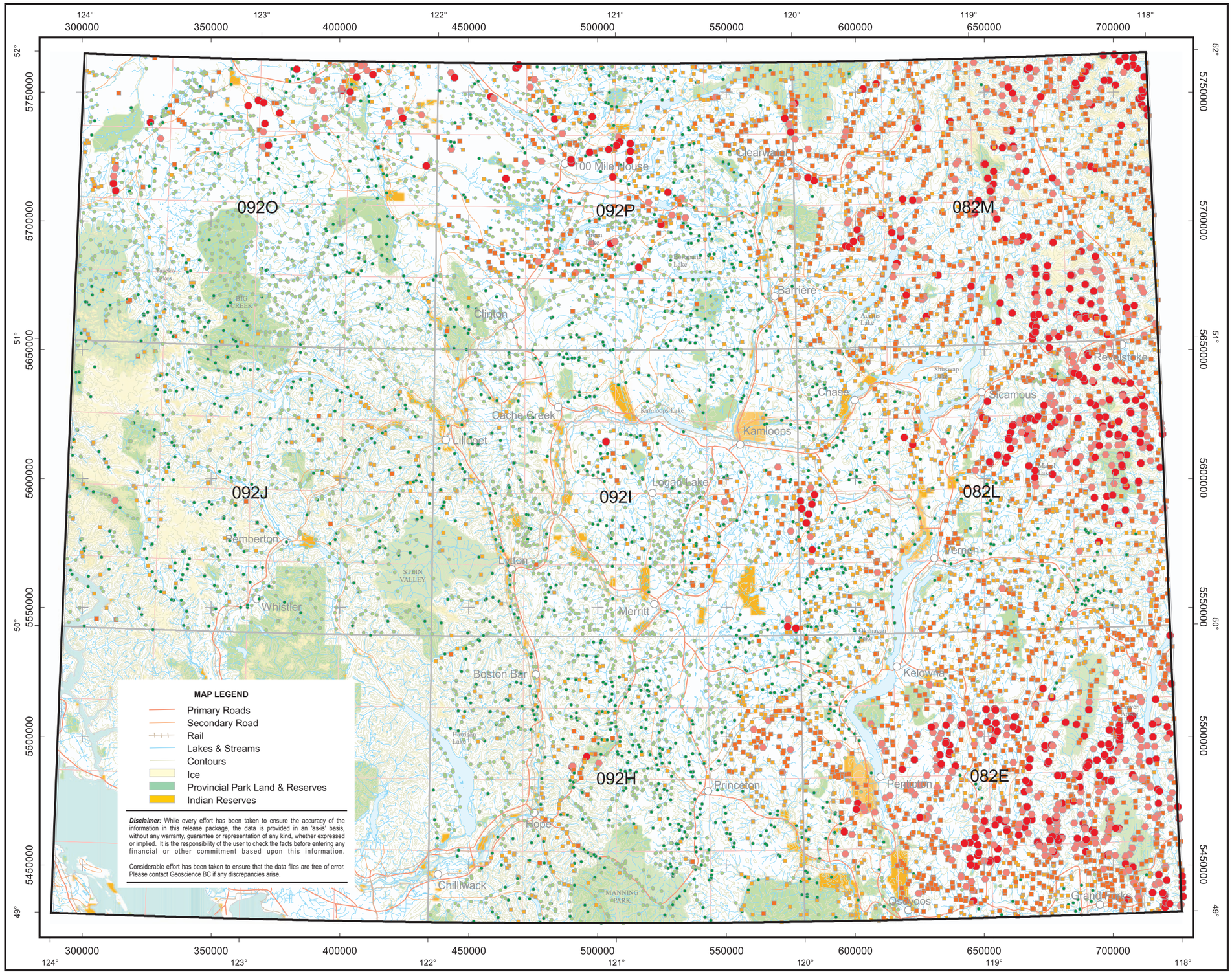
Variable	Fe	*Mean*	4.32
Units	%	*Median*	4.10
DL	0.2	*Mode*	4.10
Method	INAA	*Range*	37.0
N	8637	*StD*	1.96
N>DL	8633	*CV*	0.453

Lake Sediments

Variable	Fe	*Mean*	1.87
Units	%	*Median*	1.40
DL	0.2	*Mode*	1.00
Method	INAA	*Range*	11.8
N	769	*StD*	1.45
N>DL	759	*CV*	0.777

Basal Till Samples

Variable	Fe	*Mean*	5.26
Units	%	*Median*	5.20
DL	0.2	*Mode*	4.70
Method	INAA	*Range*	4.7
N	190	*StD*	0.91
N>DL	190	*CV*	0.173



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SOUTHERN BRITISH COLUMBIA

(082E, L, M; 092H, I, J, O & P)

0 50 100

Kilometres

TRANSVERSE MERCATOR PROJECTION
NORTH AMERICAN DATUM 1983

Lanthanum (La)

Percentile	Concentrations Stream	Lake	Till
MAX	1160	34	46
95TH	160	13	39
90TH	110	10	33
70TH	52	5	27
50TH	29	2	23
30TH	20	3	20
MIN	3	2	12

Summary Statistics

Stream Sediments

Variable -	La	*Mean* -	50.8
Units -	ppm	*Median* -	29.0
DL -	2	*Mode* -	19.0
Method -	INAA	*Range* -	1157
N -	8637	*StD* -	59.92
N>DL -	8637	*CV* -	1.179

Lake Sediments

Variable -	La	*Mean* -	4.6
Units -	ppm	*Median* -	3.0
DL -	2	*Mode* -	2.0
Method -	INAA	*Range* -	32
N -	769	*StD* -	4.31
N>DL -	404	*CV* -	0.933

Basal Till Samples

Variable -	La	*Mean* -	24.7
Units -	ppm	*Median* -	23.0
DL -	2	*Mode* -	20.0
Method -	INAA	*Range* -	34
N -	190	*StD* -	6.55
N>DL -	190	*CV* -	0.266