



REGIONAL DRAINAGE SEDIMENT AND WATER GEOCHEMICAL DATA

ANAHIM LAKE & NECHAKO RIVER, CENTRAL BRITISH COLUMBIA (NTS 93C & 93F)

*** APPENDIX C - MAPS ***

Table of Contents

Sample Location		Map 1	Magnesium	Mg	ICPMS	Map 18	Tungsten	W	ICPMS	Map 35	Lutetium	Lu	INAA	Map 52
Geology / MINFILE		Map 2	Manganese	Mn	ICPMS	Map 19	Uranium	U	ICPMS	Map 36	Molybdenum	Mo	INAA	Map 53
Aluminum	Al	ICPMS	Mercury	Hg	ICPMS	Map 20	Vanadium	V	ICPMS	Map 37	Rubidium	Rb	INAA	Map 54
Antimony	Sb	ICPMS	Molybdenum	Mo	ICPMS	Map 21	Zinc	Zn	ICPMS	Map 38	Samarium	Sm	INAA	Map 55
Arsenic	As	ICPMS	Nickel	Ni	ICPMS	Map 22	Antimony	Sb	INAA	Map 39	Scandium	Sc	INAA	Map 56
Barium	Ba	ICPMS	Phosphorus	P	ICPMS	Map 23	Arsenic	As	INAA	Map 40	Sodium	Na	INAA	Map 57
Bismuth	Bi	ICPMS	Potassium	K	ICPMS	Map 24	Barium	Ba	INAA	Map 41	Tantalum	Ta	INAA	Map 58
Cadmium	Cd	ICPMS	Scandium	Sc	ICPMS	Map 25	Bromine	Br	INAA	Map 42	Terbium	Tb	INAA	Map 59
Calcium	Ca	ICPMS	Selenium	Se	ICPMS	Map 26	Cerium	Ce	INAA	Map 43	Thorium	Th	INAA	Map 60
Chromium	Cr	ICPMS	Silver	Ag	ICPMS	Map 27	Cesium	Cs	INAA	Map 44	Tungsten	W	INAA	Map 61
Cobalt	Co	ICPMS	Sodium	Na	ICPMS	Map 28	Chromium	Cr	INAA	Map 45	Uranium	U	INAA	Map 62
Copper	Cu	ICPMS	Strontium	Sr	ICPMS	Map 29	Cobalt	Co	INAA	Map 46	Ytterbium	Yb	INAA	Map 63
Gallium	Ga	ICPMS	Sulphur	S	ICPMS	Map 30	Europium	Eu	INAA	Map 47	Fluorine	F	ION	Map 64
Gold	Au	ICPMS	Tellurium	Te	ICPMS	Map 31	Gold	Au	INAA	Map 48	Loss on Ignition	LOI	GRAV	Map 65
Iron	Fe	ICPMS	Thallium	Tl	ICPMS	Map 32	Hafnium	Hf	INAA	Map 49	Fluoride	FW	ION	Map 66
Lanthanum	La	ICPMS	Thorium	Th	ICPMS	Map 33	Iron	Fe	INAA	Map 50	Conductivity	CND	ISE	Map 67
Lead	Pb	ICPMS	Titanium	Ti	ICPMS	Map 34	Lanthanum	La	INAA	Map 51	PH	pH	ISE	Map 68



Sample Site Locations

- x 2005 Lake Site
- x 2005 Stream Site
- x 1993 Lake Site

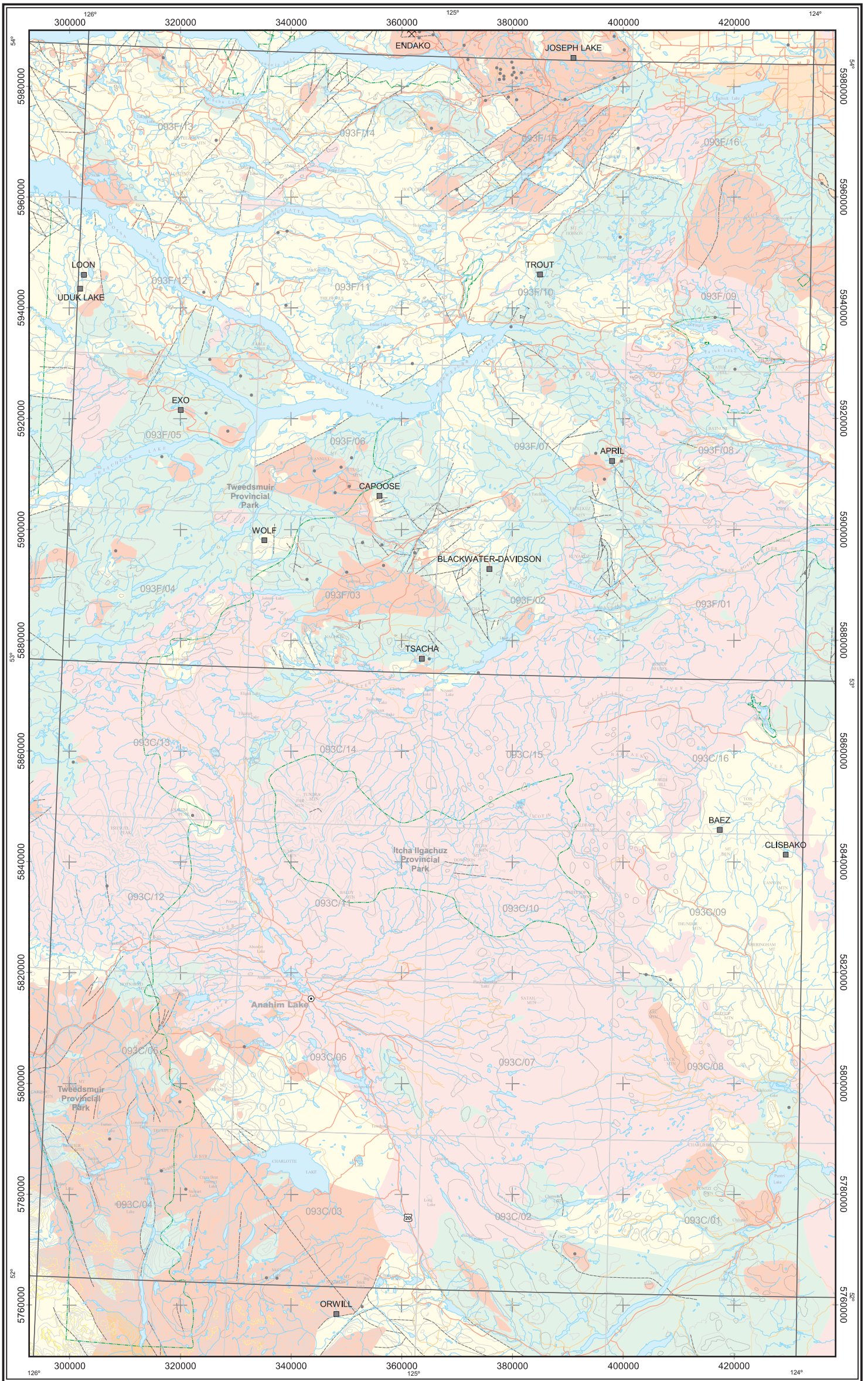
Central British Columbia
(NTS 93C and 93F)



Kilometres
UTM ZONE 10
DATUM NAD83



Report 2006-4



GEOLOGY LEGEND

- | | | | |
|--|-------------|--|-------------------|
| | Cache Creek | | Overlap |
| | Stikine | | Post Accretionary |
| | Unknown | | Younger Volcanics |

Massey N.W.D., MacIntyre D.G., Desjardins P.J. and Cooney R.T. (2005):
 Digital Geology Map of British Columbia (File NN10 Central BC), B.C.
 Ministry of Energy and Mines, Geofiles 2005-6.

Geology & MINFILE

Central British Columbia
 (NTS 93C and 93F)

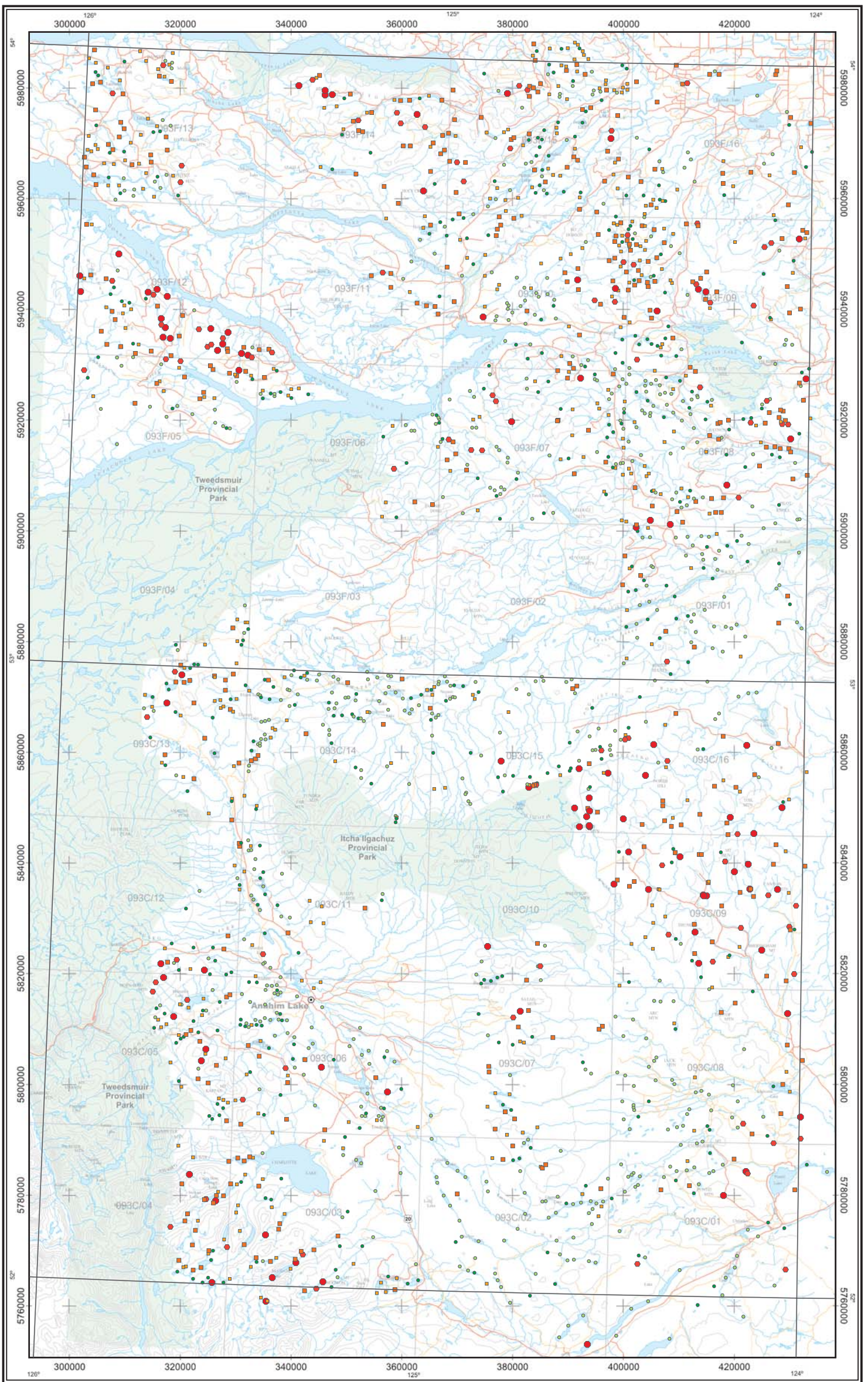


Kilometres
 UTM ZONE 10
 DATUM NAD83

MINERAL OCCURRENCES

- Producer/Past Producer
- Prospect/Dev. Prospect
- Showing

- Fault
- Quaternary



Concentration	Percentile	Count
5.01	MAX	n = 97
2.08	95TH	n = 92
1.77	90TH	n = 397
1.13	70TH	n = 381
0.77	50TH	n = 386
0.48	30TH	n = 600
0.02	MIN	

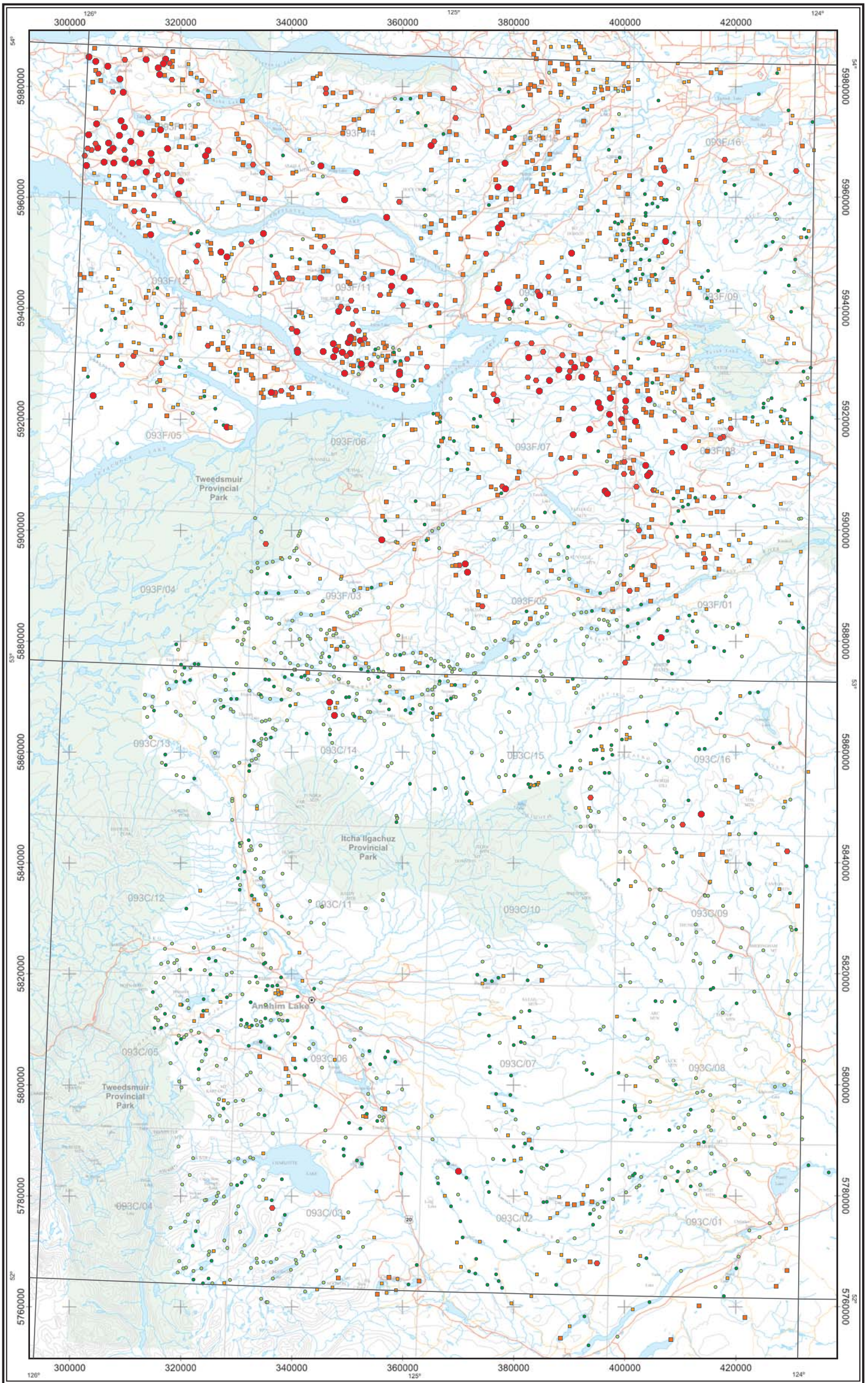
Aluminum (Al)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Al	Mean - 0.89
Units - %	Median - 0.77
DL - 0.01	Mode - 0.51
Method - ICPMS	Range - 4.99
N - 1953	SD - 0.64
N>DL - 1953	CV - 0.716



Concentration	Percentile	Count
7.70	MAX	n = 118
1.70	95TH	n = 116
1.30	90TH	n = 469
0.70	70TH	n = 486
0.46	50TH	n = 493
0.30	30TH	n = 732
0.02	MIN	

Antimony (Sb)

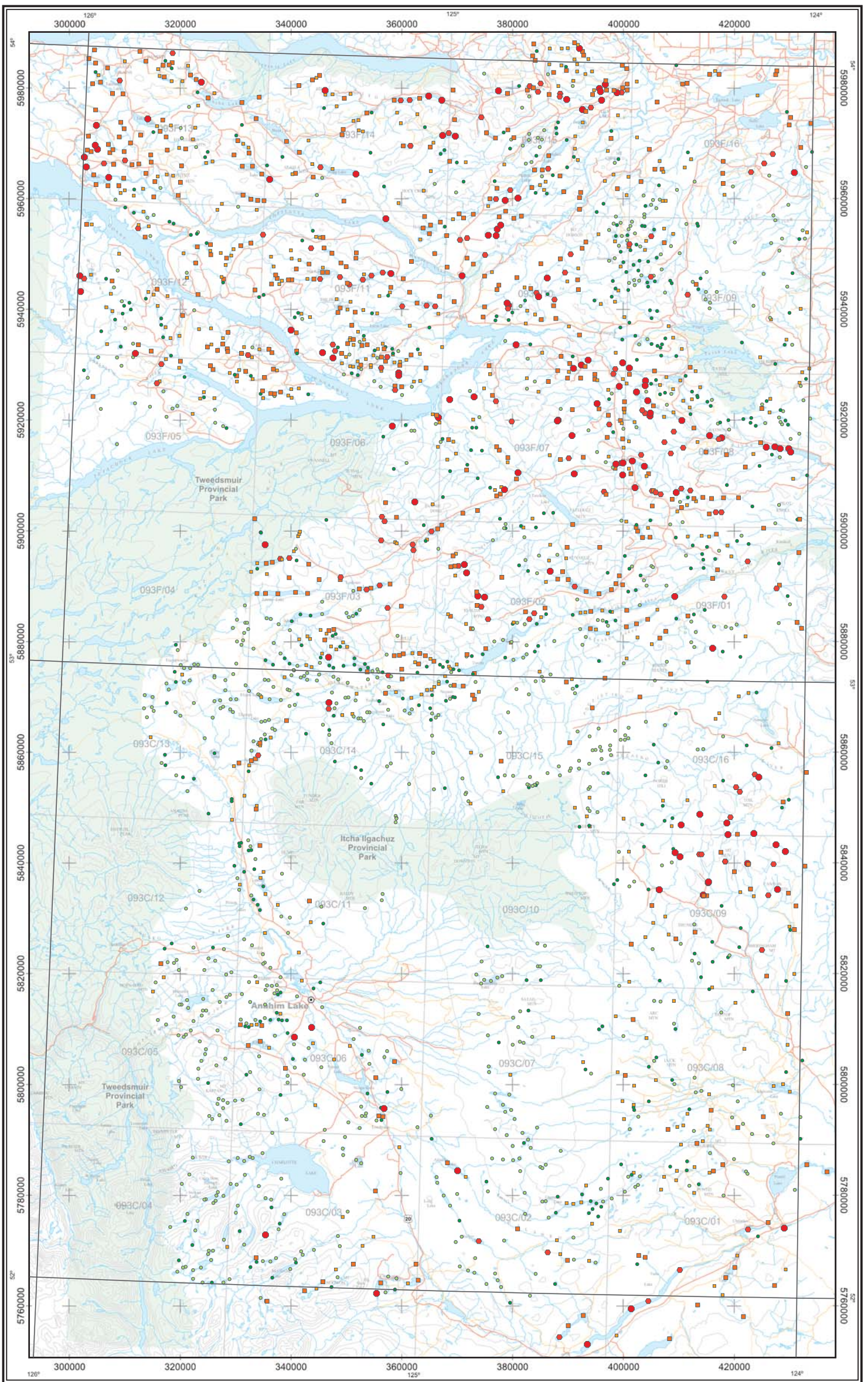
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Sb	Mean - 0.63
Units - ppm	Median - 0.46
DL - 0.02	Mode - 0.1
Method - ICPMS	Range - 7.68
N - 2414	SD - 0.61
N>DL - 2413	CV - 0.969



Concentration	Percentile	Count
91.6	MAX	n = 121
10.8	95TH	n = 120
7.3	90TH	n = 483
3.3	70TH	n = 462
1.8	50TH	n = 452
1.0	30TH	n = 776
0.1	MIN	

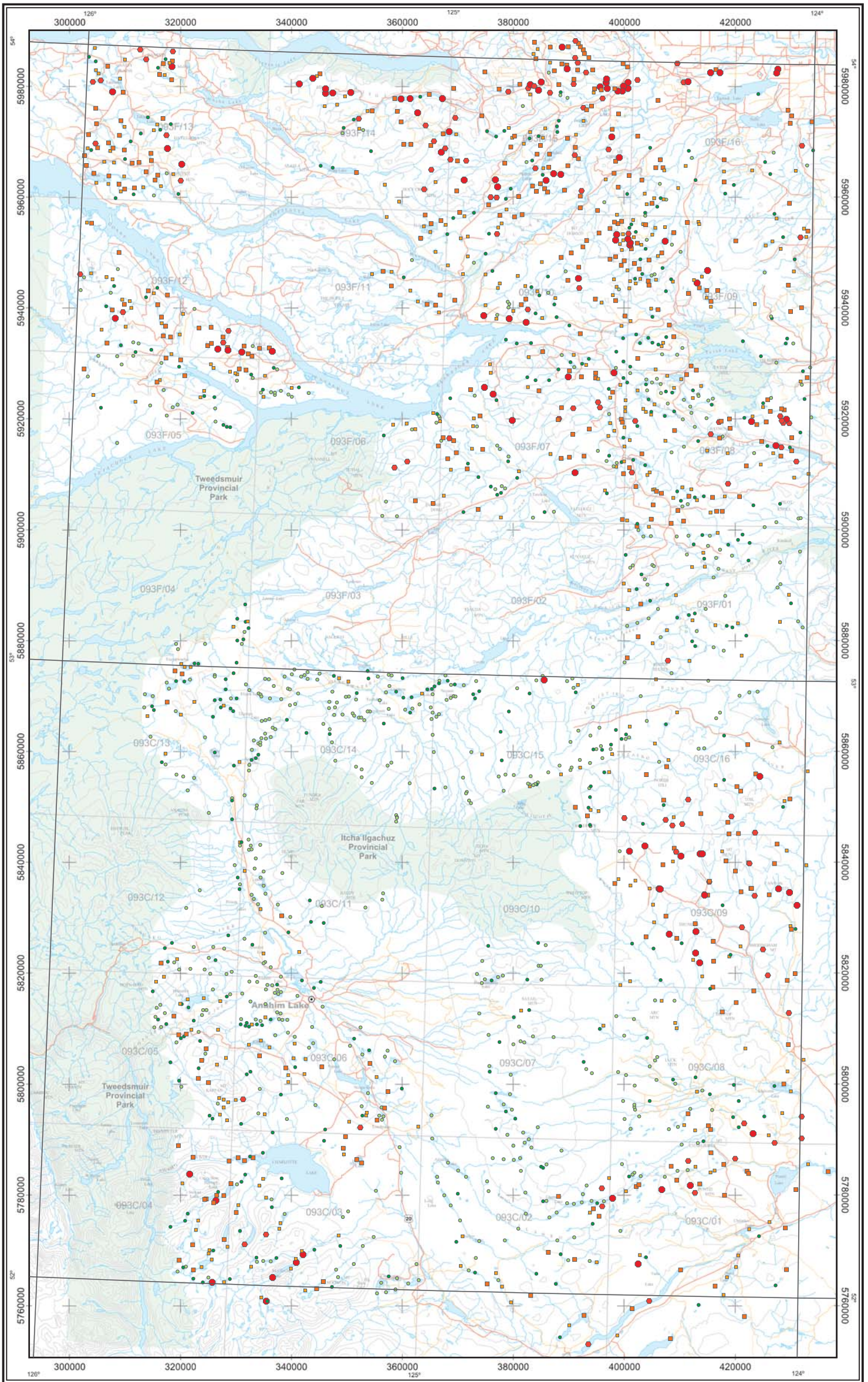
Arsenic (As)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - As	Mean -	3.39
Units - ppm	Median -	1.8
DL - 0.1	Mode -	0.8
Method - ICPMS	Range -	91.55
N - 2414	SD -	5.7
N>DL - 2351	CV -	1.681



Concentration	Percentile	Count
870.9	MAX	n = 98
187.6	95TH	n = 97
151.4	90TH	n = 391
96.0	70TH	n = 390
66.9	50TH	n = 390
45.0	30TH	n = 587
4.5	MIN	

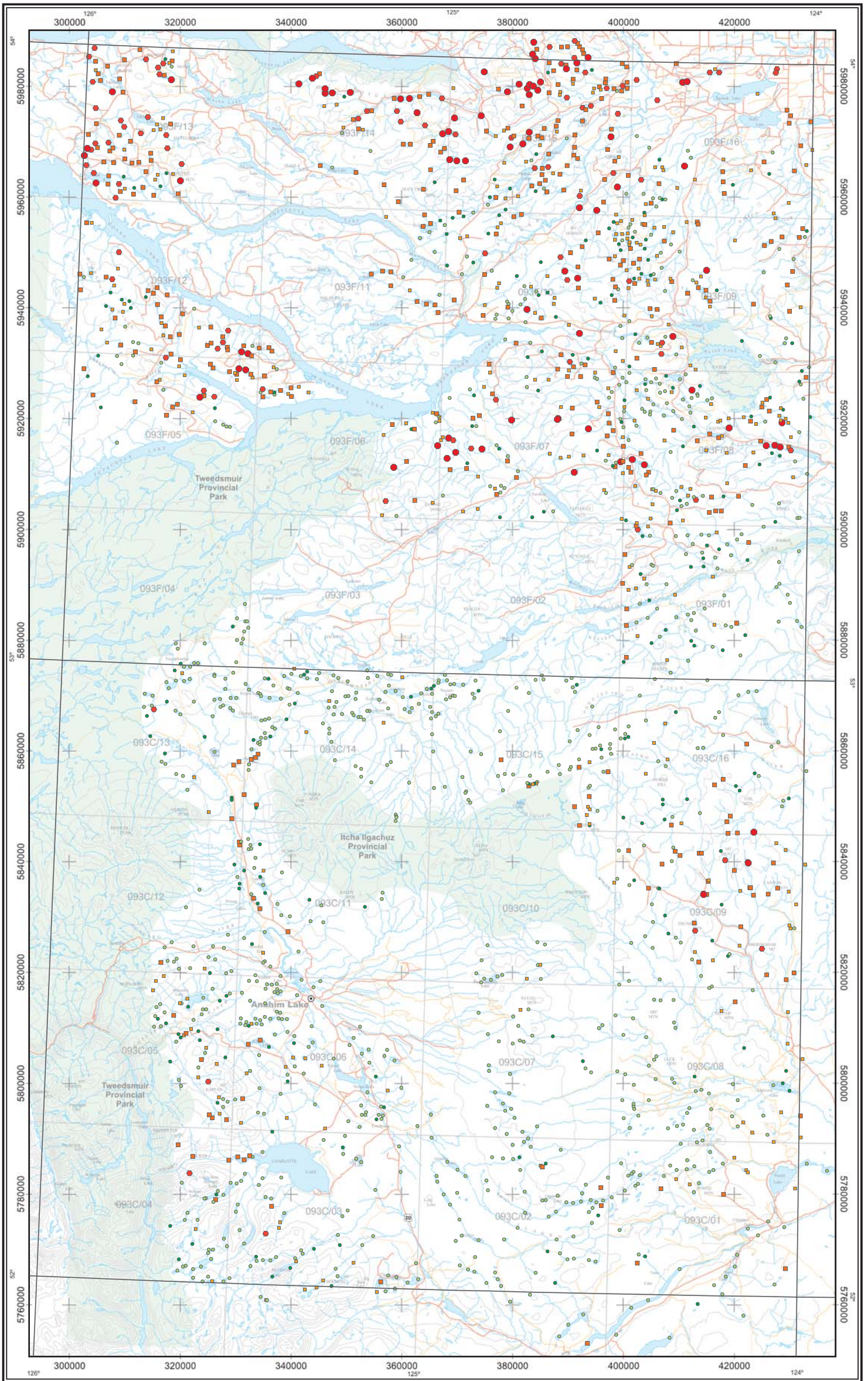
Barium (Ba)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ba	Mean -	81.23
Units - ppm	Median -	66.9
DL - 0.5	Mode -	50.2
Method - ICPMS	Range -	866.4
N - 1953	SD -	60.92
N>DL - 1953	CV -	0.75



Concentration	Percentile	Count
0.97	MAX	n = 81
0.14	95TH	n = 85
0.11	90TH	n = 376
0.06	70TH	n = 302
0.04	50TH	n = 224
0.03	30TH	n = 885
<0.02	MIN	

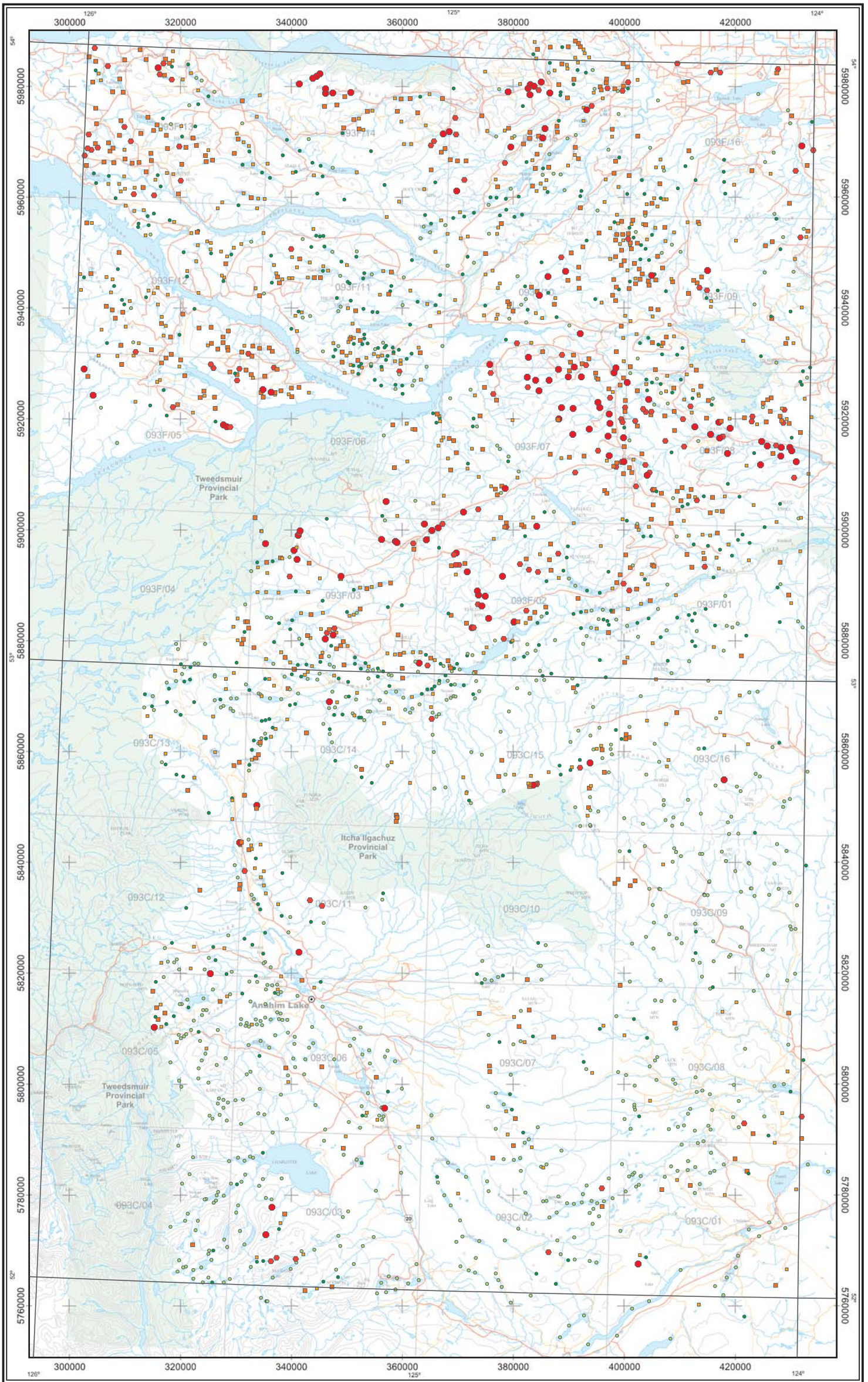
Bismuth (Bi)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Bi	Mean - 0.05
Units - ppm	Median - 0.04
DL - 0.02	Mode - 0.02
Method - ICPMS	Range - 0.96
N - 1953	SD - 0.05
N>DL - 1370	CV - 0.958



Concentration	Percentile	Count
5.34	MAX	n = 121
0.70	95TH	n = 120
0.52	90TH	n = 480
0.31	70TH	n = 479
0.22	50TH	n = 444
0.16	30TH	n = 770
<0.01	MIN	

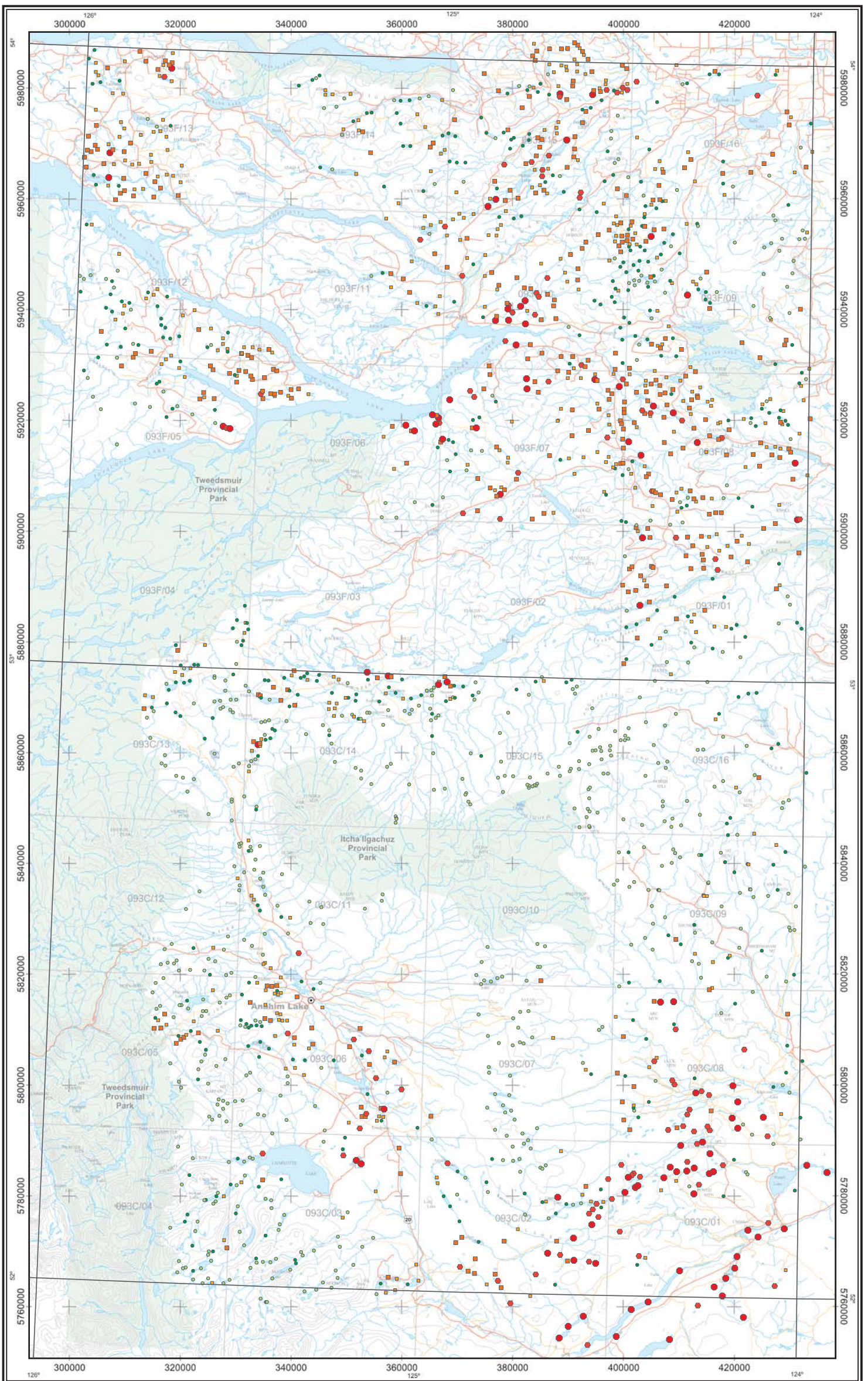
Cadmium (Cd)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Cd	Mean - 0.29
Units - ppm	Median - 0.22
DL - 0.01	Mode - 0.2
Method - ICPMS	Range - 5.335
N - 2414	SD - 0.29
N>DL - 2405	CV - 1.011



Concentration	Percentile	Count
39.86	MAX	n = 97
8.38	95TH	n = 98
2.34	90TH	n = 379
1.15	70TH	n = 389
0.81	50TH	n = 393
0.58	30TH	n = 597
0.11	MIN	

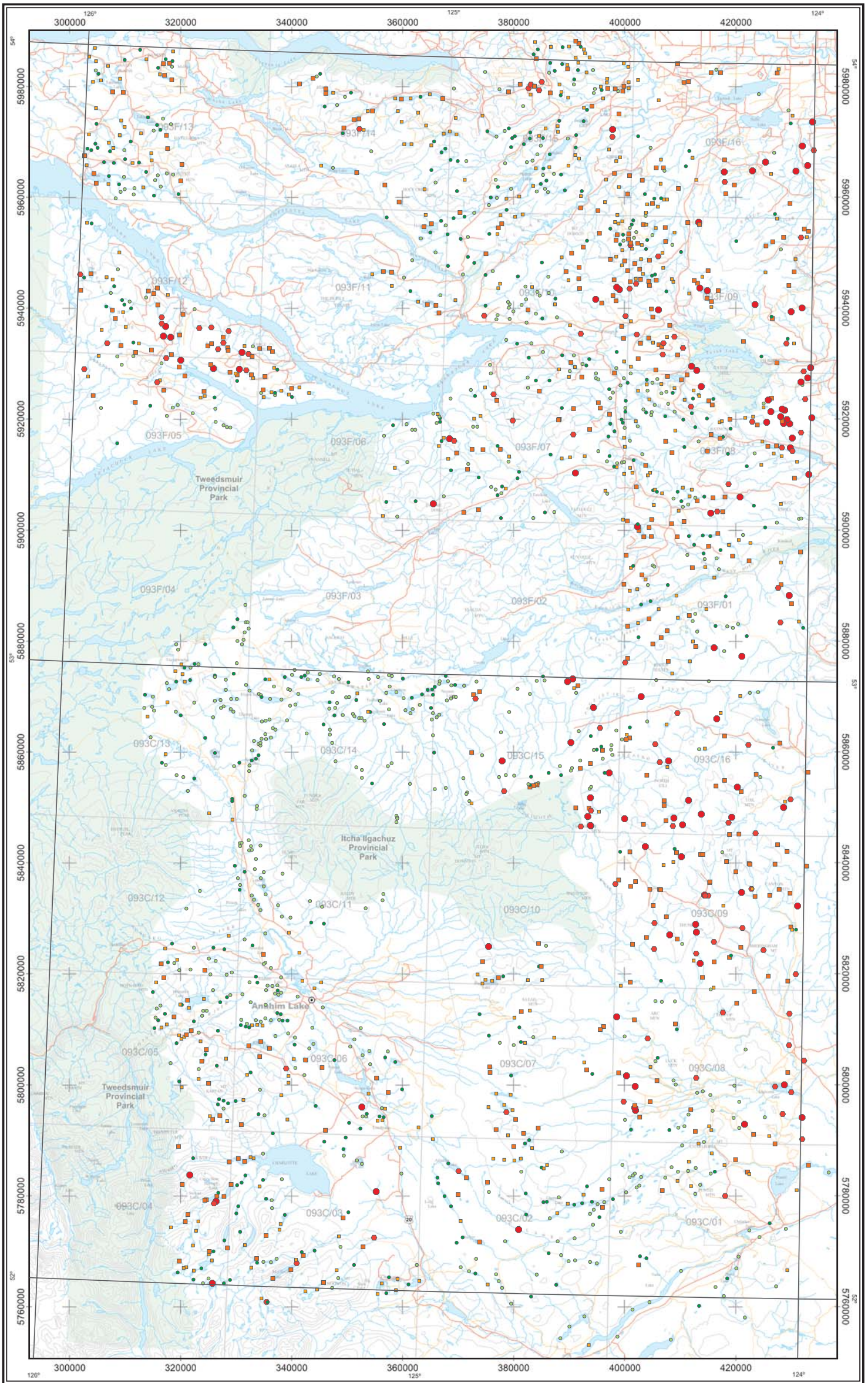
Calcium (Ca)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ca	Mean - 1.84
Units - %	Median - 0.81
DL - 0.01	Mode - 0.62
Method - ICPMS	Range - 39.75
N - 1953	SD - 3.87
N>DL - 1953	CV - 2.1



Concentration	Percentile	Count
230.5	MAX	n = 97
37.2	95TH	n = 96
31.8	90TH	n = 393
20.6	70TH	n = 390
14.4	50TH	n = 391
9.7	30TH	n = 586
<0.5	MIN	

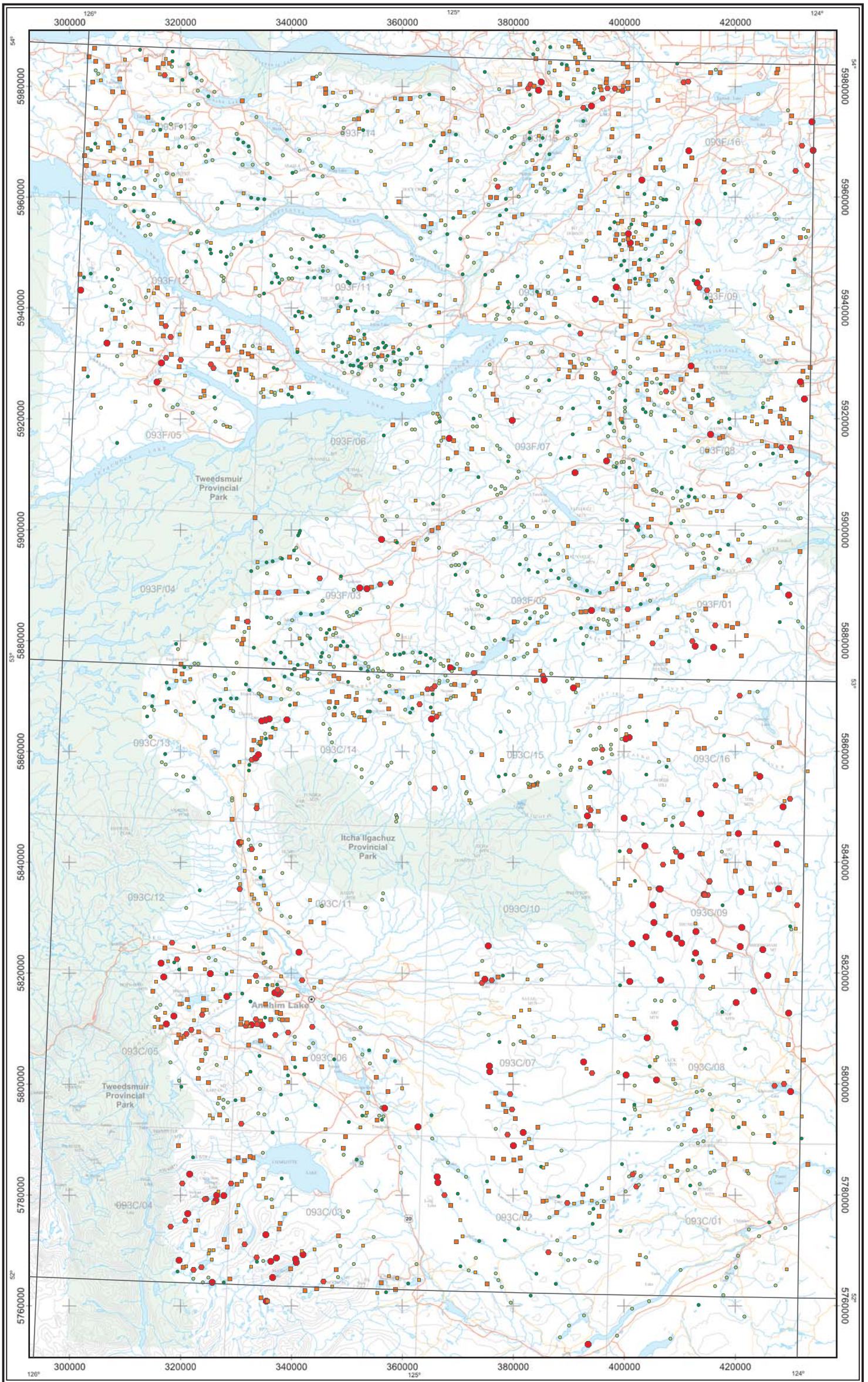
Chromium (Cr)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Cr	Mean -	16.92
Units - ppm	Median -	14.4
DL - 0.5	Mode -	13.2
Method - ICPMS	Range -	230.25
N - 1953	SD -	12.56
N>DL - 1948	CV -	0.742



Concentration	Percentile	Count
80.6	MAX	n = 120
12.9	95TH	n = 117
10.5	90TH	n = 468
7.1	70TH	n = 478
5.2	50TH	n = 482
3.9	30TH	n = 749
<0.1	MIN	

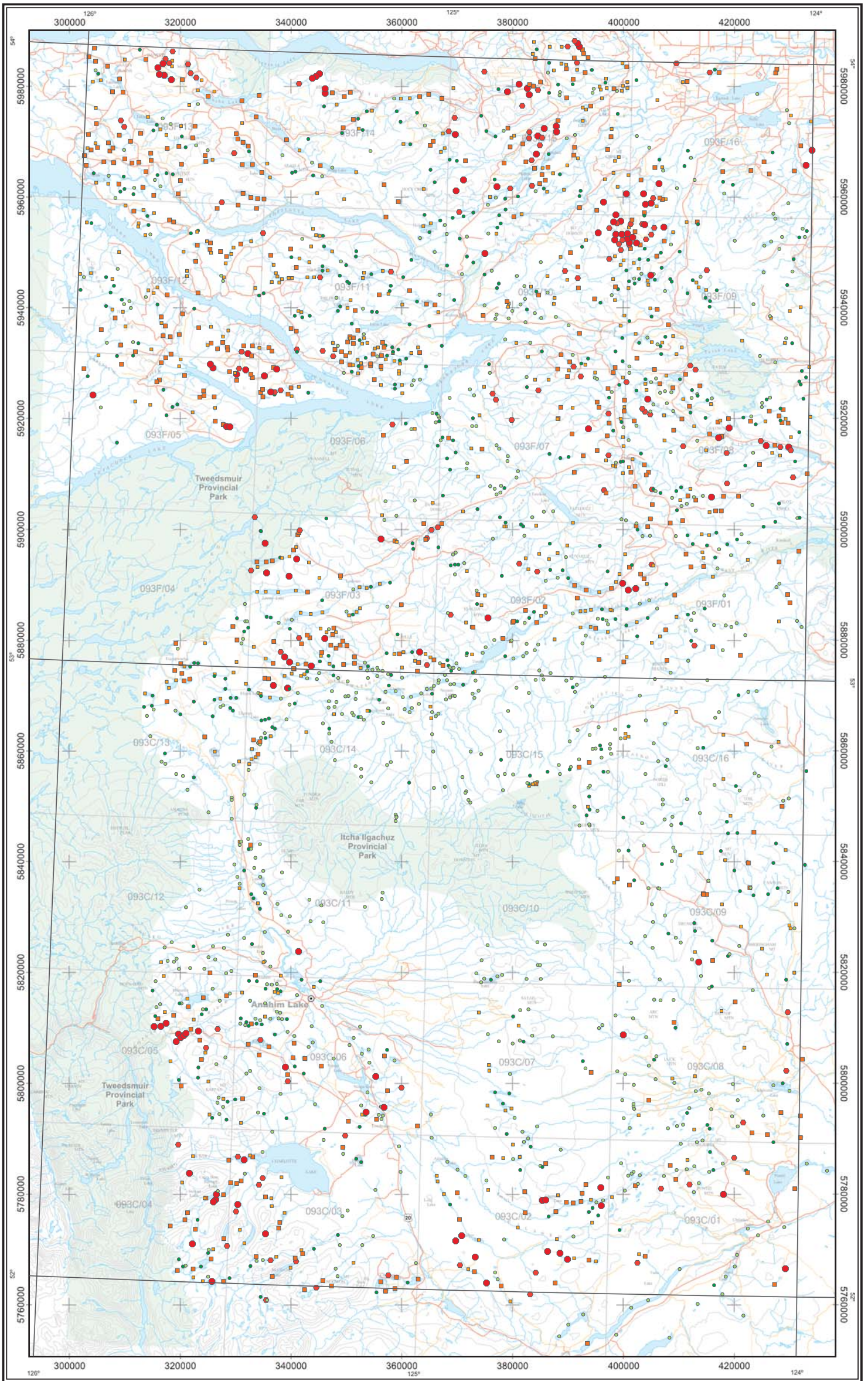
Cobalt (Co)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Co	Mean -	6.11
Units - ppm	Median -	5.2
DL - 0.1	Mode -	4
Method - ICPMS	Range -	80.55
N - 2414	SD -	4.66
N>DL - 2412	CV -	0.763



Concentration	Percentile	Count
1536.43	MAX	n = 121
61.19	95TH	n = 120
47.93	90TH	n = 483
32.88	70TH	n = 482
25.04	50TH	n = 483
18.35	30TH	n = 725
1.04	MIN	

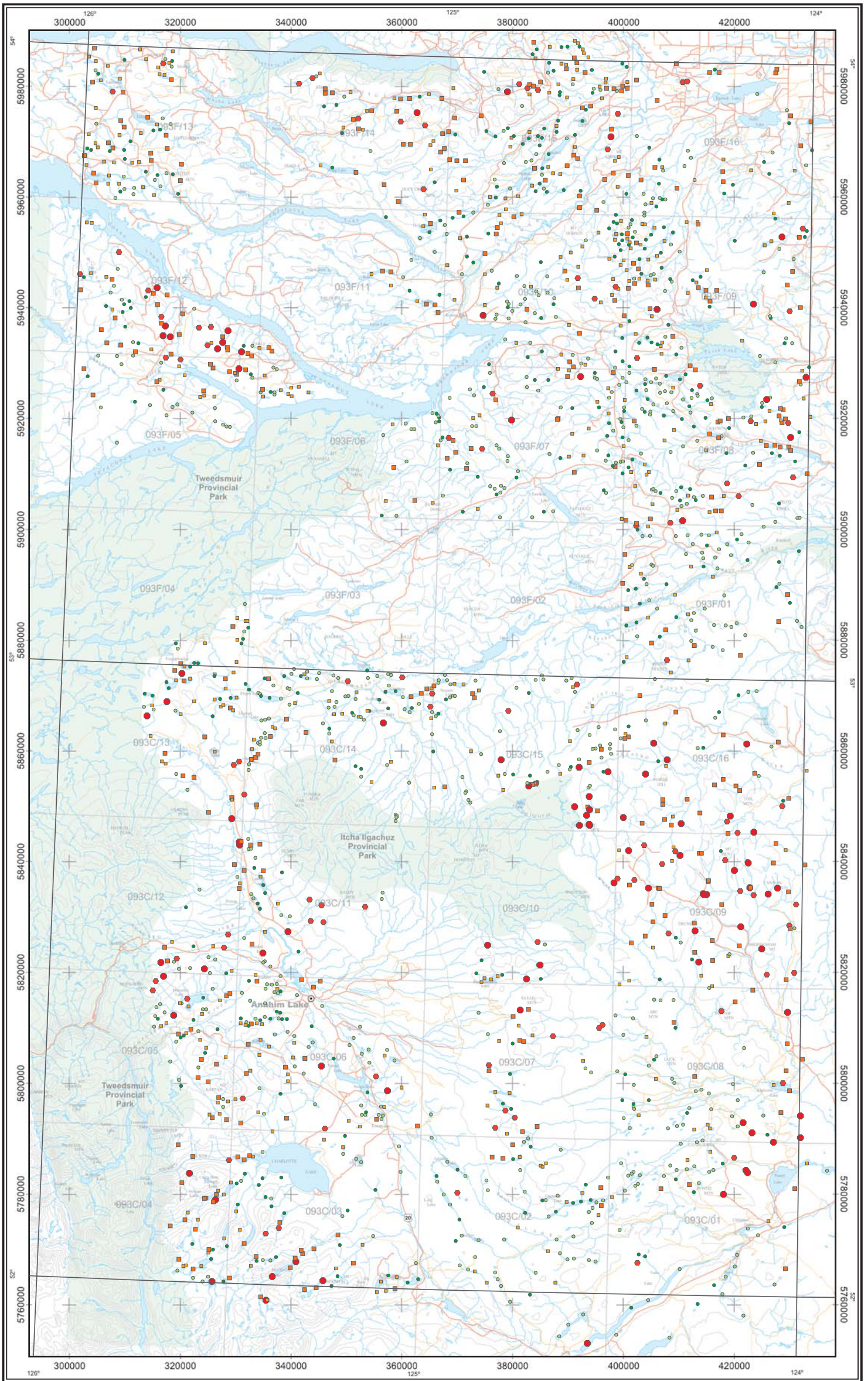
Copper (Cu)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Cu	Mean - 29.26
Units - ppm	Median - 25.04
DL - 0.01	Mode - 27
Method - ICPMS	Range - 1535.36
N - 2414	SD - 37.24
N>DL - 2414	CV - 1.273



Concentration	Percentile	Count
14.2	MAX	n = 93
5.7	95TH	n = 99
4.7	90TH	n = 375
3.1	70TH	n = 400
2.0	50TH	n = 378
1.2	30TH	n = 608
<0.1	MIN	

Gallium (Ga)

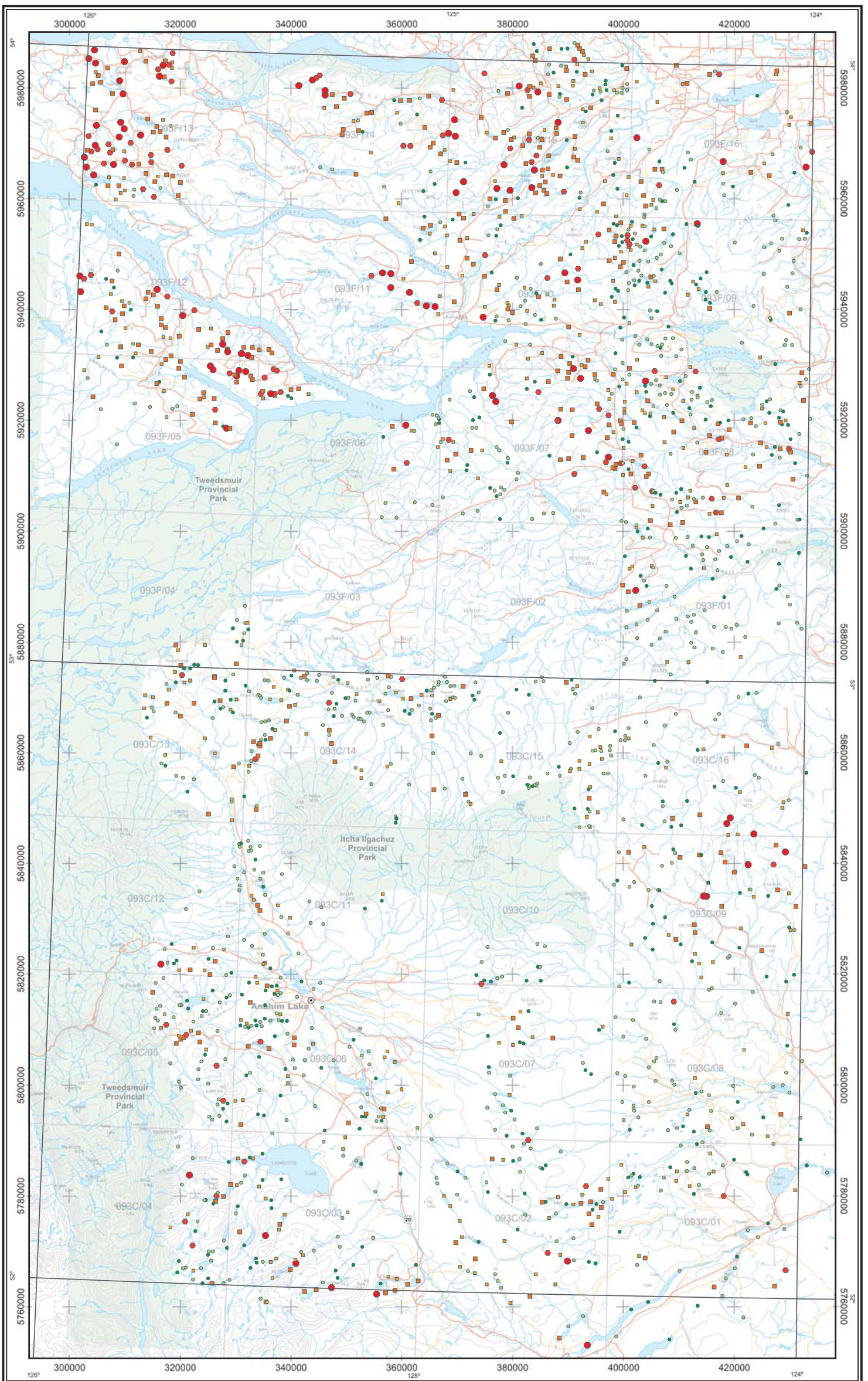
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Ga	Mean -	2.41
Units - ppm	Median -	2
DL - 0.1	Mode -	0.7
Method - ICPMS	Range -	14.15
N - 1953	SD -	1.81
N>DL - 1926	CV -	0.748



Concentration	Percentile	Count
34.8	MAX	n = 90
2.7	95TH	n = 100
2.0	90TH	n = 347
1.2	70TH	n = 345
0.8	50TH	n = 390
0.5	30TH	n = 681
<0.2	MIN	

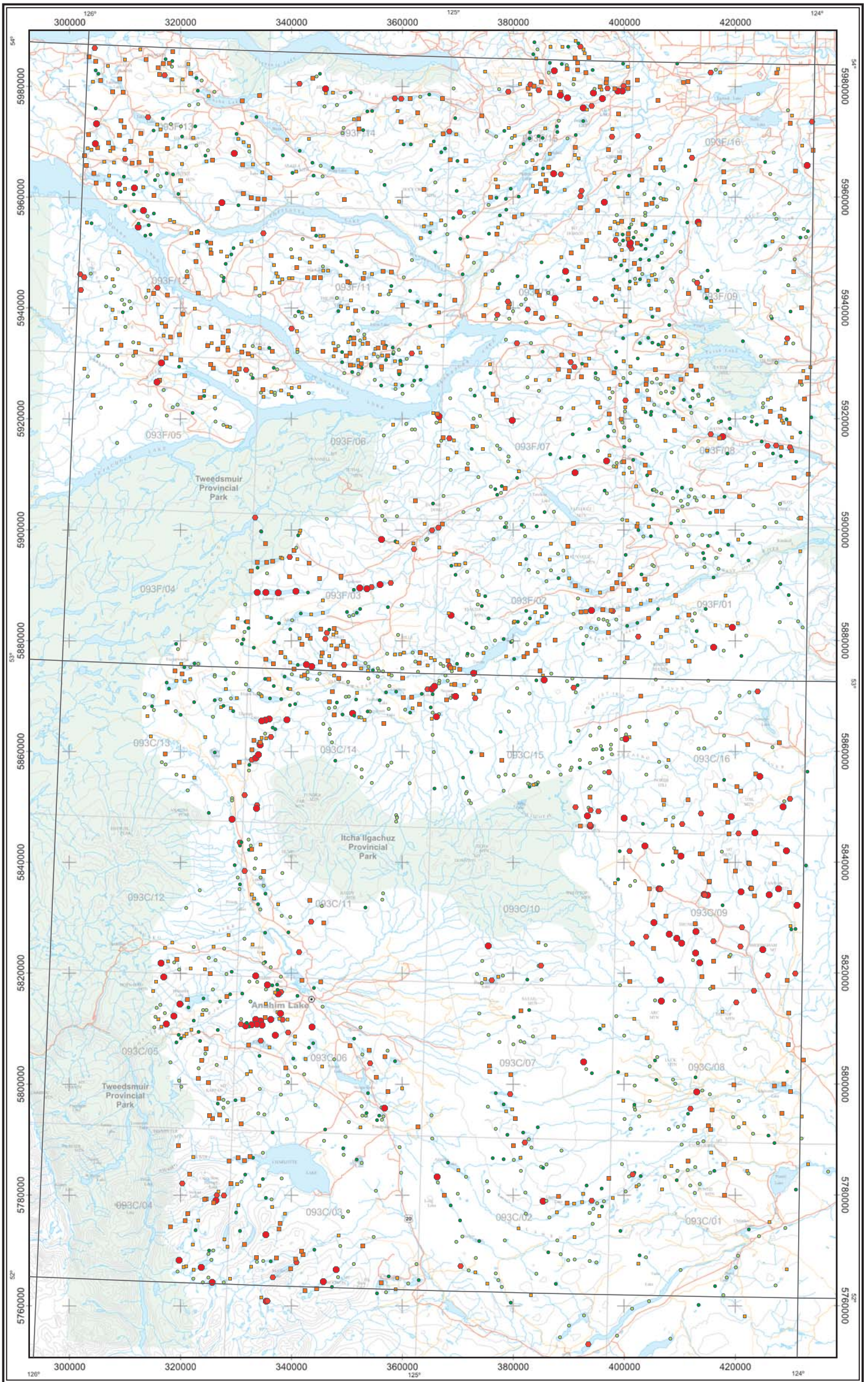
Gold (Au)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Au	Mean -	1.02
Units - ppb	Median -	0.8
DL - 0.2	Mode -	0.1
Method - ICPMS	Range -	34.7
N - 1953	SD -	1.33
N>DL - 1635	CV -	1.297



Concentration	Percentile	Count
23.19	MAX	n = 121
3.54	95TH	n = 119
2.75	90TH	n = 474
1.70	70TH	n = 489
1.27	50TH	n = 485
0.87	30TH	n = 726
0.02	MIN	

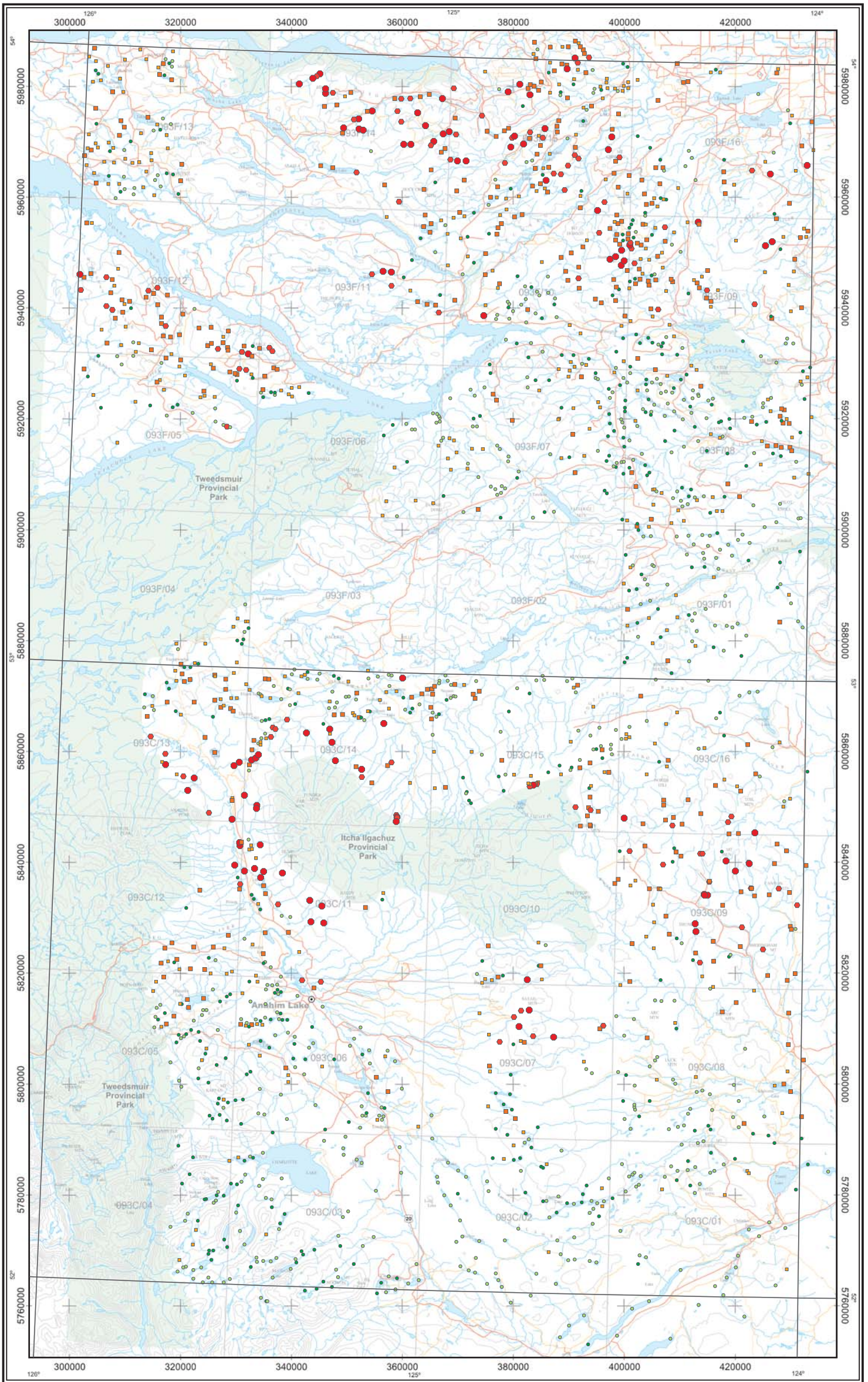
Iron (Fe)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Fe	Mean -	1.53
Units - %	Median -	1.27
DL - 0.01	Mode -	1.4
Method - ICPMS	Range -	23.17
N - 2414	SD -	1.44
N>DL - 2414	CV -	0.944



Concentration	Percentile	Count
106.7	MAX	n = 98
30.0	95TH	n = 95
23.2	90TH	n = 393
12.5	70TH	n = 385
7.9	50TH	n = 391
4.6	30TH	n = 591
<0.5	MIN	

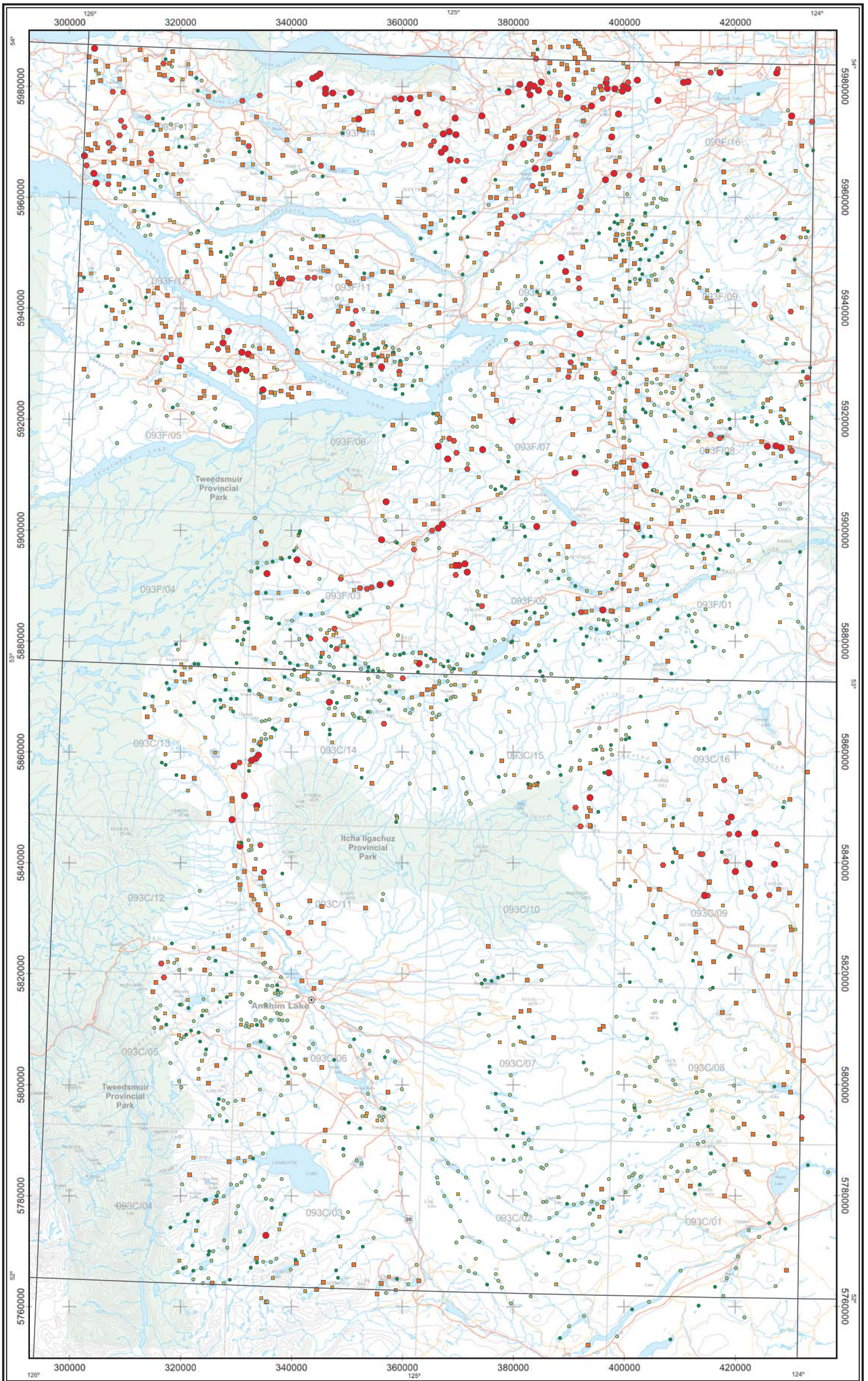
Lanthanum (La)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - La	Mean -	10.68
Units - ppm	Median -	7.9
DL - 0.5	Mode -	0.25
Method - ICPMS	Range -	106.45
N - 1953	SD -	10.21
N>DL - 1904	CV -	0.956



Concentration	Percentile	Count
63.19	MAX	n = 115
7.00	95TH	n = 124
5.33	90TH	n = 484
3.03	70TH	n = 438
2.00	50TH	n = 526
1.32	30TH	n = 727
0.09	MIN	

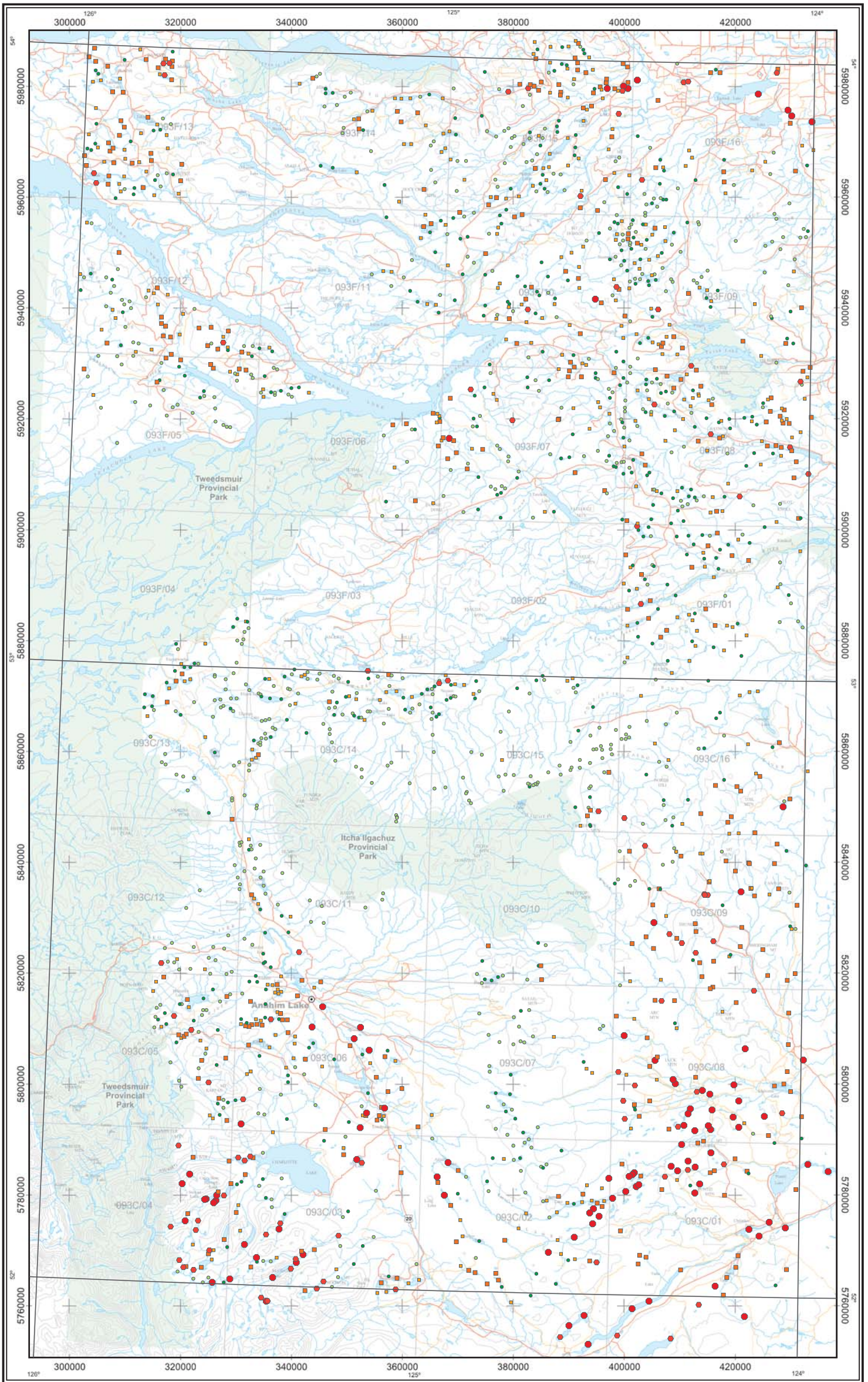
Lead (Pb)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Pb	Mean -	2.79
Units - ppm	Median -	2
DL - 0.01	Mode -	2
Method - ICPMS	Range -	63.1
N - 2414	SD -	3.14
N>DL - 2414	CV -	1.123



Concentration	Percentile	Count
16.05	MAX	n = 98
0.62	95TH	n = 89
0.49	90TH	n = 365
0.31	70TH	n = 384
0.23	50TH	n = 417
0.17	30TH	n = 600
<0.01	MIN	

Magnesium (Mg)

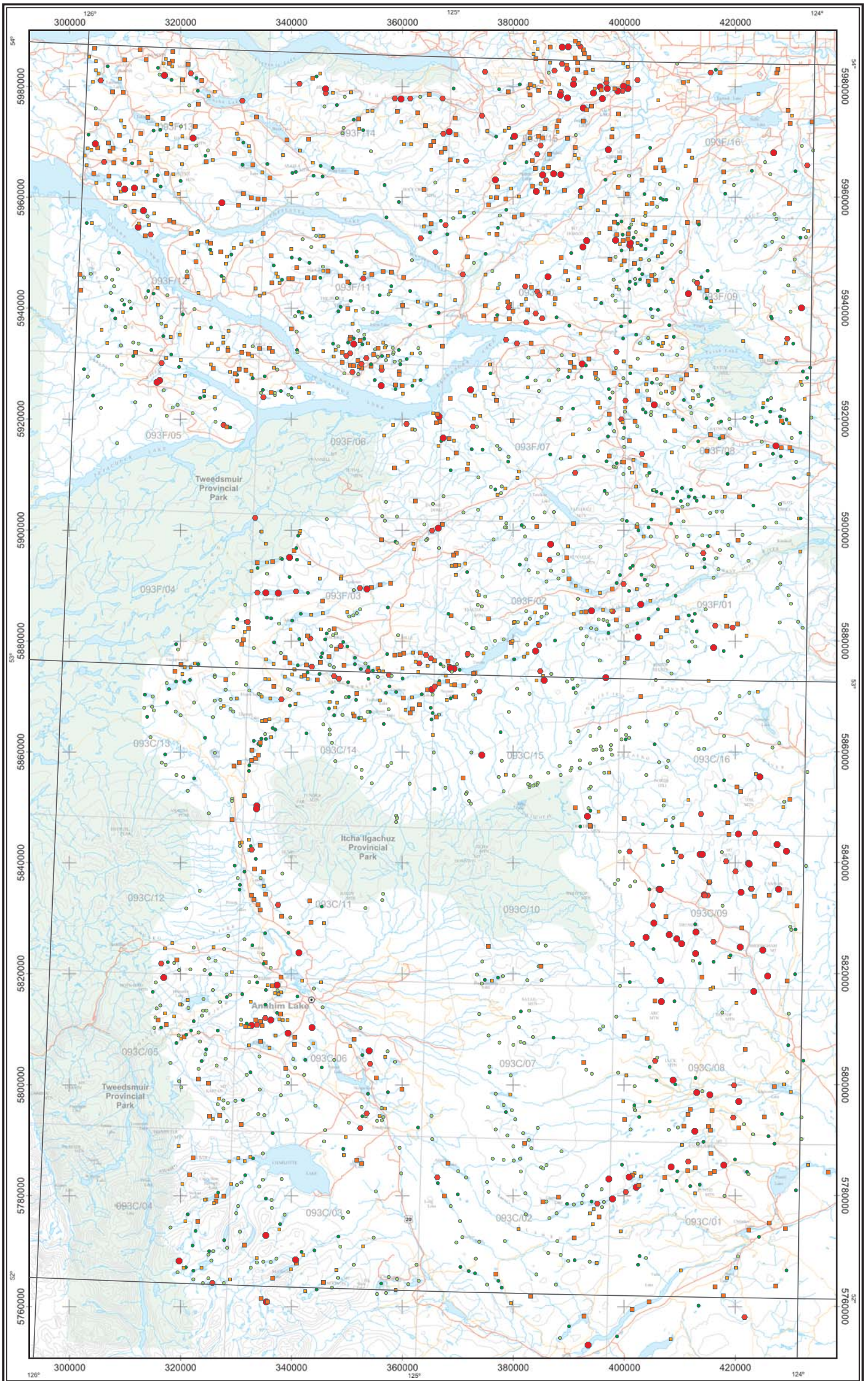
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Mg	Mean - 0.39
Units - %	Median - 0.23
DL - 0.01	Mode - 0.21
Method - ICPMS	Range - 16.03
N - 1953	SD - 1.01
N>DL - 1953	CV - 2.61



Concentration	Percentile	Count
19053	MAX	n = 121
1156	95TH	n = 120
762	90TH	n = 483
381	70TH	n = 483
252	50TH	n = 482
172	30TH	n = 725
9	MIN	

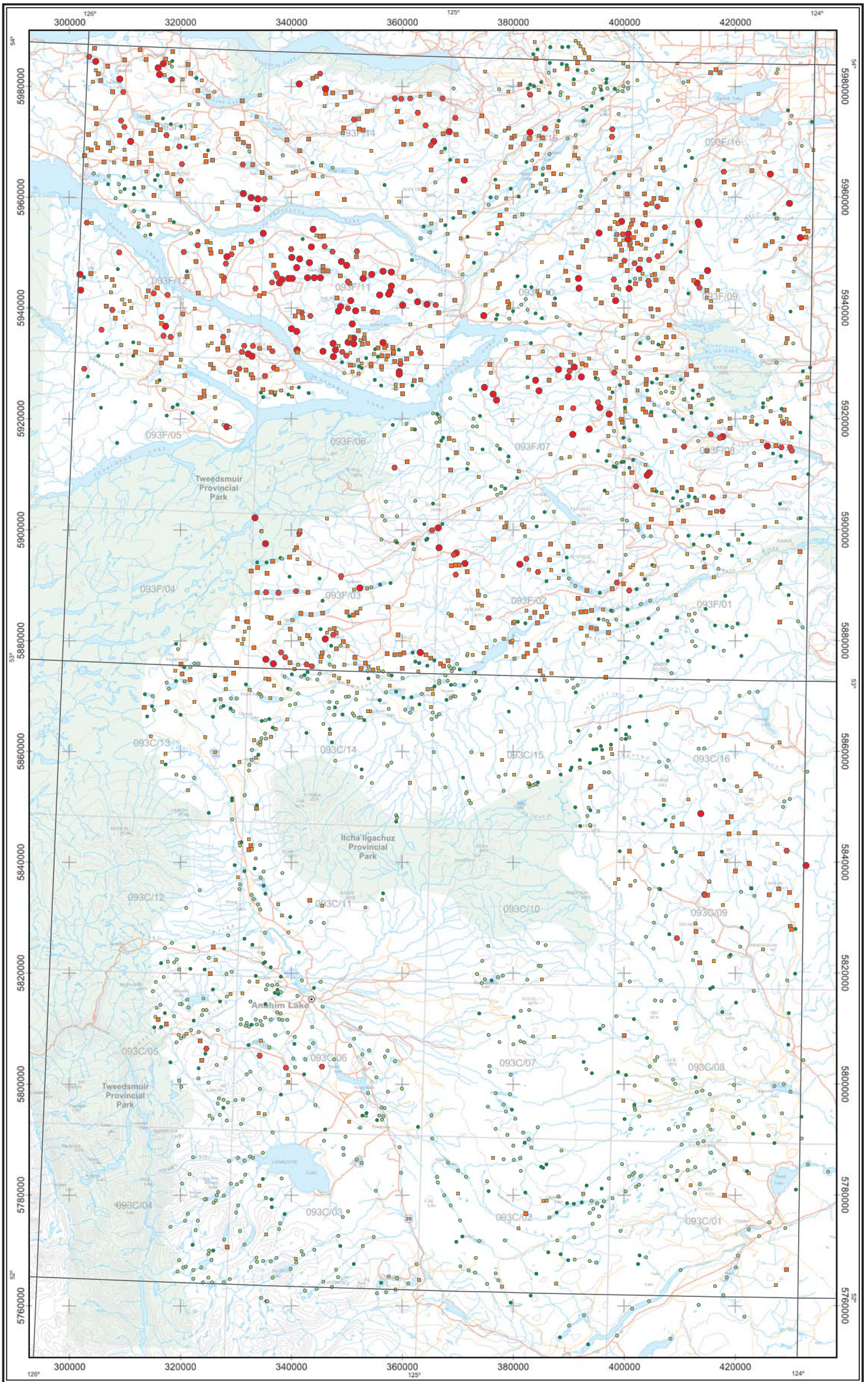
Manganese (Mn)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Mn	Mean -	407.6
Units - ppm	Median -	252
DL - 1	Mode -	180
Method - ICPMS	Range -	19044
N - 2414	SD -	790.44
N>DL - 2414	CV -	1.939



Concentration	Percentile	Count
540	MAX	n = 117
160	95TH	n = 124
132	90TH	n = 482
82	70TH	n = 471
56	50TH	n = 472
38	30TH	n = 748
<5	MIN	

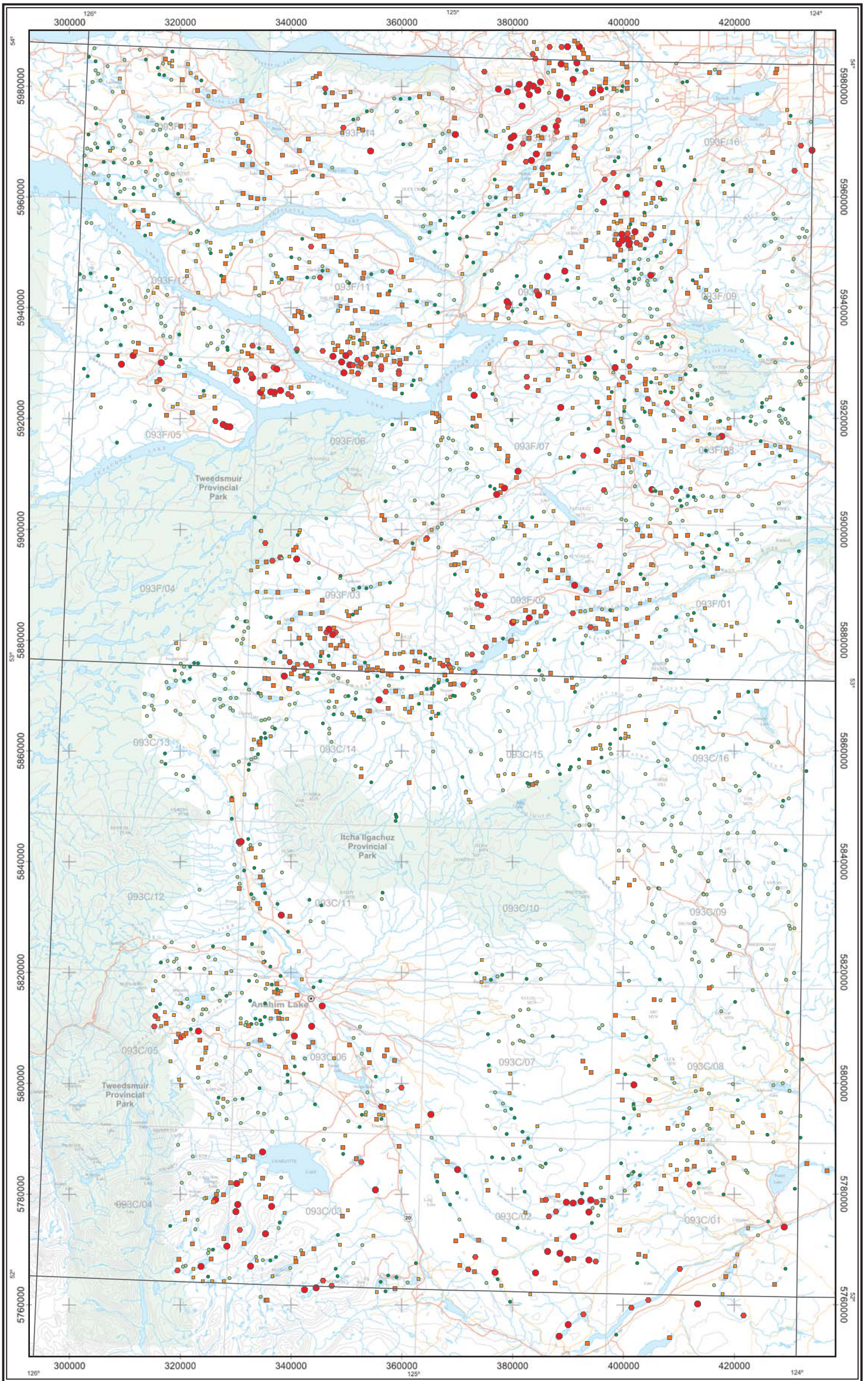
Mercury (Hg)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Hg	Mean -	68.57
Units - ppb	Median -	56
DL - 5	Mode -	50
Method - ICPMS	Range -	537.5
N - 2414	SD -	50.38
N>DL - 2380	CV -	0.735



Concentration	Percentile	Count
529.66	MAX	n = 121
15.26	95TH	n = 120
10.82	90TH	n = 481
5.52	70TH	n = 485
3.57	50TH	n = 483
2.18	30TH	n = 724
0.09	MIN	

Molybdenum (Mo)

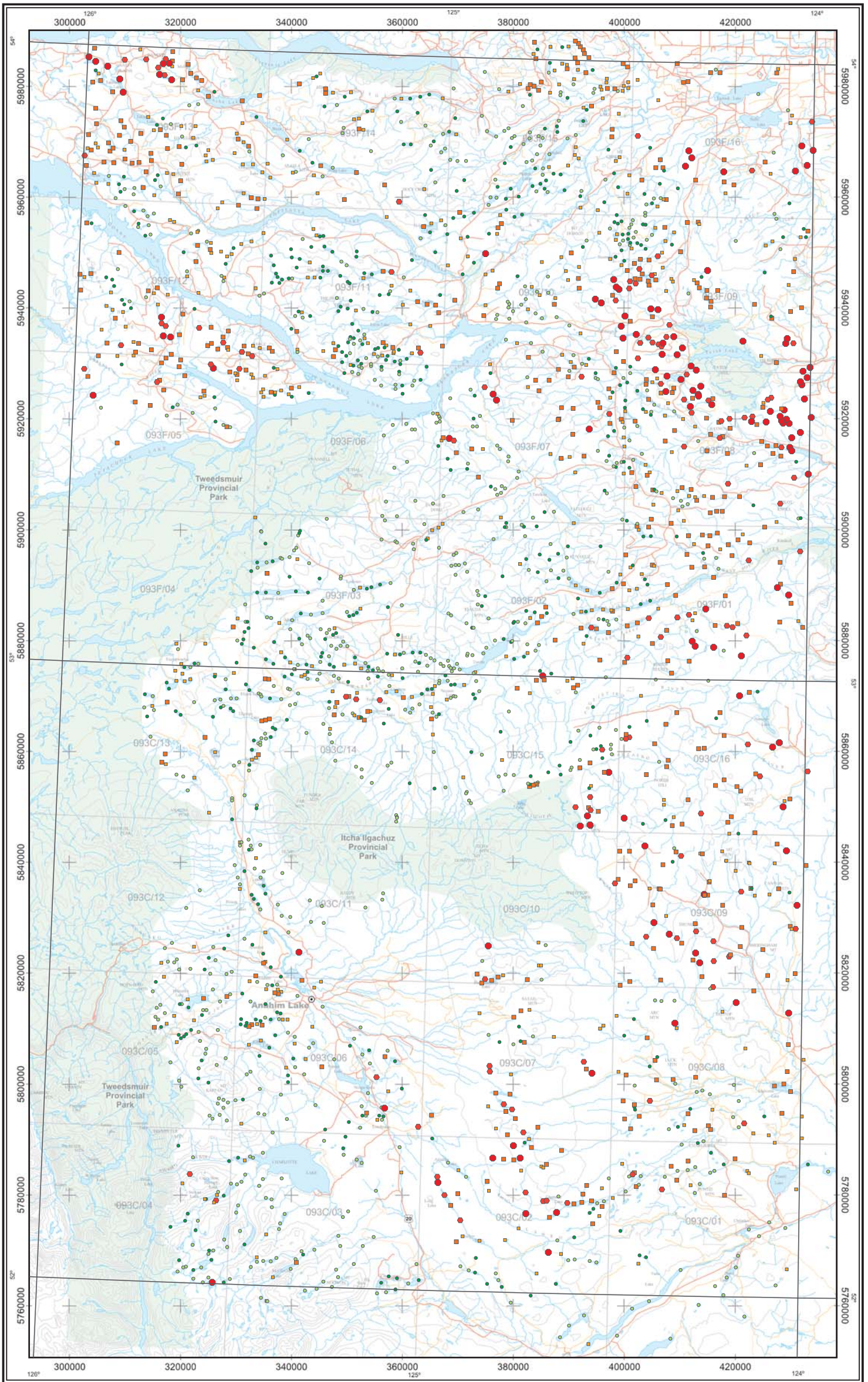
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Mo	Mean - 5.69
Units - ppm	Median - 3.57
DL - 0.01	Mode - 5
Method - ICPMS	Range - 529.57
N - 2414	SD - 13.41
N>DL - 2414	CV - 2.358



Concentration	Percentile	Count
334.7	MAX	n = 120
37.8	95TH	n = 118
30.7	90TH	n = 486
19.4	70TH	n = 450
14.0	50TH	n = 504
10.1	30TH	n = 736
<0.1	MIN	

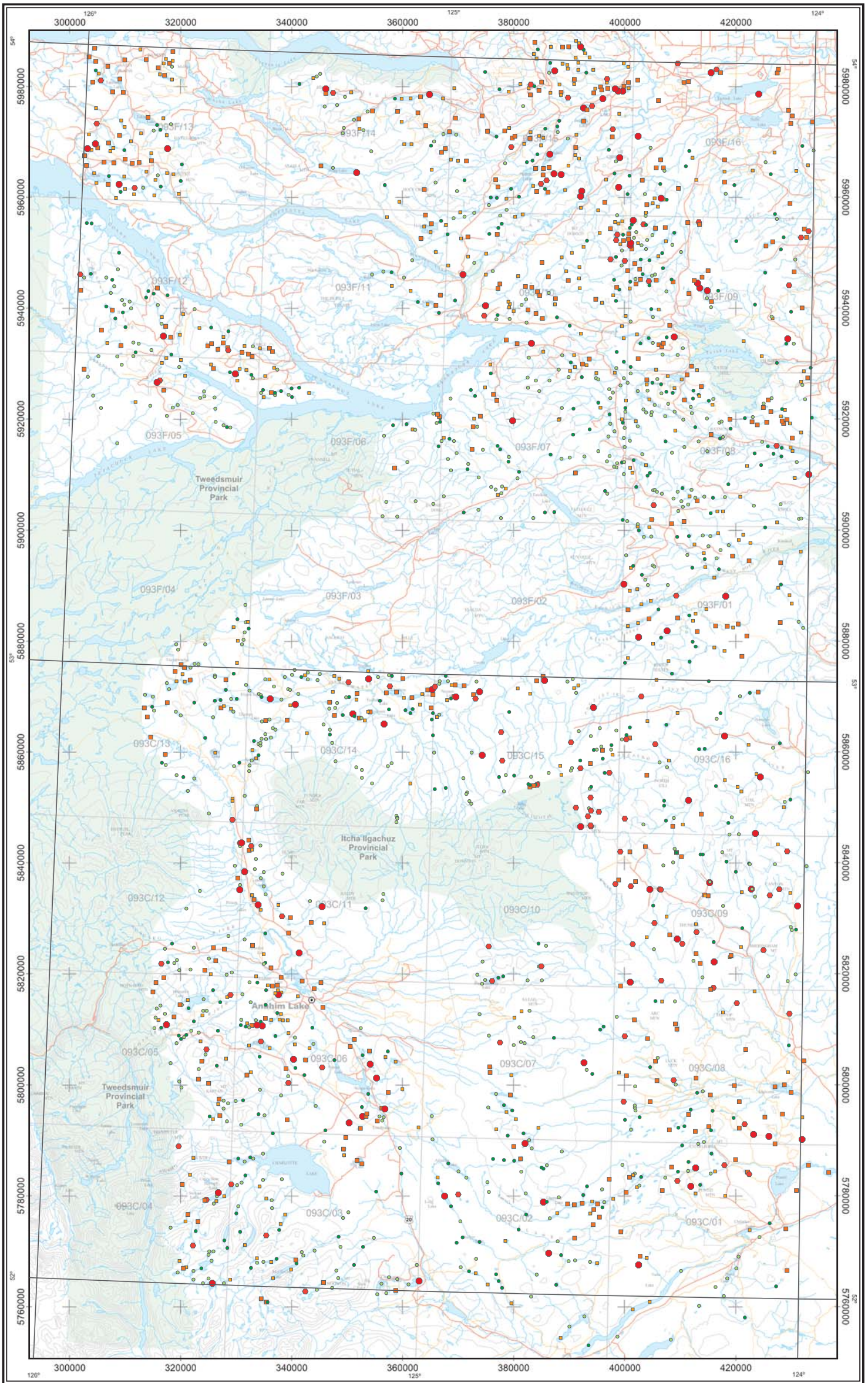
Nickel (Ni)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ni	Mean -	16.91
Units - ppm	Median -	14
DL - 0.1	Mode -	13
Method - ICPMS	Range -	334.65
N - 2414	SD -	13.5
N>DL - 2412	CV -	0.798



Concentration	Percentile	Count
1.017	MAX	n = 51
0.249	95TH	n = 97
0.154	90TH	n = 384
0.101	70TH	n = 443
0.082	50TH	n = 380
0.066	30TH	n = 598
<0.001	MIN	

Phosphorus (P)

Central British Columbia

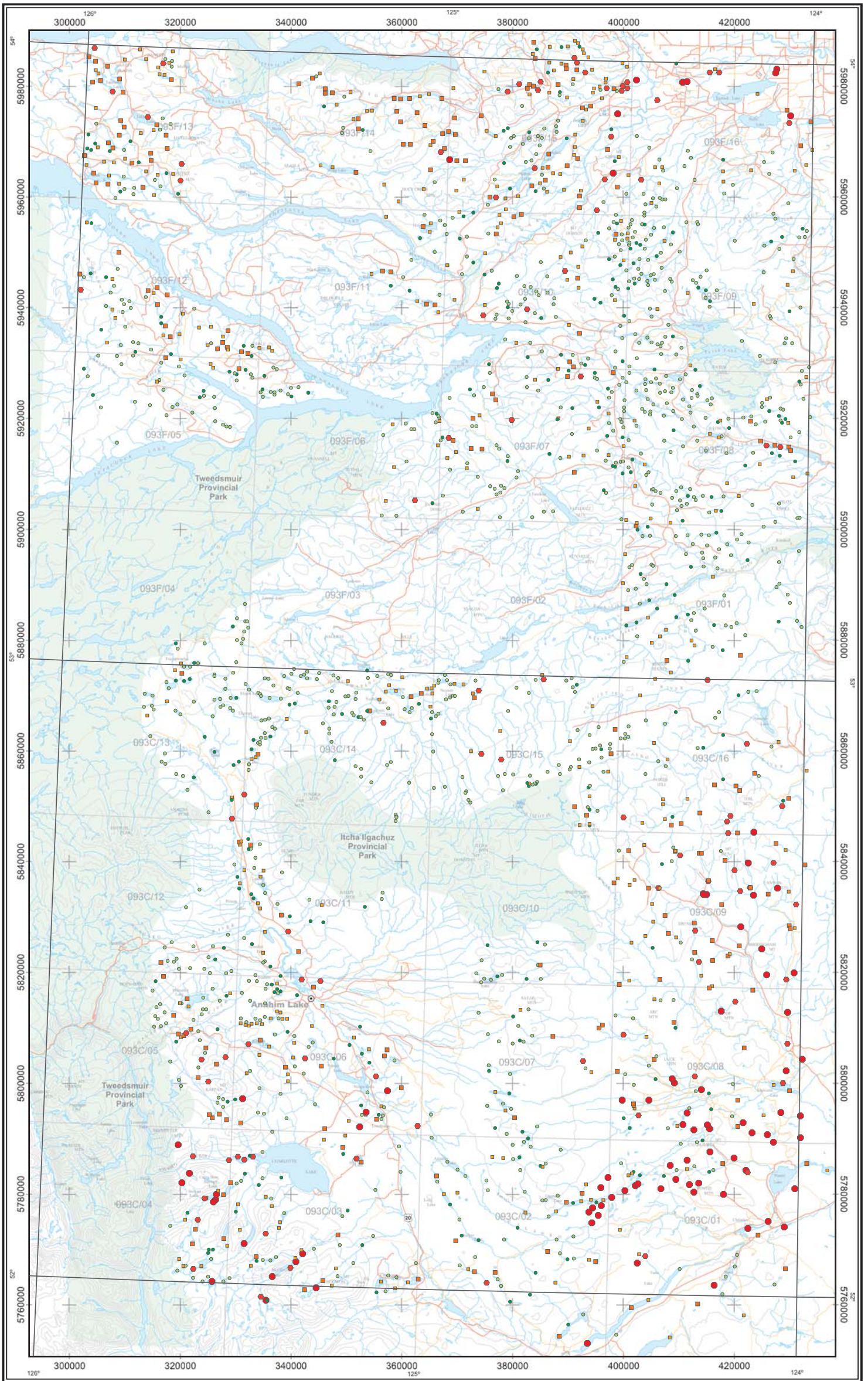
(NTS 93C and 93F)



UTM ZONE 10 / NAD83

Data Summary

Variable - P	Mean - 0.12
Units - %	Median - 0.08
DL - 0.001	Mode - 0.08
Method - ICPMS	Range - 1.012
N - 1953	SD - 0.15
N>DL - 1953	CV - 1.328



Concentration	Percentile	Count
1.52	MAX	n = 87
0.13	95TH	n = 97
0.09	90TH	n = 243
0.06	70TH	n = 365
0.04	50TH	n = 277
0.03	30TH	n = 884
<0.01	MIN	

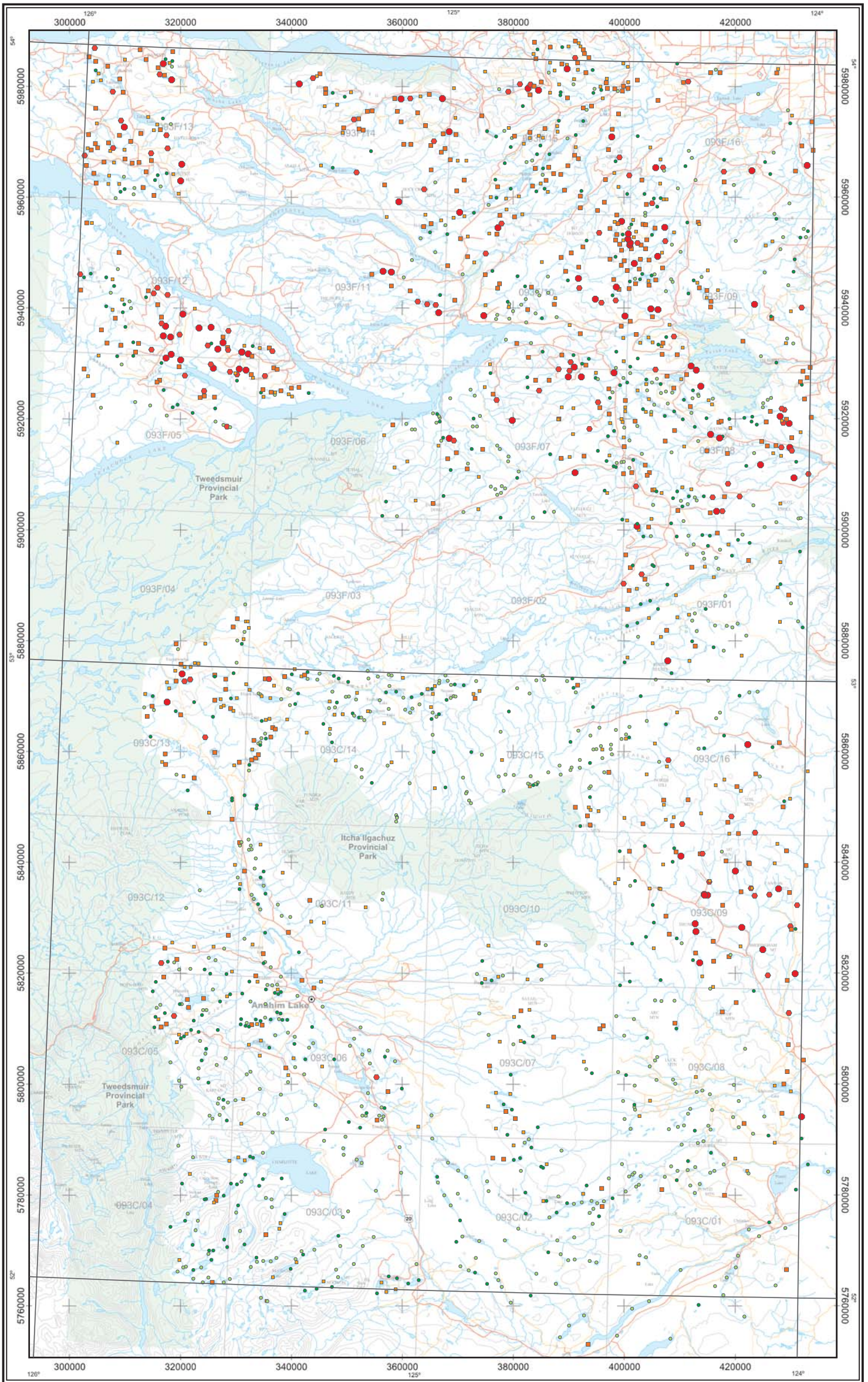
Potassium (K)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - K	Mean - 0.06
Units - %	Median - 0.04
DL - 0.01	Mode - 0.02
Method - ICPMS	Range - 1.515
N - 1953	SD - 0.09
N>DL - 1780	CV - 1.591



Concentration	Percentile	Count
14.3	MAX	n = 91
6.8	95TH	n = 98
5.7	90TH	n = 396
3.6	70TH	n = 350
2.5	50TH	n = 418
1.5	30TH	n = 600
0.1	MIN	

Scandium (Sc)

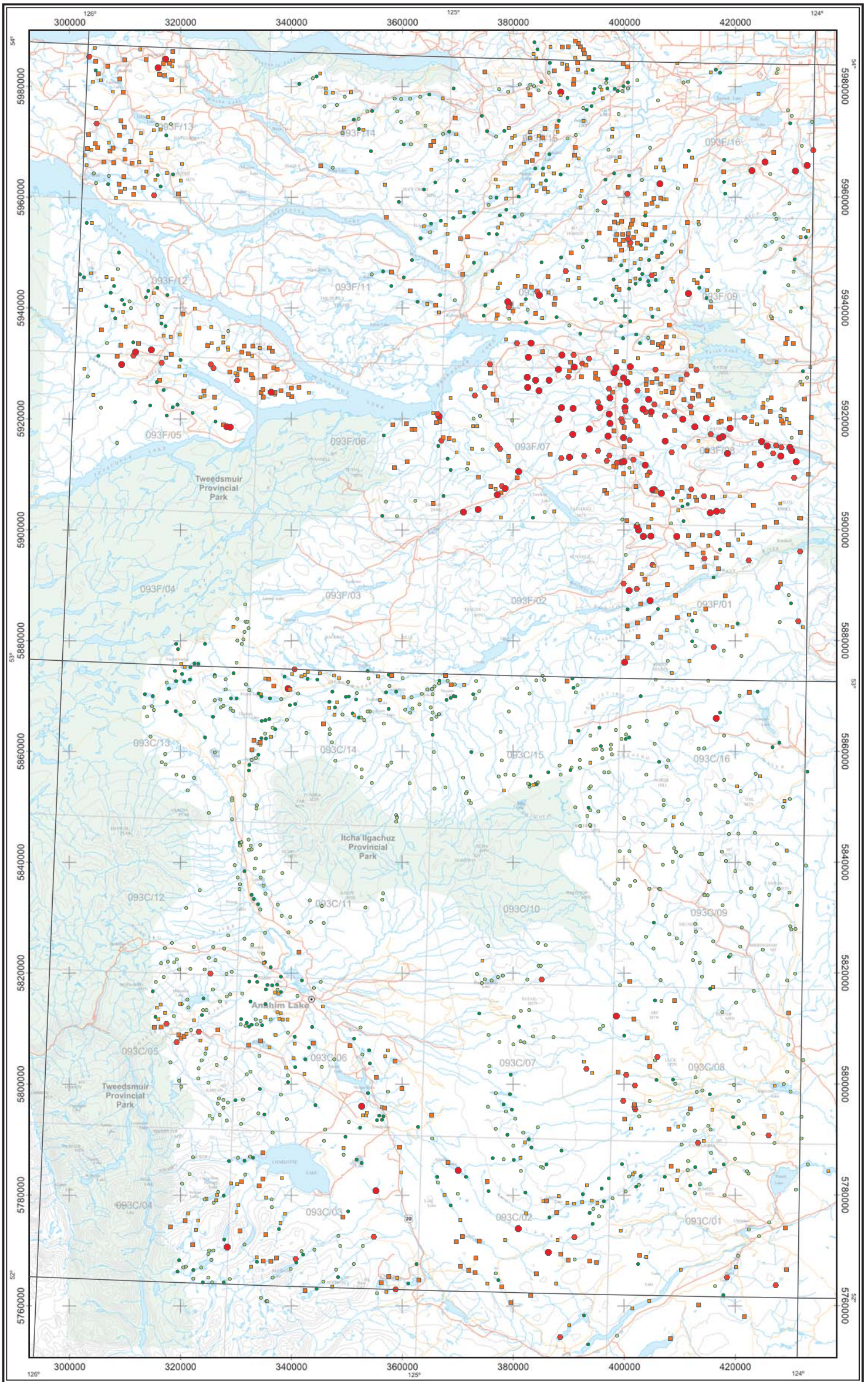
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Sc	Mean -	2.89
Units - ppm	Median -	2.5
DL - 0.1	Mode -	0.6
Method - ICPMS	Range -	14.2
N - 1953	SD -	2.06
N>DL - 1948	CV -	0.713



Concentration	Percentile	Count
22.7	MAX	n = 96
3.9	95TH	n = 98
2.4	90TH	n = 386
1.3	70TH	n = 366
0.9	50TH	n = 372
0.6	30TH	n = 635
<0.1	MIN	

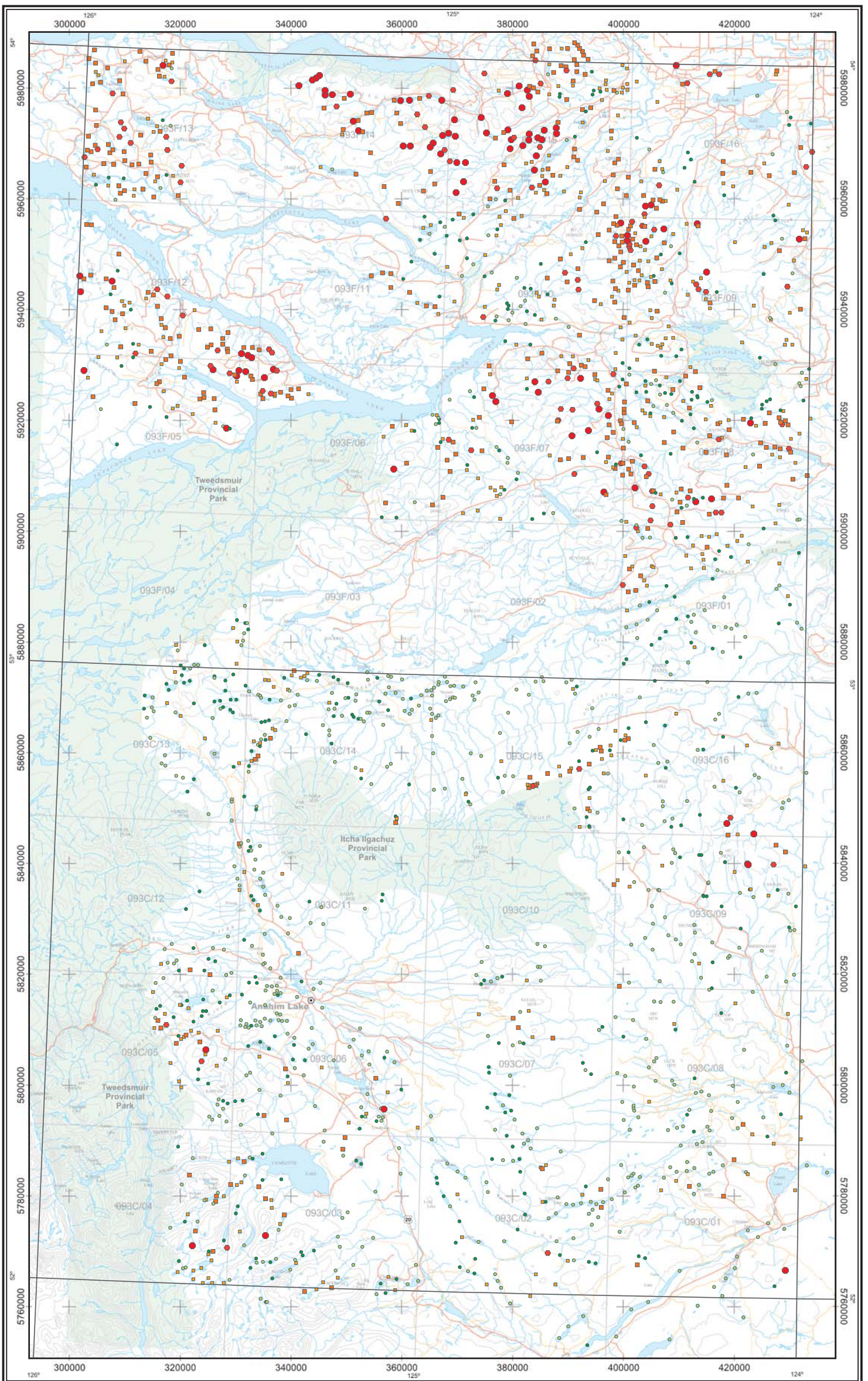
Selenium (Se)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Se	Mean -	1.36
Units - ppm	Median -	0.9
DL - 0.1	Mode -	0.6
Method - ICPMS	Range -	22.65
N - 1953	SD -	1.8
N>DL - 1899	CV -	1.325



Concentration	Percentile	Count
1703	MAX	n = 97
305	95TH	n = 97
230	90TH	n = 388
131	70TH	n = 389
86	50TH	n = 379
58	30TH	n = 603
<2	MIN	

Silver (Ag)

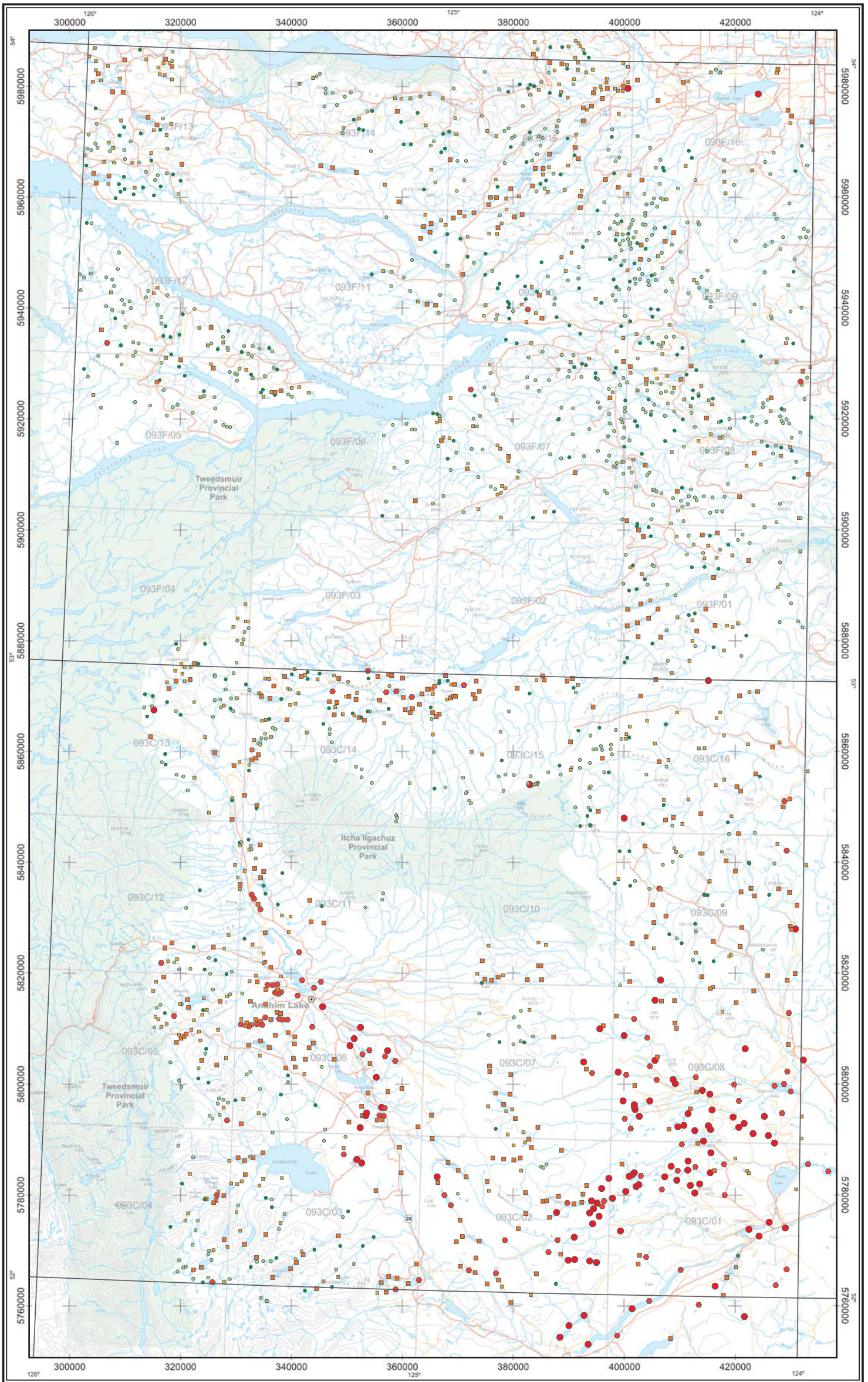
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Ag	Mean -	118.4
Units - ppb	Median -	86
DL - 2	Mode -	56
Method - ICPMS	Range -	1702
N - 1953	SD -	117.8
N>DL - 1952	CV -	0.995



Concentration	Percentile	Count
7.657	MAX	n = 97
0.080	95TH	n = 94
0.048	90TH	n = 386
0.023	70TH	n = 386
0.017	50TH	n = 310
0.014	30TH	n = 680
0.006	MIN	

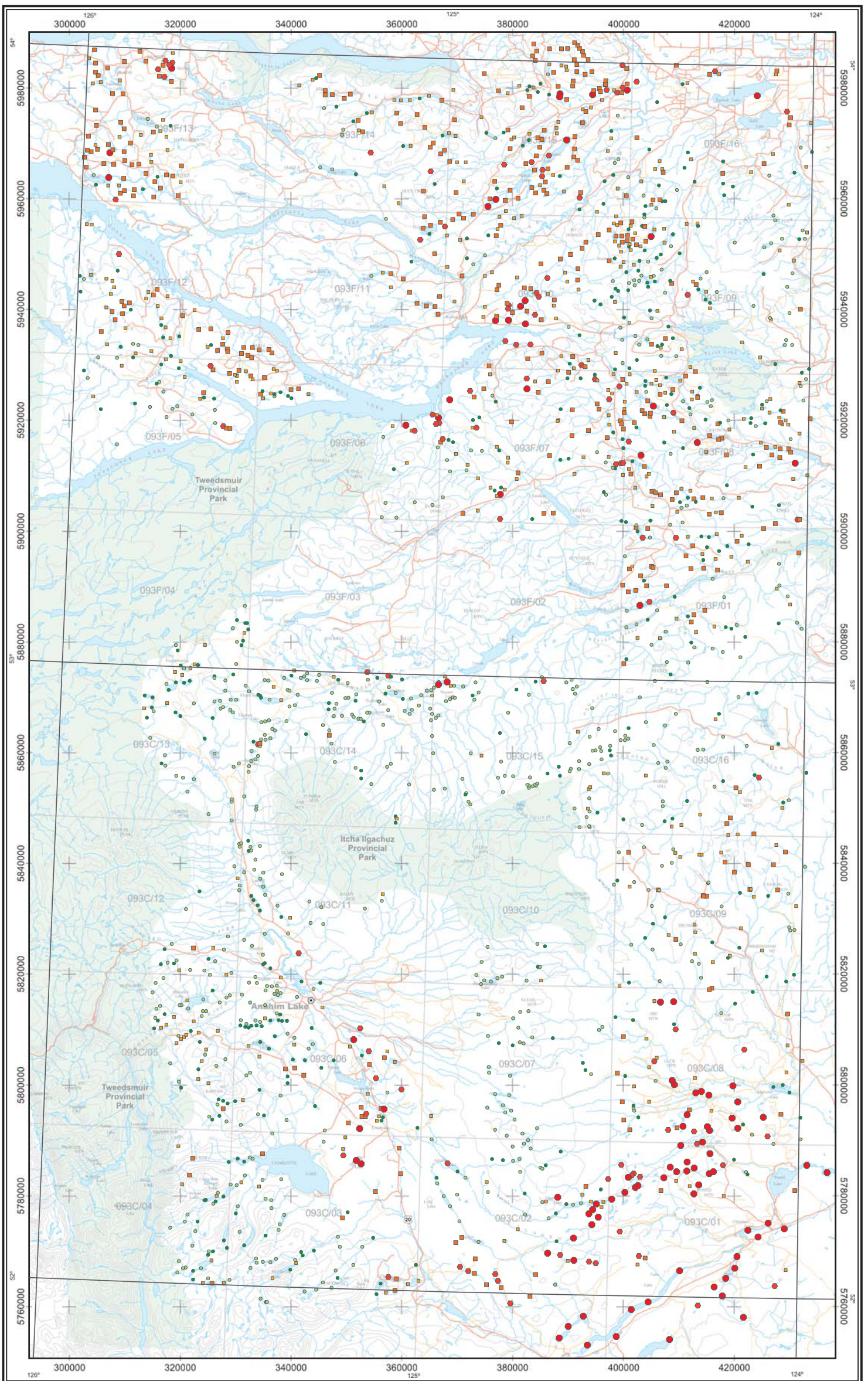
Sodium (Na)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Na	Mean - 0.05
Units - %	Median - 0.02
DL - 0.001	Mode - 0.01
Method - ICPMS	Range - 7.651
N - 1953	SD - 0.26
N>DL - 1953	CV - 5.8



Concentration	Percentile	Count
1217.9	MAX	n = 98
330.4	95TH	n = 97
134.4	90TH	n = 390
70.2	70TH	n = 391
52.1	50TH	n = 388
40.8	30TH	n = 589
11.5	MIN	

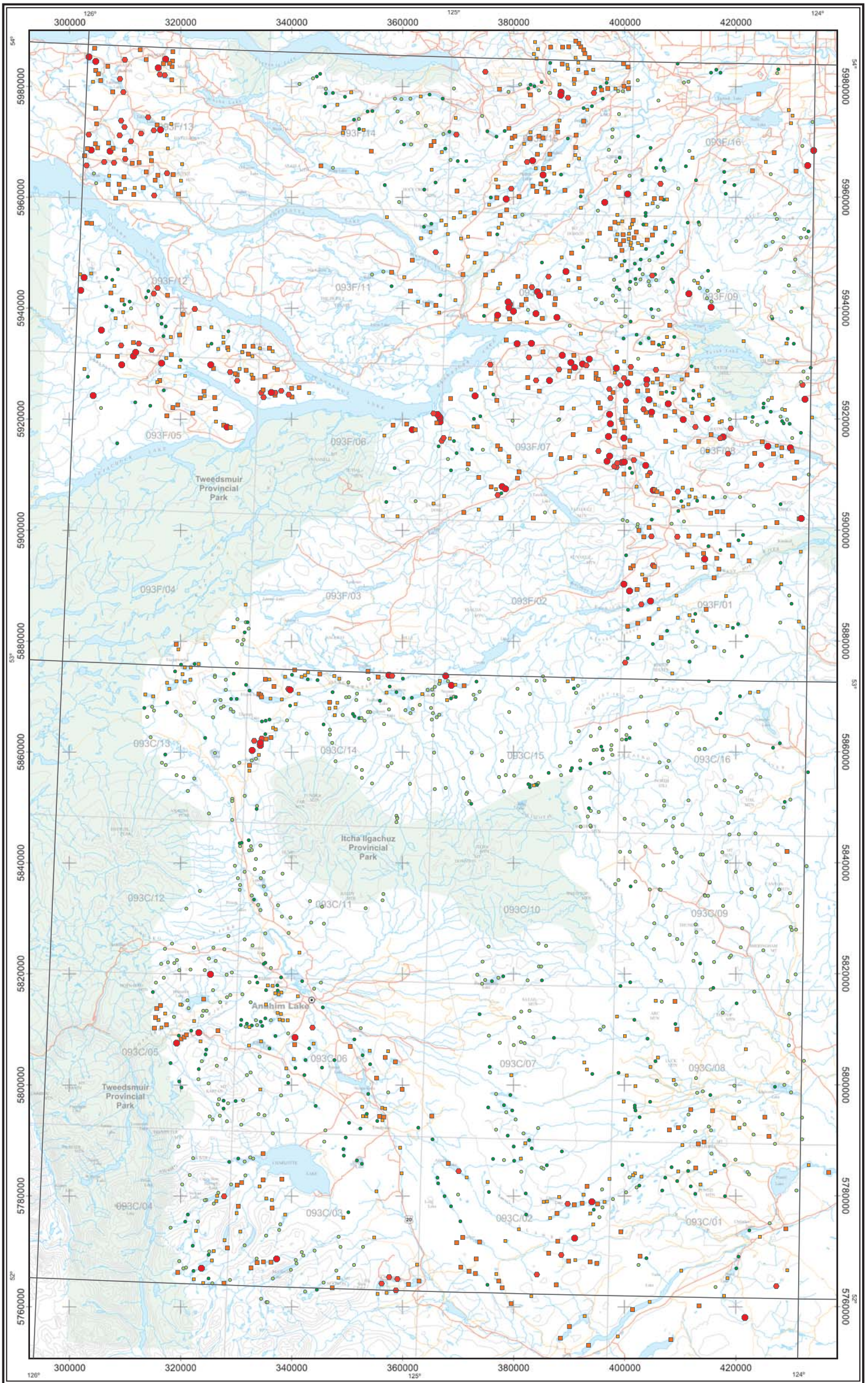
Strontium (Sr)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Sr	Mean -	89.09
Units - ppm	Median -	52.1
DL - 0.5	Mode -	56.4
Method - ICPMS	Range -	1206.4
N - 1953	SD -	135.37
N>DL - 1953	CV -	1.519



Concentration	Percentile	Count
8.26	MAX	n = 98
1.98	95TH	n = 94
1.50	90TH	n = 390
0.66	70TH	n = 382
0.37	50TH	n = 373
0.23	30TH	n = 616
<0.01	MIN	

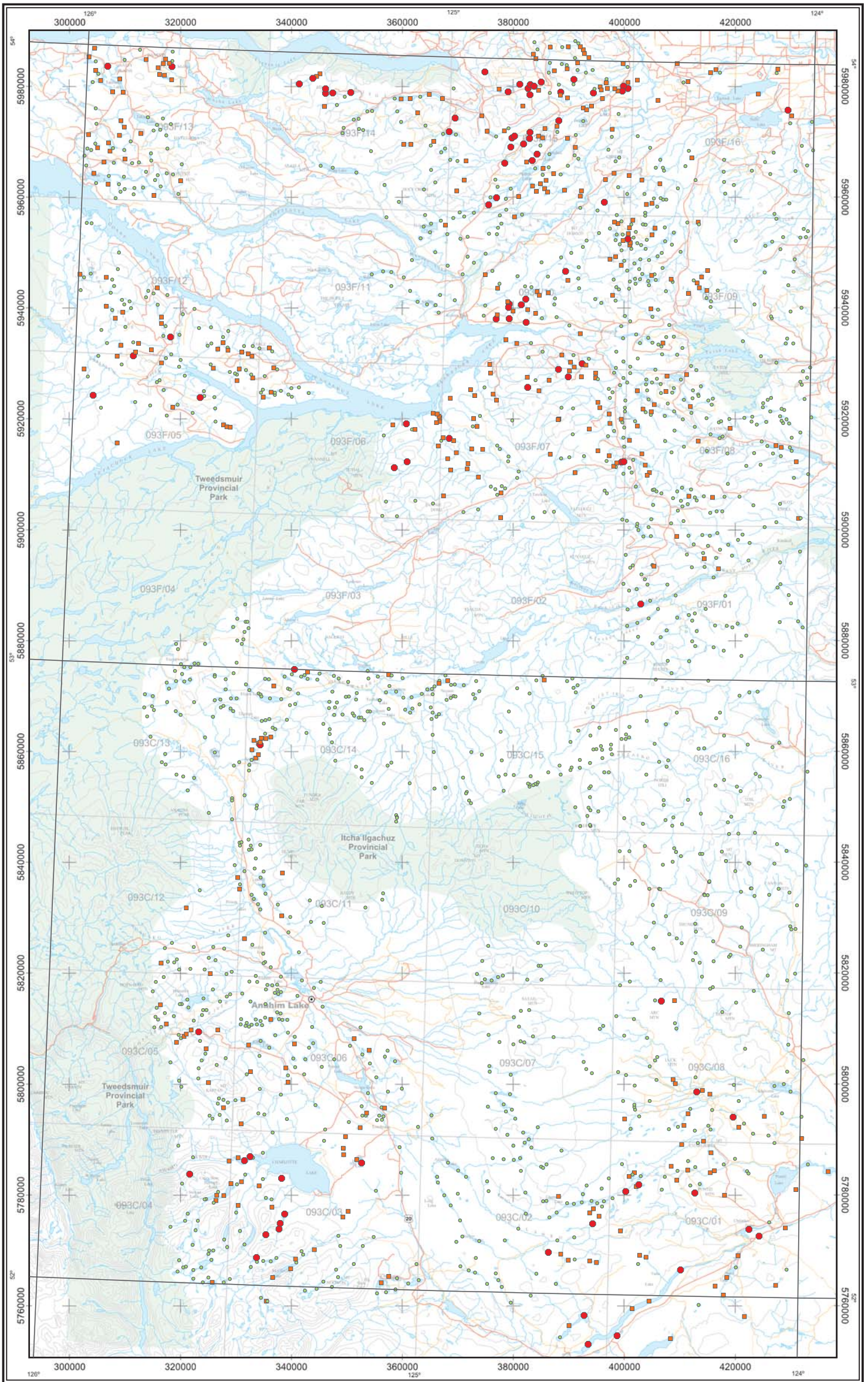
Sulphur (S)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - S	Mean - 0.62
Units - %	Median - 0.37
DL - 0.01	Mode - 0.23
Method - ICPMS	Range - 8.255
N - 1953	SD - 0.68
N>DL - 1938	CV - 1.096



Concentration	Percentile	Count
0.12	MAX	n = 89
0.03	95TH	n = 0
0.03	90TH	n = 386
<0.02	70TH	n = 0
<0.02	50TH	n = 0
<0.02	30TH	n = 0
<0.02	MIN	n = 1478

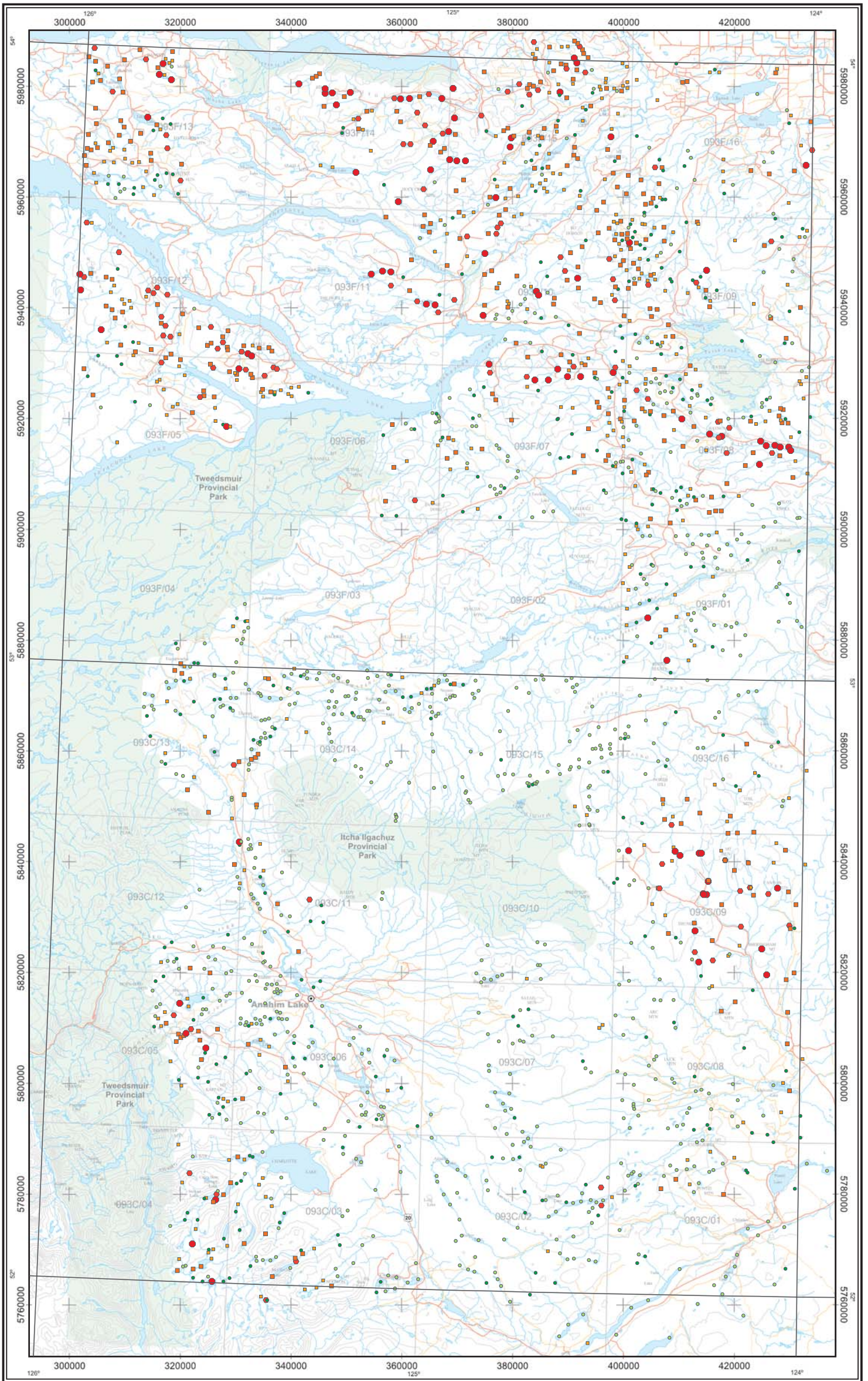
Tellurium (Te)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Te	Mean - 0.01
Units - ppm	Median - 0.01
DL - 0.02	Mode - 0.01
Method - ICPMS	Range - 0.11
N - 1953	SD - 0.01
N>DL - 212	CV - 0.759



Concentration	Percentile	Count
0.97	MAX	n = 90
0.20	95TH	n = 97
0.15	90TH	n = 345
0.09	70TH	n = 340
0.06	50TH	n = 327
0.04	30TH	n = 754
<0.02	MIN	

Thallium (TI)

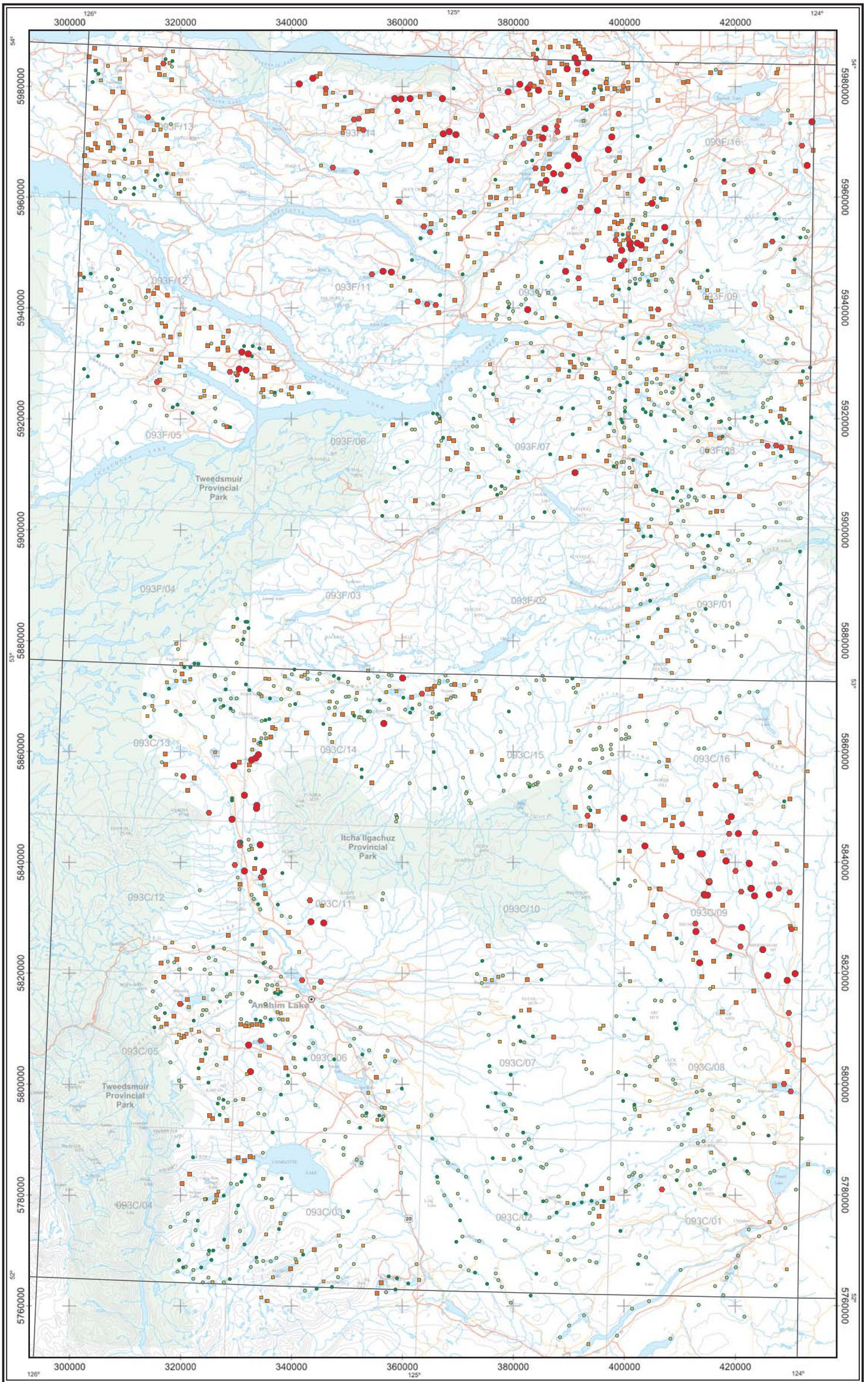
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - TI	Mean - 0.08
Units - ppm	Median - 0.06
DL - 0.02	Mode - 0.04
Method - ICPMS	Range - 0.96
N - 1953	SD - 0.07
N>DL - 1597	CV - 0.946



Concentration	Percentile	Count
9.4	MAX	n = 95
2.8	95TH	n = 89
2.1	90TH	n = 358
1.0	70TH	n = 381
0.5	50TH	n = 374
0.2	30TH	n = 656
<0.1	MIN	

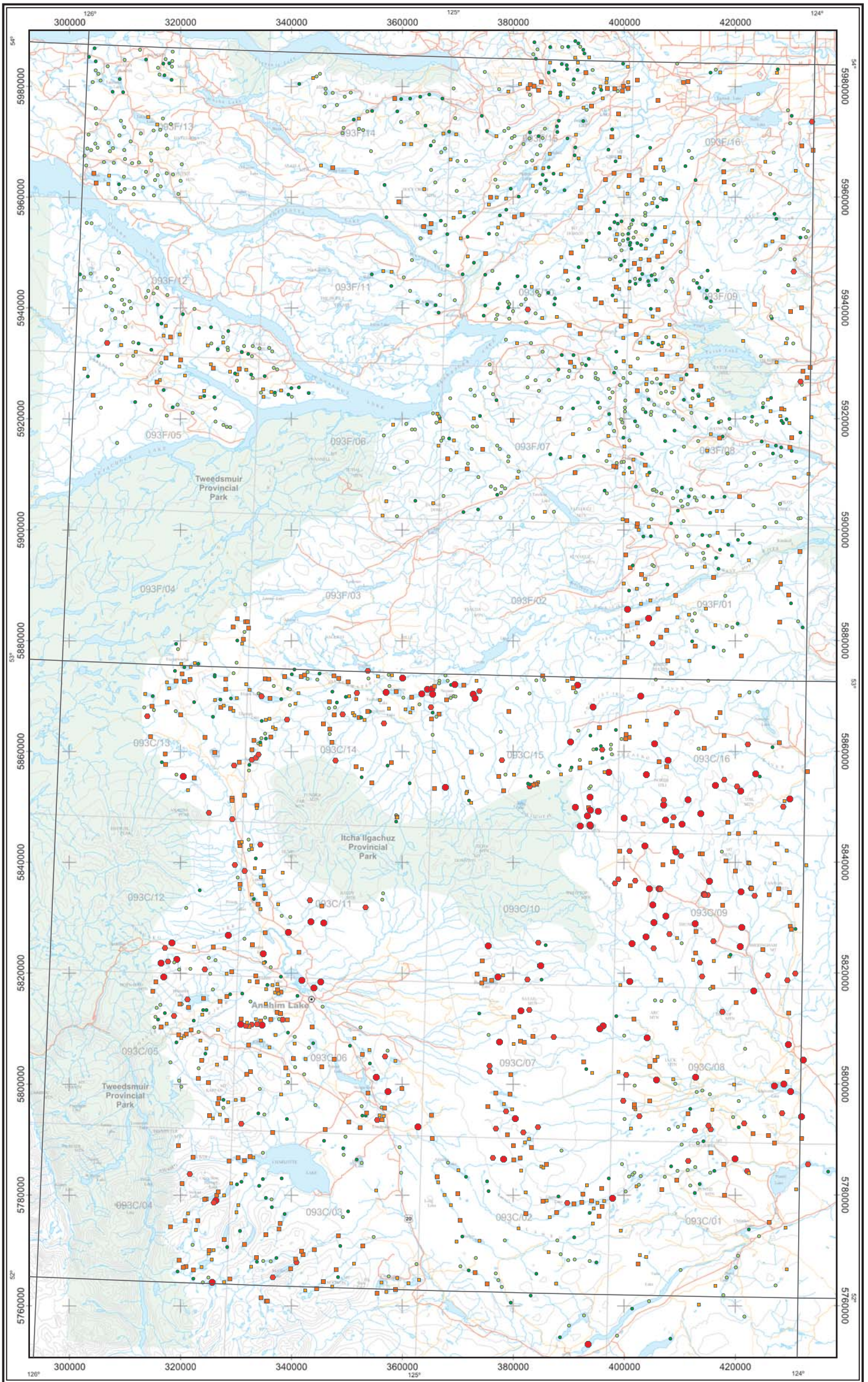
Thorium (Th)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Th	Mean -	0.85
Units - ppm	Median -	0.5
DL - 0.1	Mode -	0.1
Method - ICPMS	Range -	9.35
N - 1953	SD -	1
N>DL - 1508	CV -	1.182



Concentration	Percentile	Count
0.990	MAX	n = 88
0.165	95TH	n = 97
0.112	90TH	n = 400
0.050	70TH	n = 377
0.028	50TH	n = 387
0.016	30TH	n = 604
0.001	MIN	

Titanium (Ti)

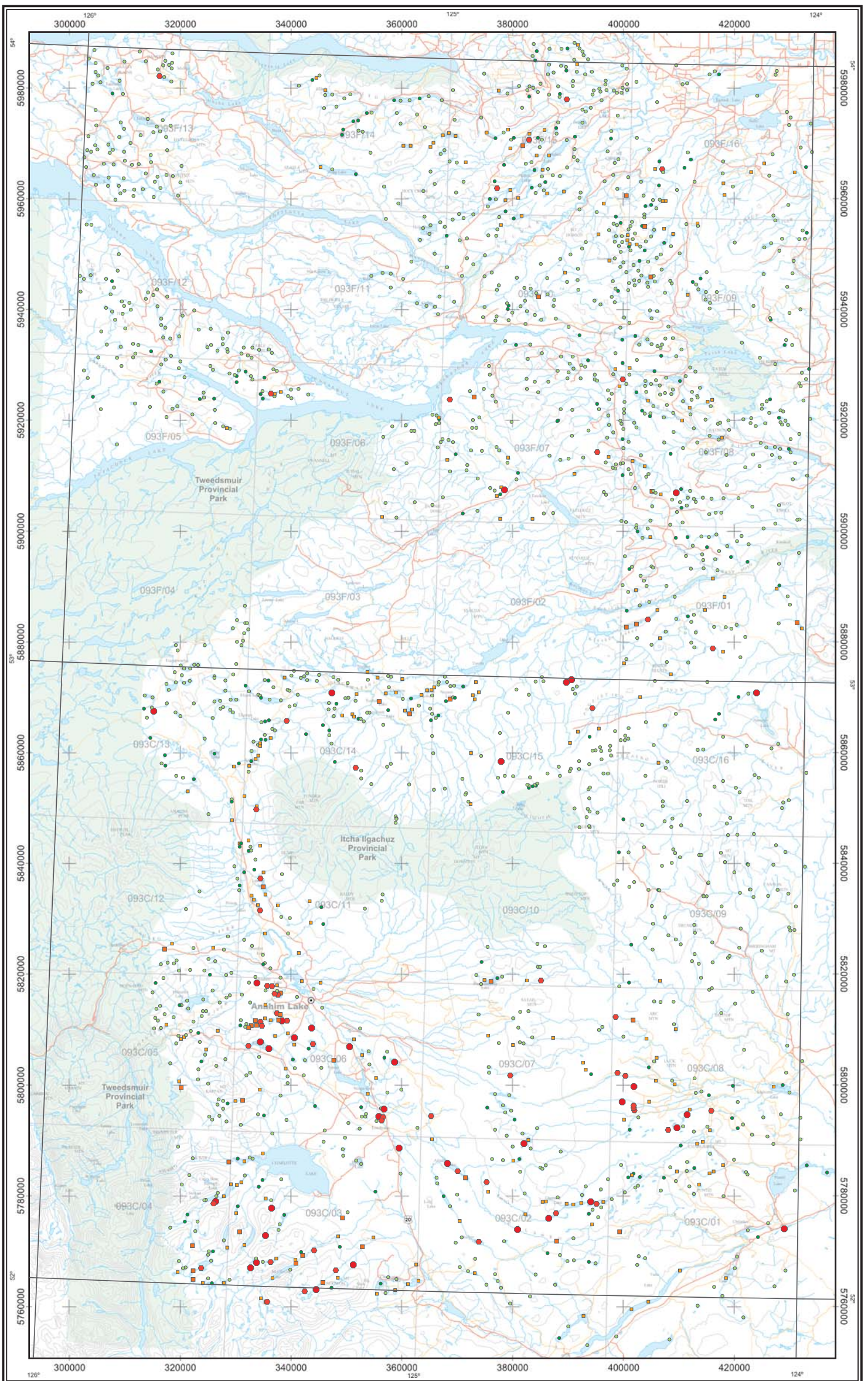
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Ti	Mean - 0.05
Units - %	Median - 0.03
DL - 0.001	Mode - 0.01
Method - ICPMS	Range - 0.989
N - 1953	SD - 0.08
N>DL - 1949	CV - 1.58



Concentration	Percentile	Count
19.8	MAX	n = 36
0.6	98TH	n = 52
0.4	95TH	n = 41
0.3	90TH	n = 231
0.1	80TH	n = 211
<0.1	50TH	n = 1382
<0.1	MIN	

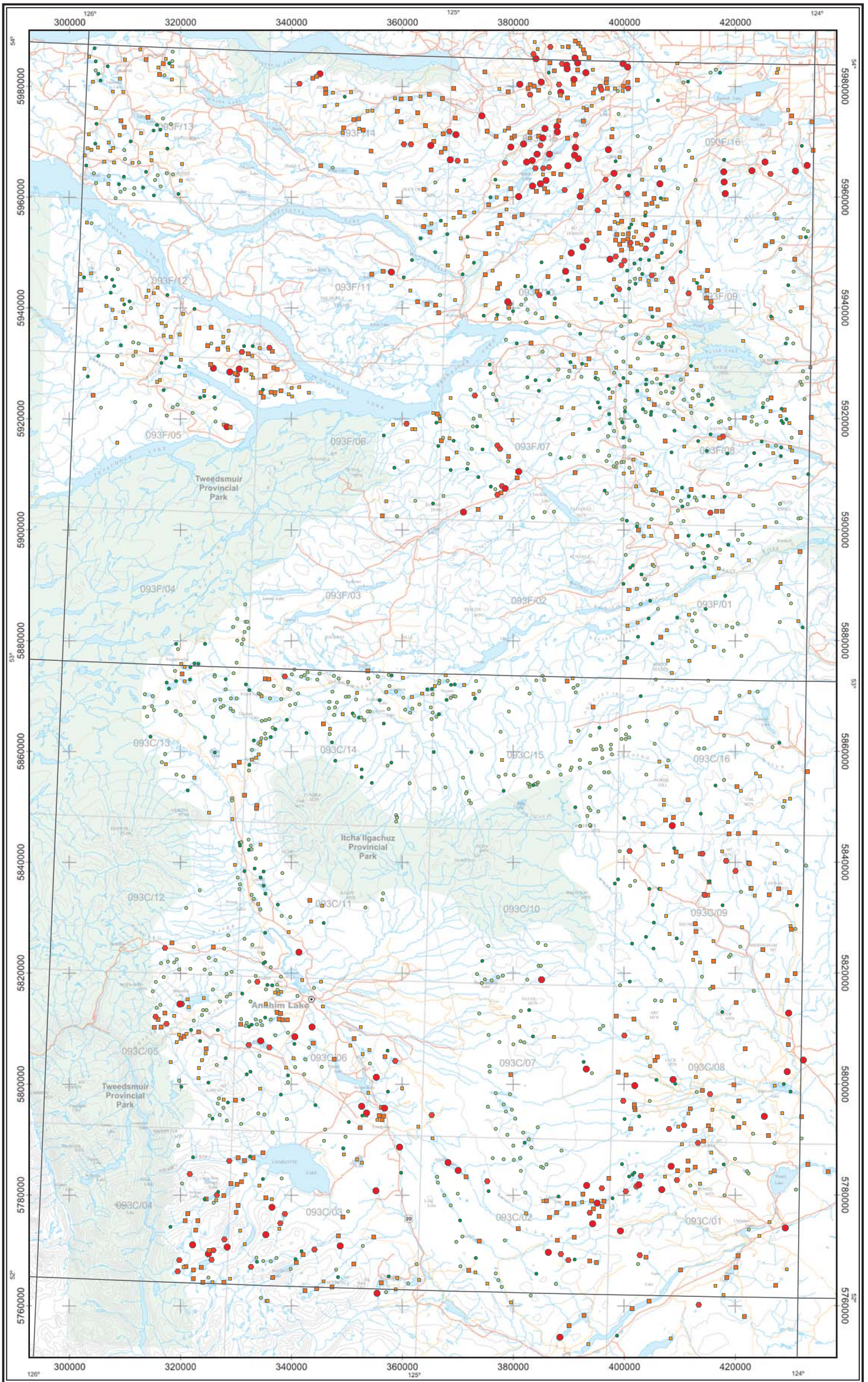
Tungsten (W)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - W	Mean -	0.13
Units - ppm	Median -	0.05
DL - 0.1	Mode -	0.05
Method - ICPMS	Range -	19.75
N - 1953	SD -	0.49
N>DL - 360	CV -	3.817



Concentration	Percentile	Count
356.2	MAX	n = 98
10.8	95TH	n = 95
6.7	90TH	n = 378
3.0	70TH	n = 399
1.6	50TH	n = 348
0.9	30TH	n = 635
<0.1	MIN	

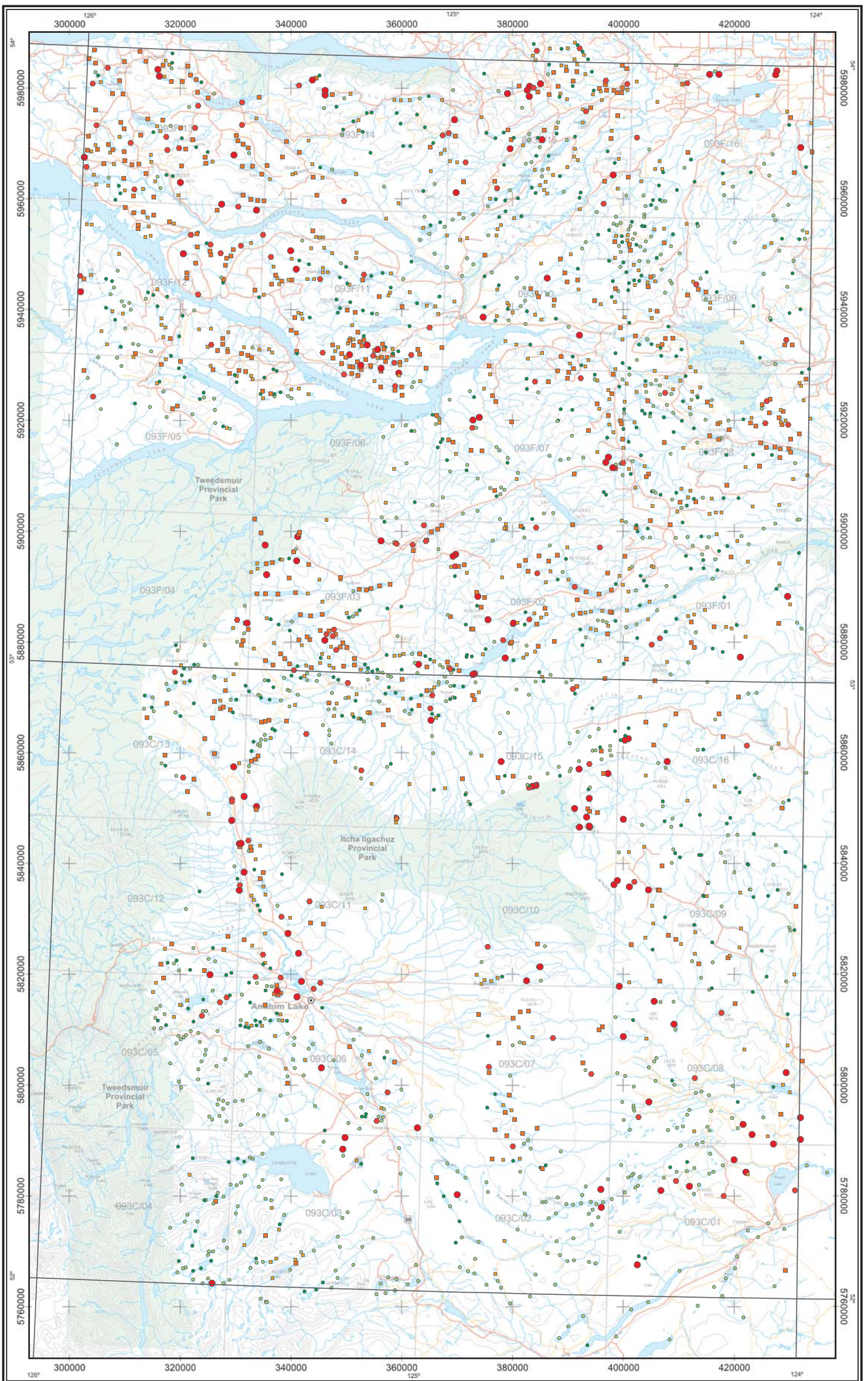
Uranium (U)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - U	Mean -	3.46
Units - ppm	Median -	1.6
DL - 0.1	Mode -	0.4
Method - ICPMS	Range -	356.15
N - 1953	SD -	10.35
N>DL - 1911	CV -	2.992



Concentration	Percentile	Count
1036.0	MAX	n = 121
147.2	95TH	n = 120
117.5	90TH	n = 479
80.0	70TH	n = 486
61.7	50TH	n = 481
45.6	30TH	n = 727
1.3	MIN	

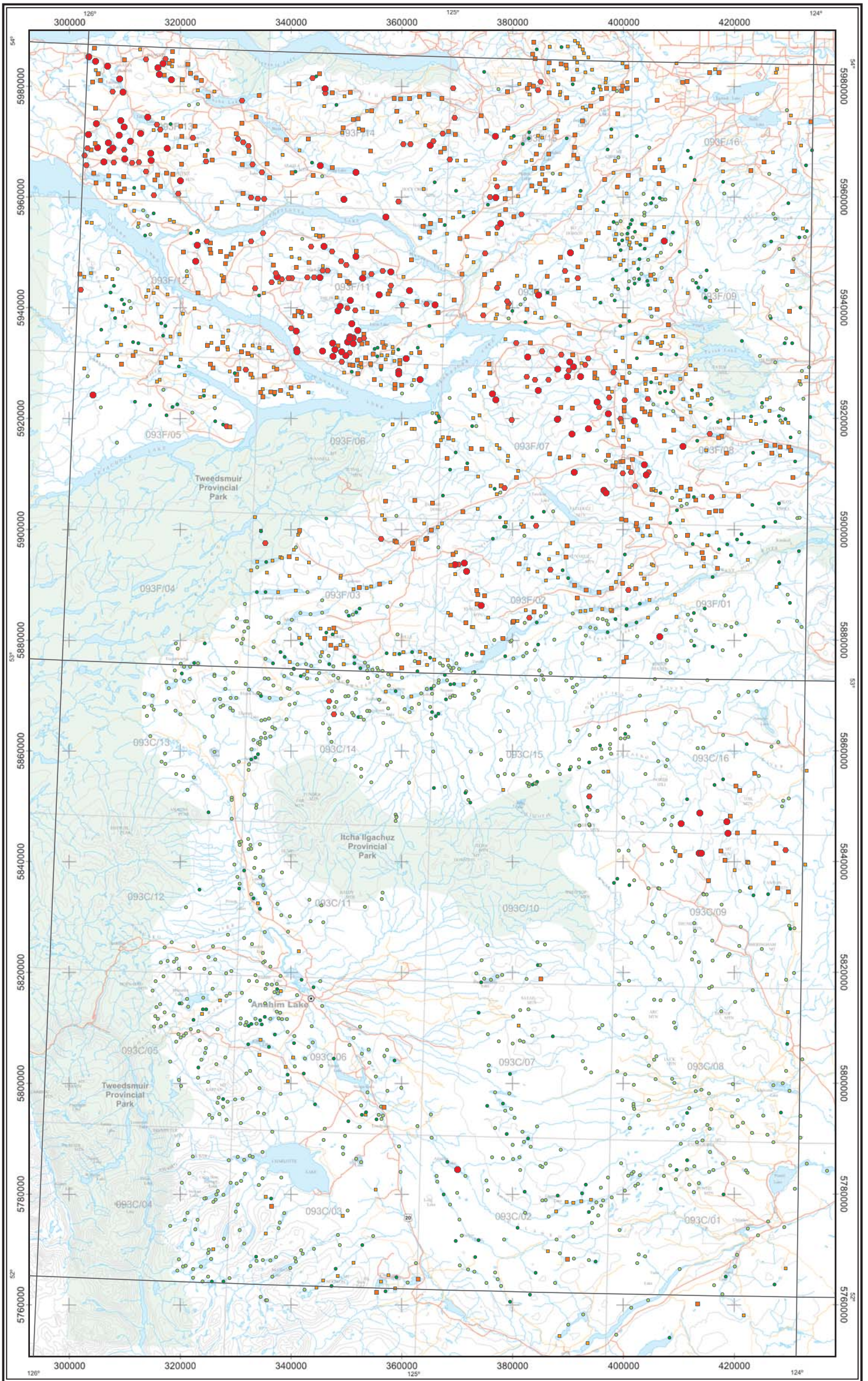
Zinc (Zn)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Zn	Mean -	69.46
Units - ppm	Median -	61.7
DL - 0.1	Mode -	53
Method - ICPMS	Range -	1034.7
N - 2414	SD -	49.56
N>DL - 2414	CV -	0.713



Concentration	Percentile	Count
13.3	MAX	n = 107
2.5	95TH	n = 118
1.9	90TH	n = 418
1.1	70TH	n = 476
0.7	50TH	n = 340
0.5	30TH	n = 955
<0.1	MIN	

Antimony (Sb)

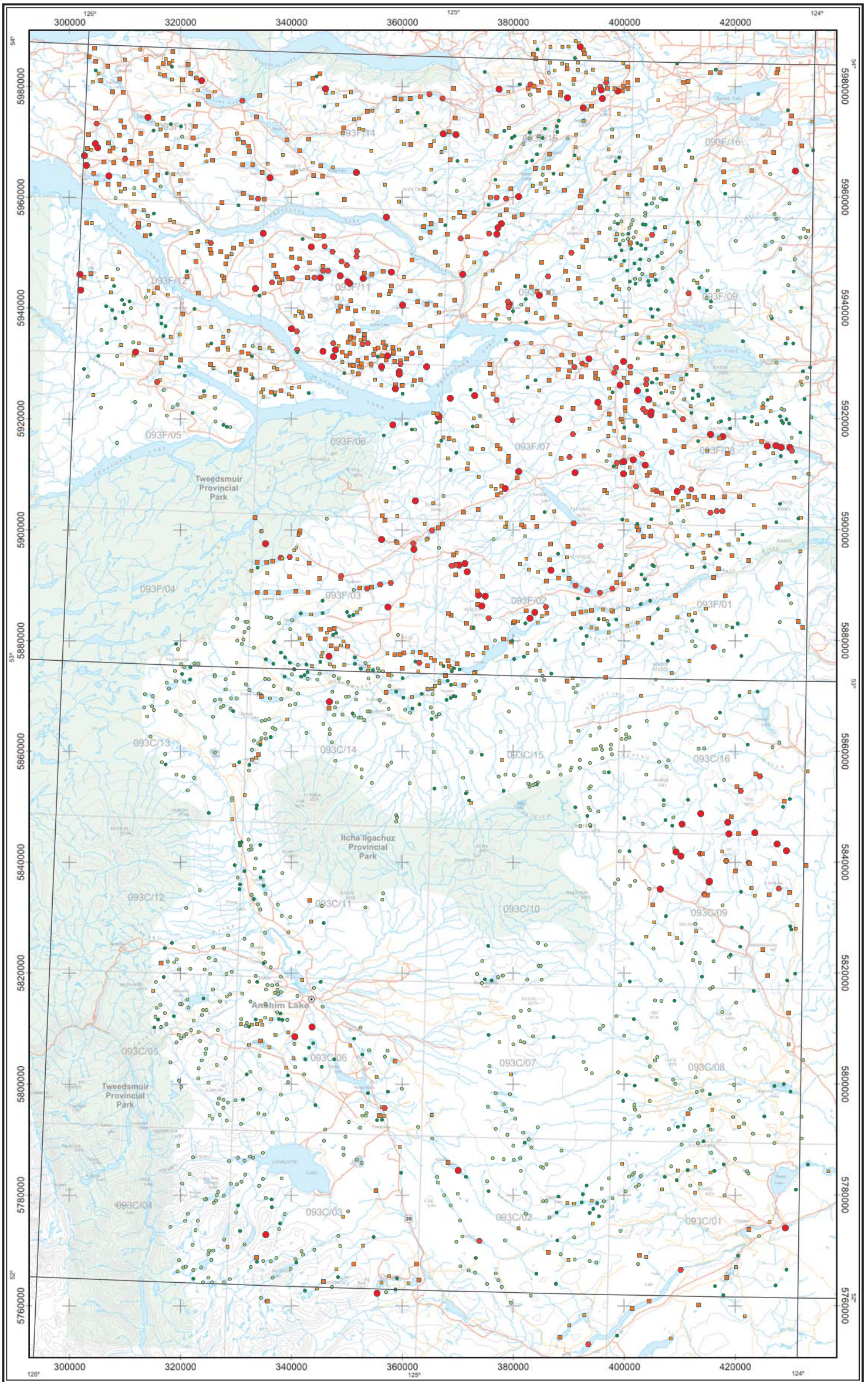
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Sb	Mean - 0.95
Units - ppm	Median - 0.7
DL - 0.1	Mode - 0.3
Method - INAA	Range - 3.25
N - 2414	SD - 0.91
N>DL - 2365	CV - 0.955



Concentration	Percentile	Count
112.0	MAX	n = 113
16.0	95TH	n = 102
12.0	90TH	n = 503
6.4	70TH	n = 484
3.9	50TH	n = 465
2.2	30TH	n = 747
<0.5	MIN	

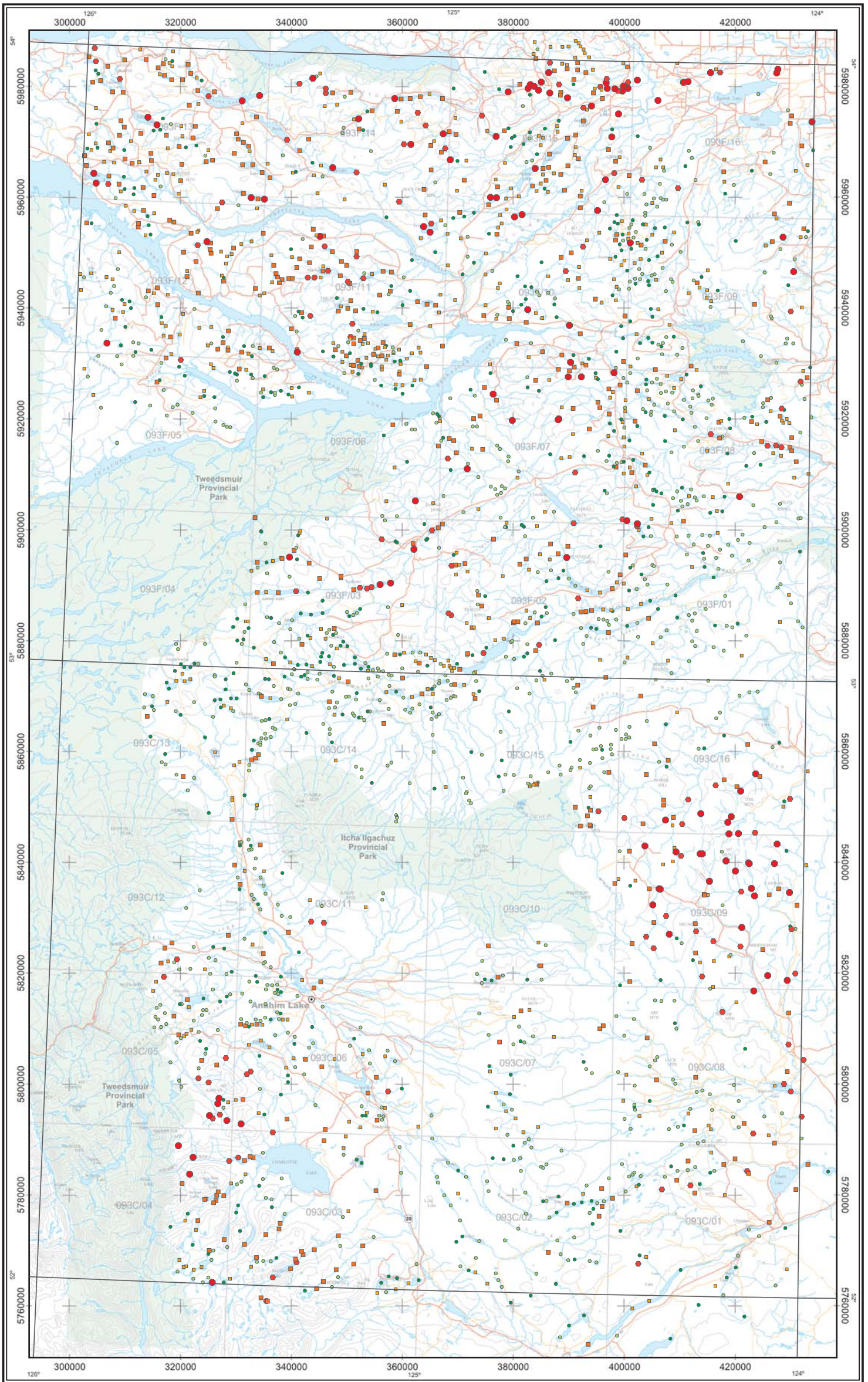
Arsenic (As)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - As	Mean - 5.75
Units - ppm	Median - 3.9
DL - 0.5	Mode - 0.25
Method - INAA	Range - 111.75
N - 2414	SD - 7.26
N>DL - 2259	CV - 1.263



Concentration	Percentile	Count
1200	MAX	n = 118
630	95TH	n = 116
530	90TH	n = 450
300	70TH	n = 499
190	50TH	n = 454
120	30TH	n = 777
<50	MIN	

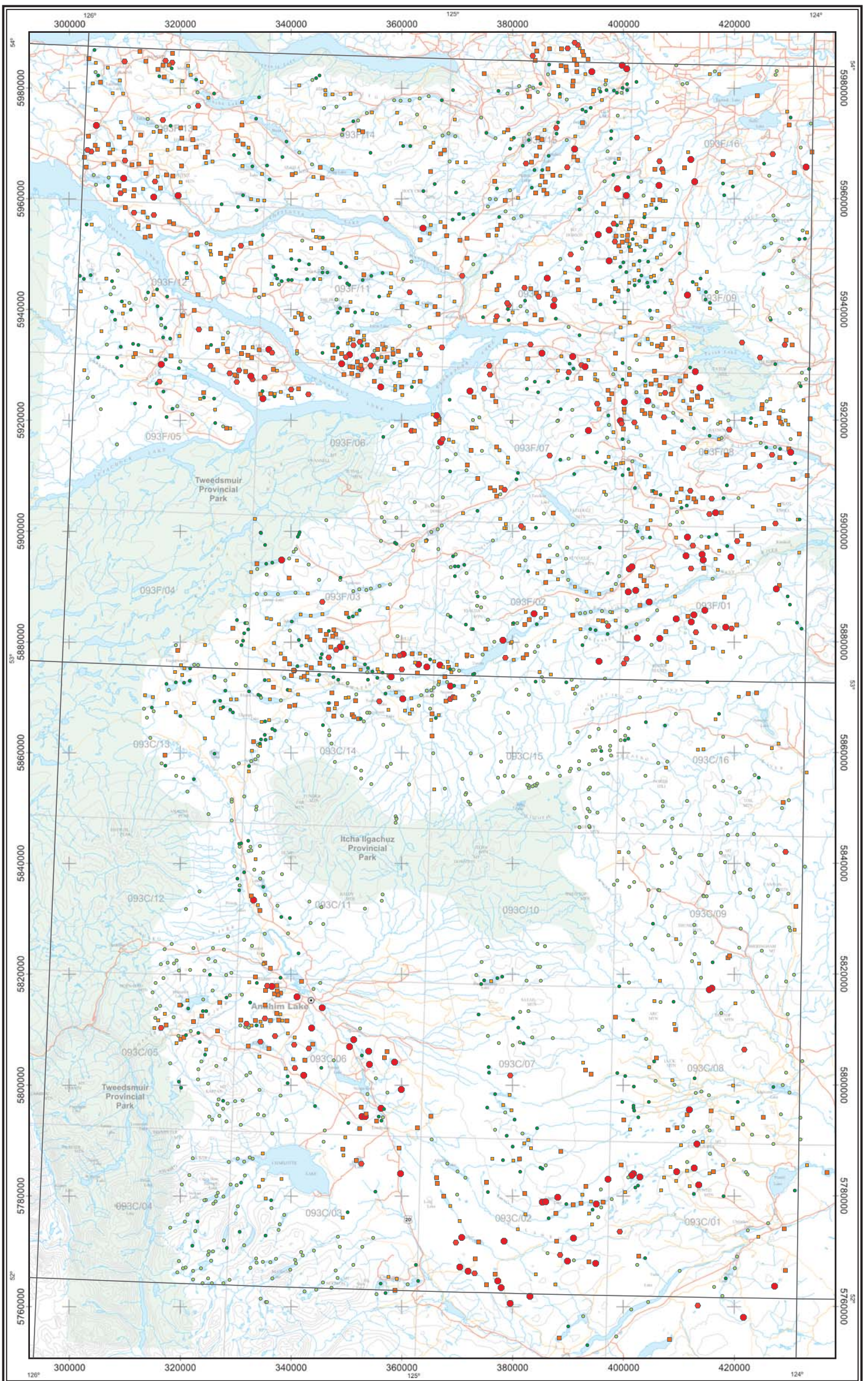
Barium (Ba)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ba	Mean -	244
Units - ppm	Median -	190
DL - 50	Mode -	25
Method - INAA	Range -	1175
N - 2414	SD -	189.47
N>DL - 2199	CV -	0.777



Concentration	Percentile	Count
376.0	MAX	n = 116
103.0	95TH	n = 122
91.0	90TH	n = 487
62.6	70TH	n = 468
41.0	50TH	n = 466
23.0	30TH	n = 755
0.5	MIN	

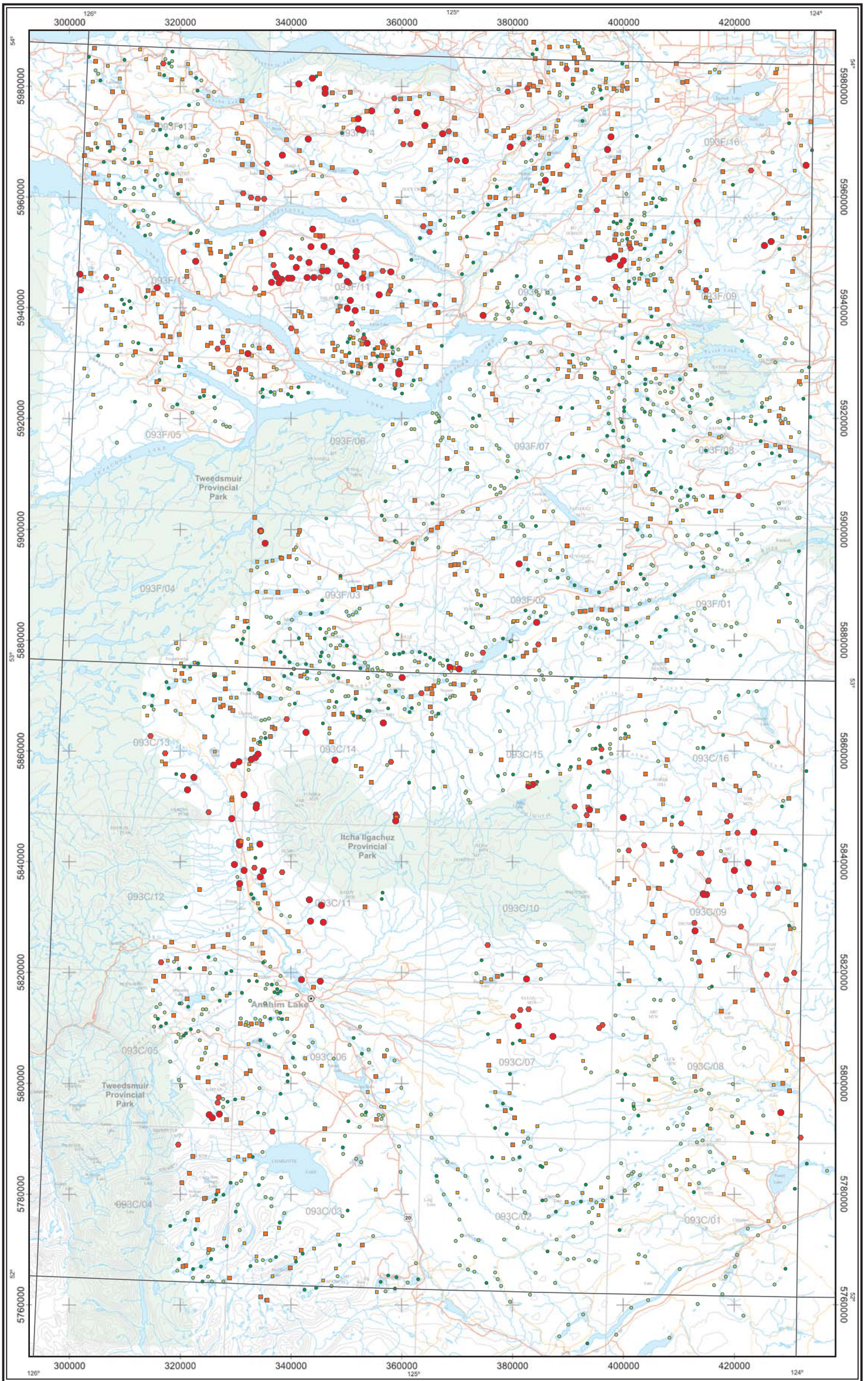
Bromine (Br)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Br	Mean -	46.44
Units - ppm	Median -	41
DL - 0.5	Mode -	10
Method - INAA	Range -	375.5
N - 2414	SD -	33.61
N>DL - 2412	CV -	0.724



Concentration	Percentile	Count
290	MAX	n = 121
73	95TH	n = 109
59	90TH	n = 474
37	70TH	n = 454
25	50TH	n = 514
14	30TH	n = 742
2.5	MIN	

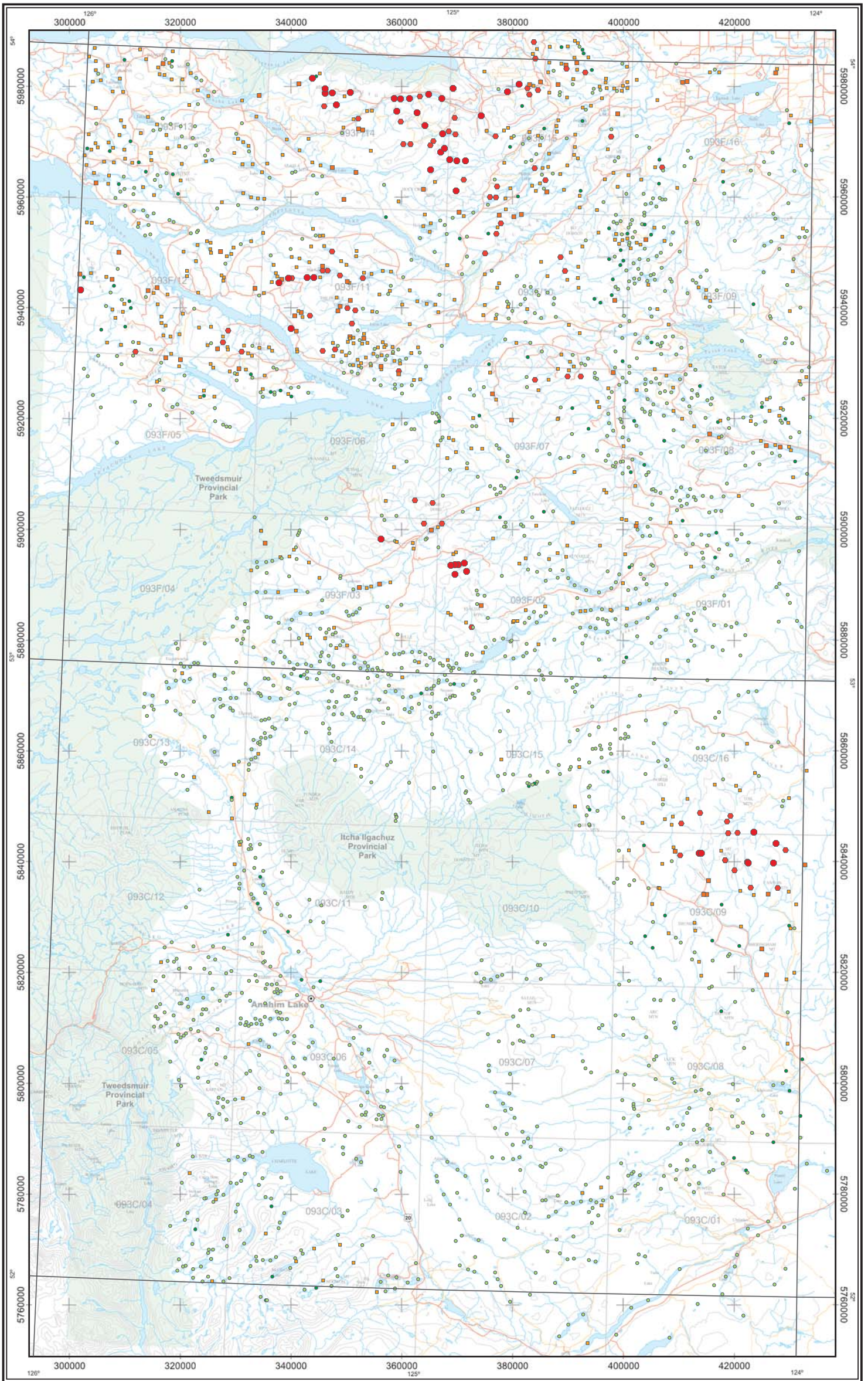
Cerium (Ce)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ce	Mean -	29.71
Units - ppm	Median -	25
DL - 5	Mode -	2.5
Method - INAA	Range -	287.5
N - 2414	SD -	24.52
N>DL - 2163	CV -	0.825



Concentration	Percentile	Count
22.0	MAX	n = 46
6.8	98TH	n = 70
4.0	95TH	n = 70
3.0	90TH	n = 70
1.2	70TH	n = 538
1.0	60TH	n = 114
<0.5	MIN	n = 1576

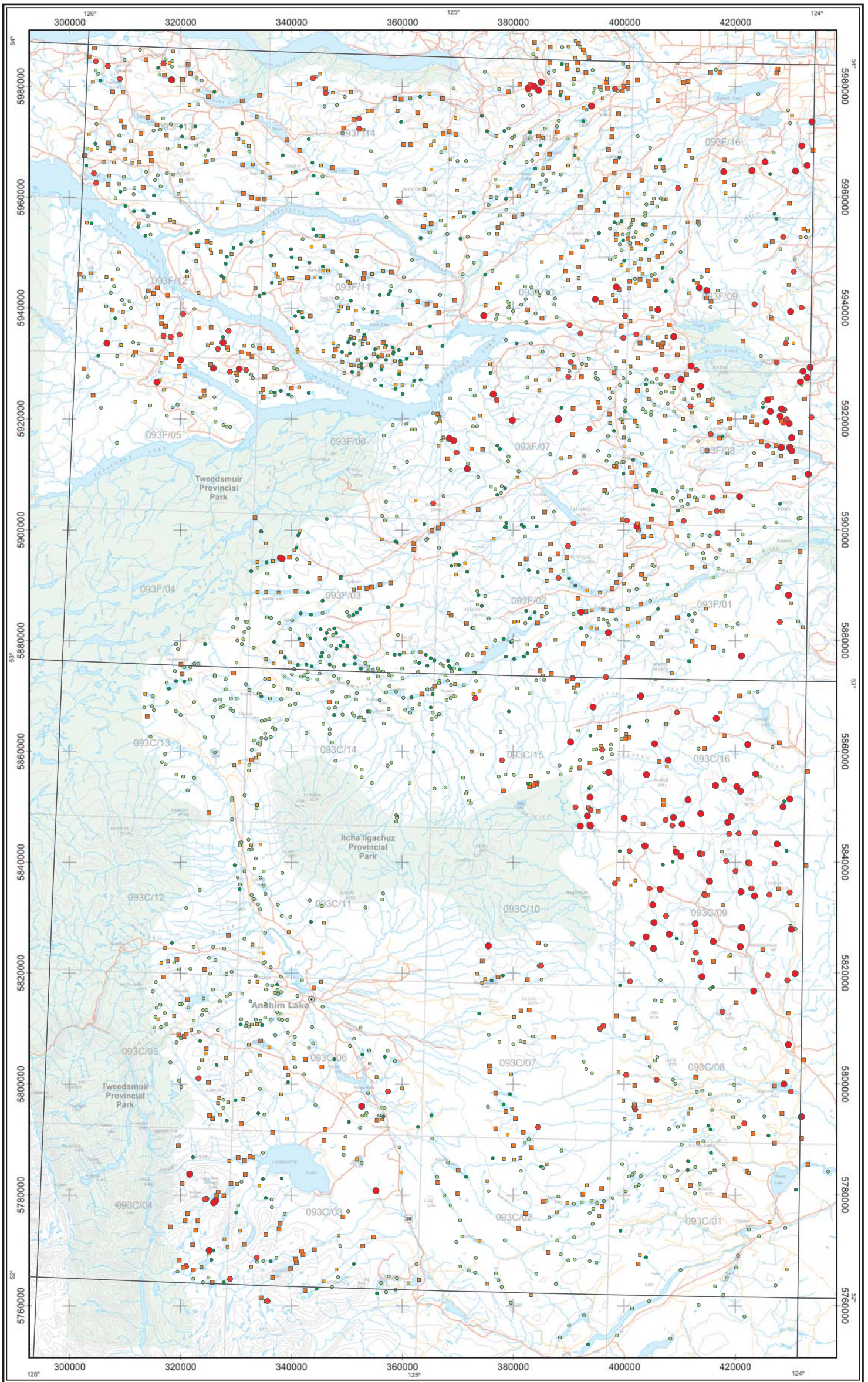
Cesium (Cs)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Cs	Mean -	1.3
Units - ppm	Median -	0.9
DL - 0.5	Mode -	0.25
Method - INAA	Range -	21.75
N - 2414	SD -	1.72
N>DL - 1507	CV -	1.323



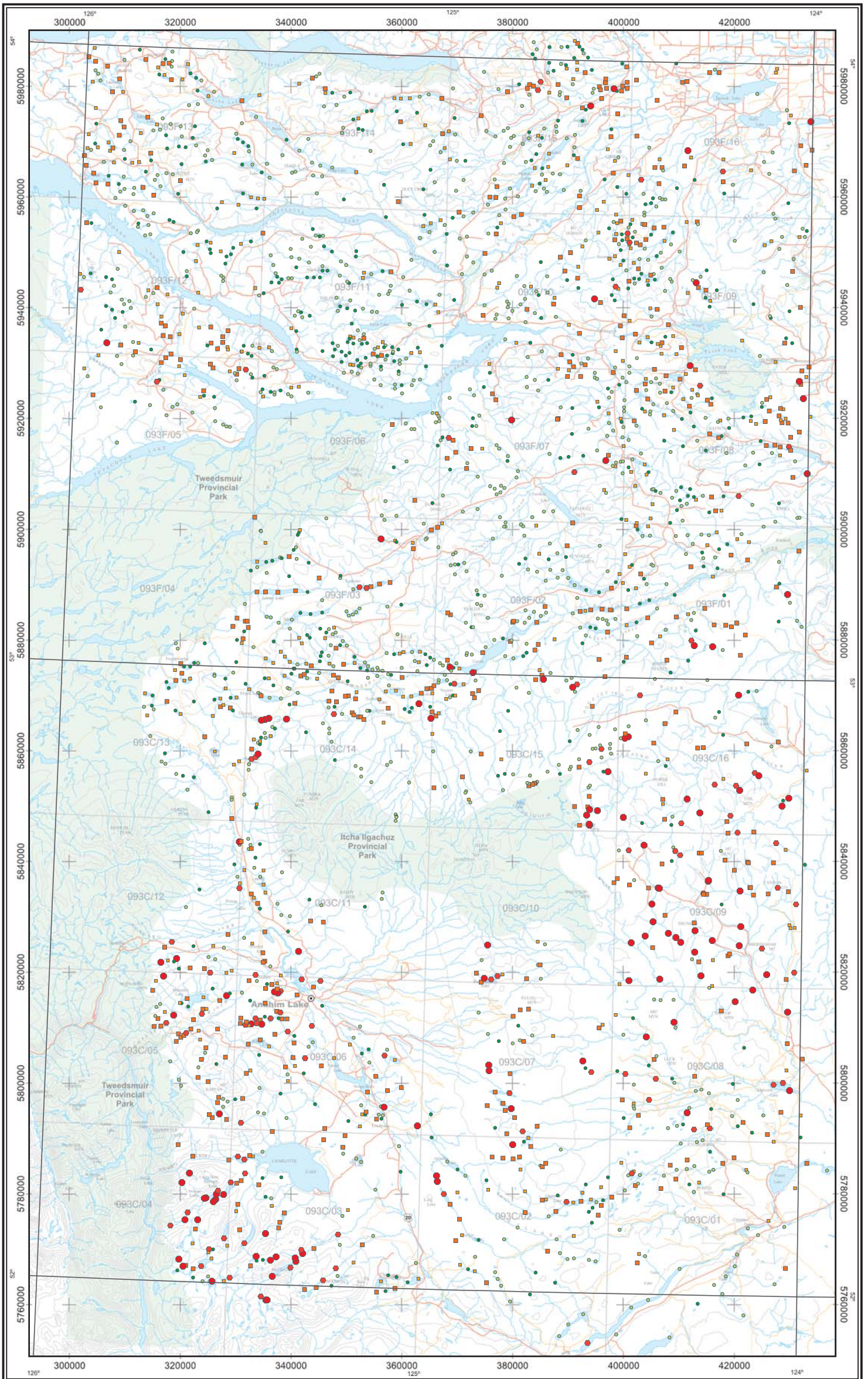
Concentration	Percentile	Count
280	MAX	n = 120
67	95TH	n = 118
54	90TH	n = 452
33	70TH	n = 462
23	50TH	n = 324
<20	30TH	n = 324
<20	MIN	n = 938

Chromium (Cr)

Central British Columbia
(NTS 93C and 93F)



Data Summary	
Variable - Cr	Mean - 27.3
Units - ppm	Median - 23
DL - 20	Mode - 10
Method - INAA	Range - 276
N - 2414	SD - 22.77
N>DL - 1318	CV - 0.834



Concentration	Percentile	Count
77	MAX	n = 119
18	95TH	n = 95
15	90TH	n = 505
9	70TH	n = 360
7	50TH	n = 493
5	30TH	n = 842
<5	MIN	

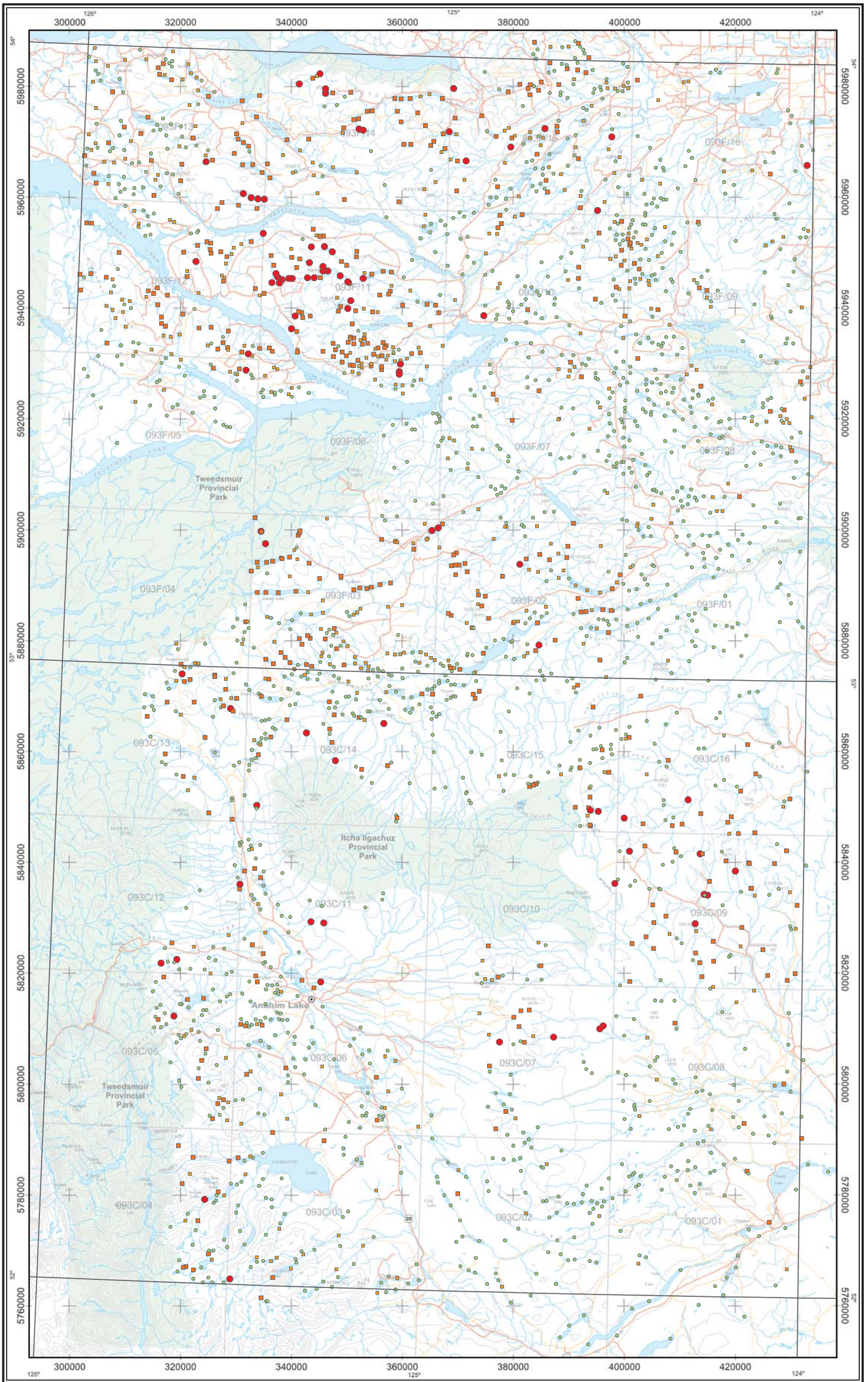
Cobalt (Co)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Co	Mean -	8.06
Units - ppm	Median -	7
DL - 5	Mode -	2.5
Method - INAA	Range -	76
N - 2414	SD -	6.06
N>DL - 1573	CV -	0.752



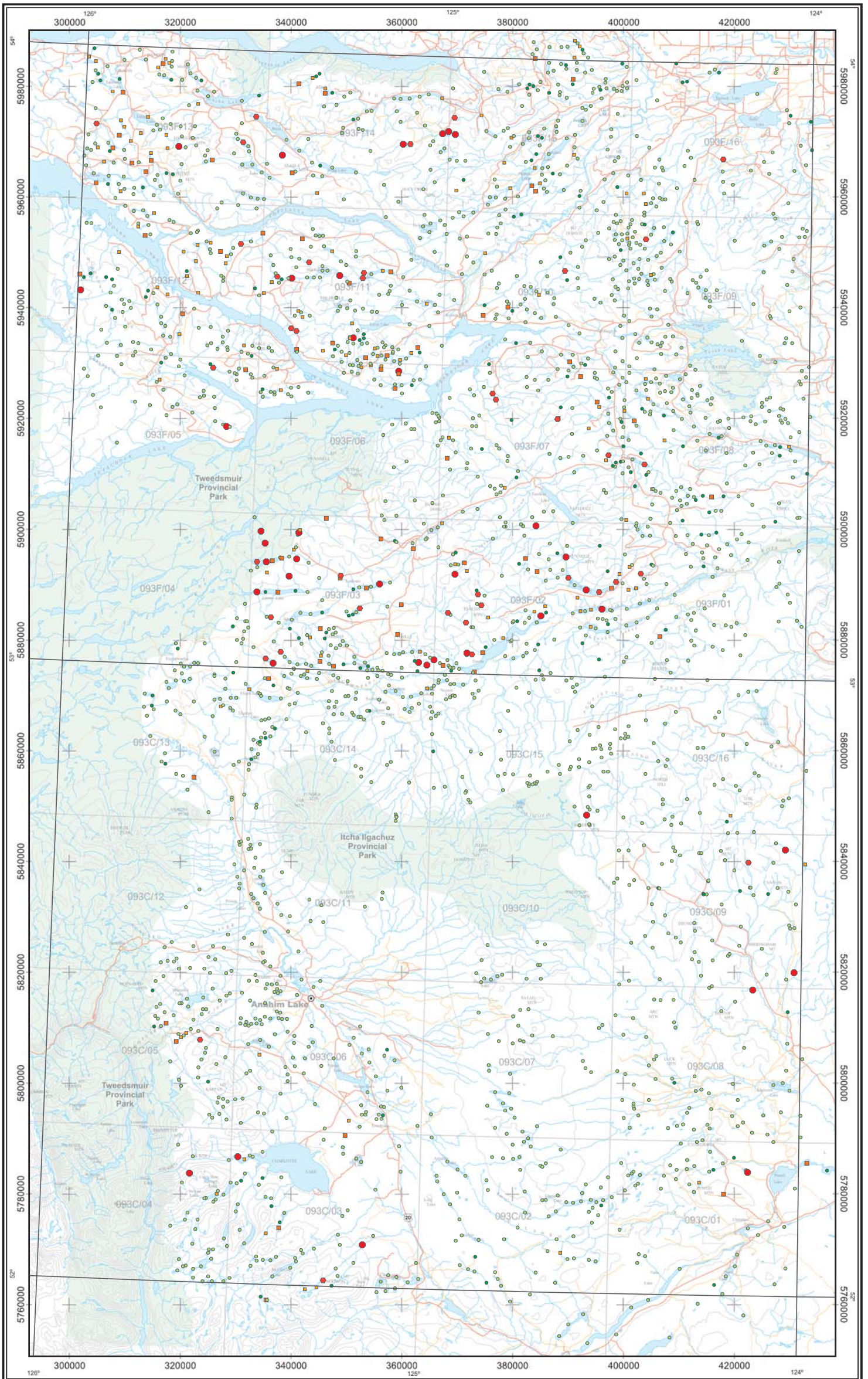
Concentration	Percentile	Count
5	MAX	n = 86
2	95TH	n = 0
1	90TH	n = 472
<1	70TH	n = 430
<1	50TH	n = 0
<1	30TH	n = 0
<1	MIN	n = 1426

Europium (Eu)

Central British Columbia
(NTS 93C and 93F)

0 10 20 30
Kilometres
UTM ZONE 10 / NAD83

Data Summary		
Variable - Eu	Mean -	0.91
Units - ppm	Median -	0.5
DL - 1	Mode -	0.5
Method - INAA	Range -	4.8
N - 2414	SD -	0.65
N>DL - 558	CV -	0.718



Concentration	Percentile	Count
694	MAX	n = 39
7	98TH	n = 39
5	95TH	n = 72
4	90TH	n = 126
3	85TH	n = 178
2	80TH	n = 1960
<2	MIN	

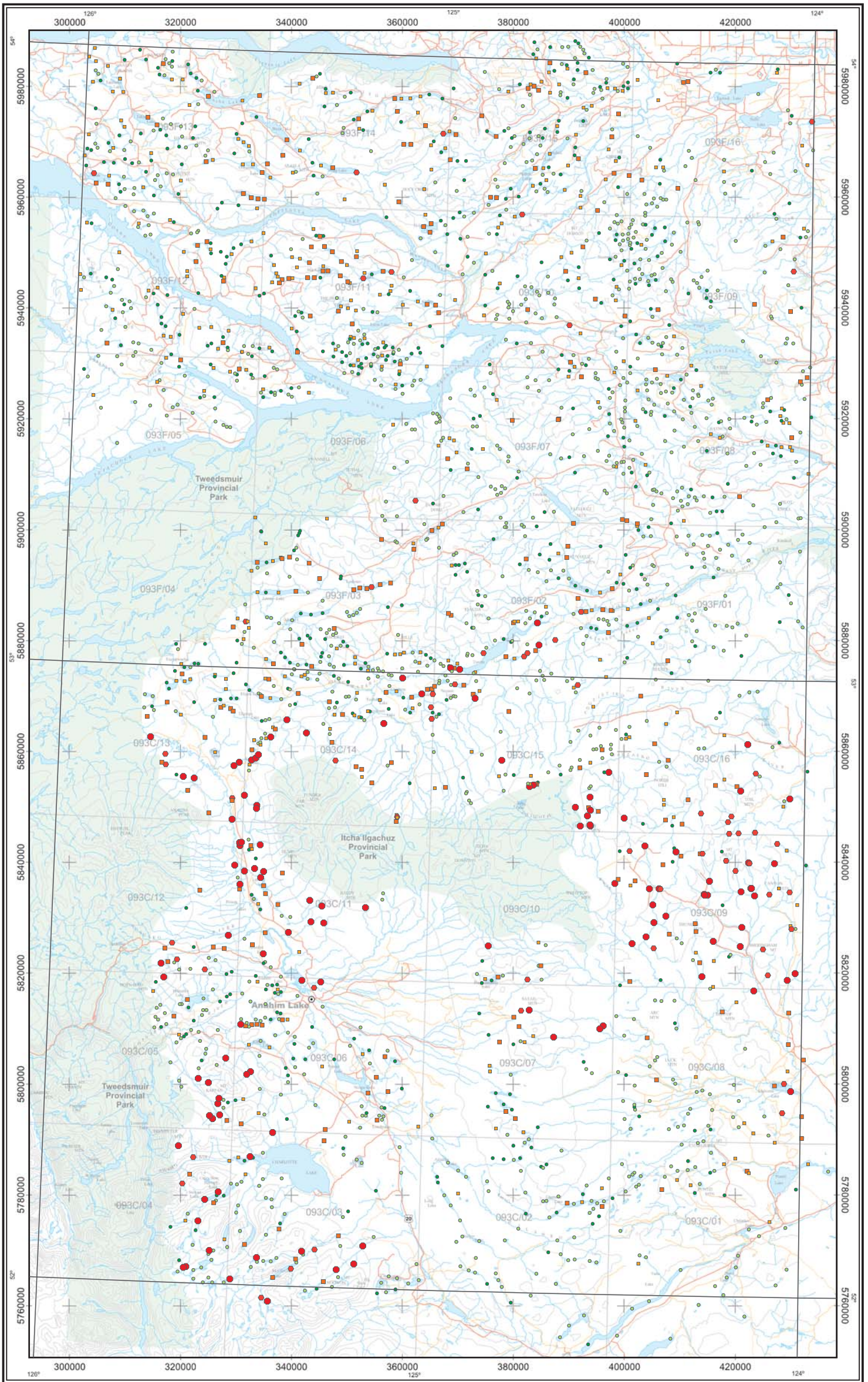
Gold (Au)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Au	Mean -	2.4
Units - ppb	Median -	1
DL - 2	Mode -	1
Method - INAA	Range -	693
N - 2414	SD -	16.29
N>DL - 454	CV -	6.875



Concentration	Percentile	Count
34	MAX	n = 120
6	95TH	n = 61
5	90TH	n = 263
3	70TH	n = 354
2	50TH	n = 538
1	30TH	n = 1078
<1	MIN	

Hafnium (Hf)

Central British Columbia

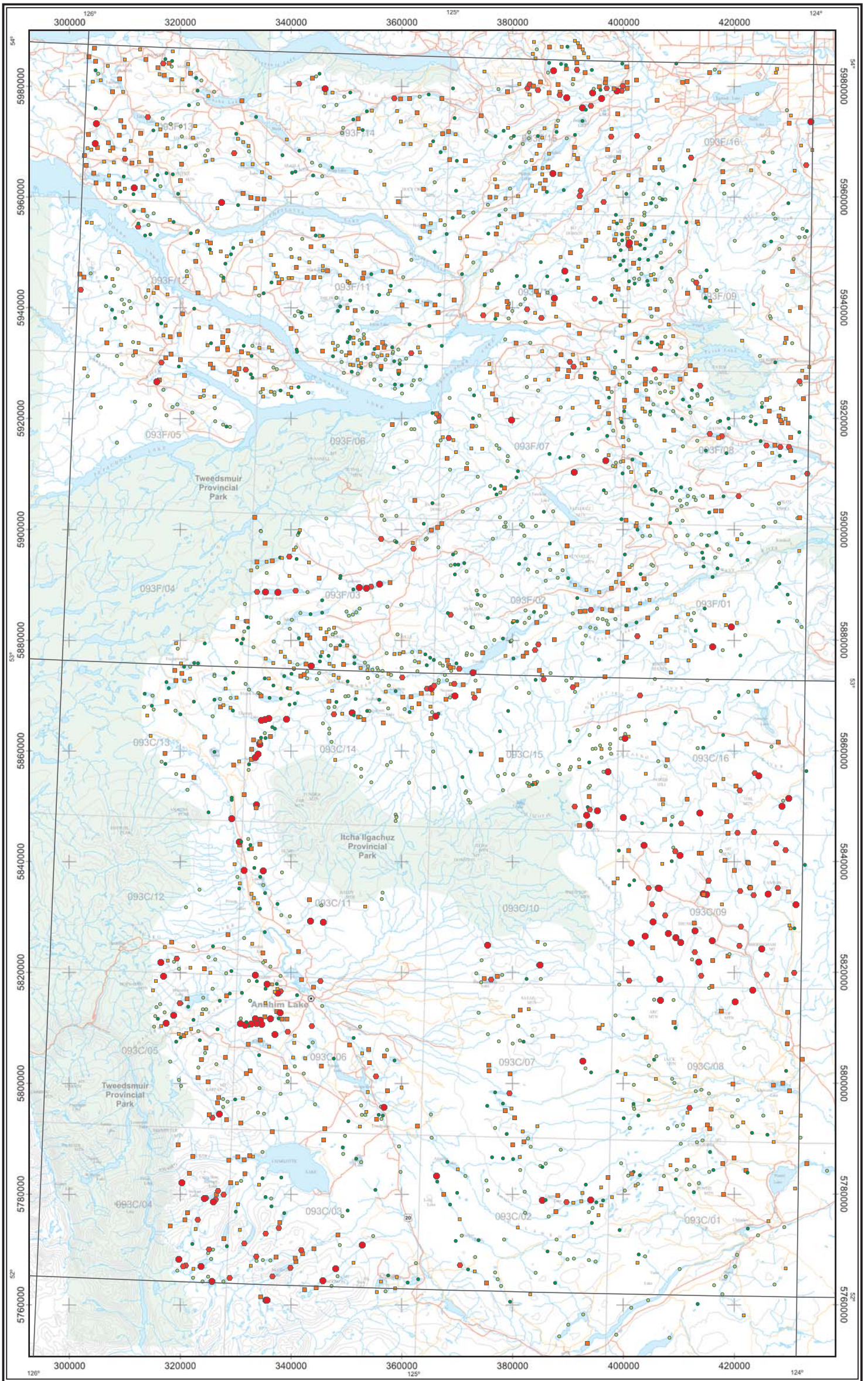
(NTS 93C and 93F)



UTM ZONE 10 / NAD83

Data Summary

Variable - Hf	Mean -	2.3
Units - ppm	Median -	2
DL - 1	Mode -	0.5
Method - INAA	Range -	33.5
N - 2414	SD -	2.42
N>DL - 1337	CV -	1.054



Concentration	Percentile	Count
27.1	MAX	n = 117
5.0	95TH	n = 123
4.1	90TH	n = 479
2.5	70TH	n = 478
1.8	50TH	n = 494
1.2	30TH	n = 723
<0.2	MIN	

Iron (Fe)

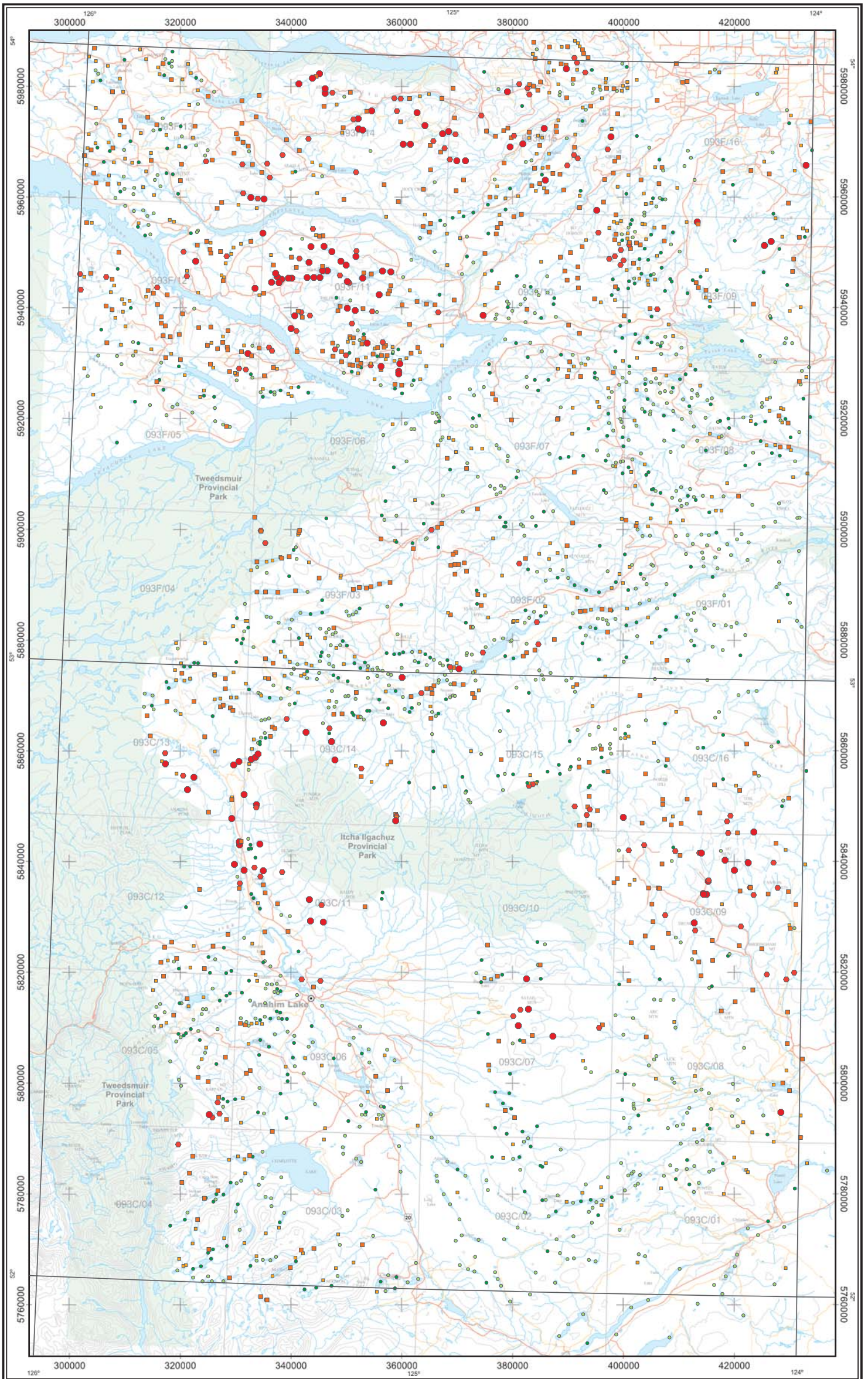
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Fe	Mean -	2.19
Units - %	Median -	1.8
DL - 0.2	Mode -	1.5
Method - INAA	Range -	27
N - 2414	SD -	1.87
N>DL - 2347	CV -	0.854



Concentration	Percentile	Count
130	MAX	n = 113
39	95TH	n = 119
31	90TH	n = 487
18	70TH	n = 452
12	50TH	n = 481
7	30TH	n = 762
<2	MIN	

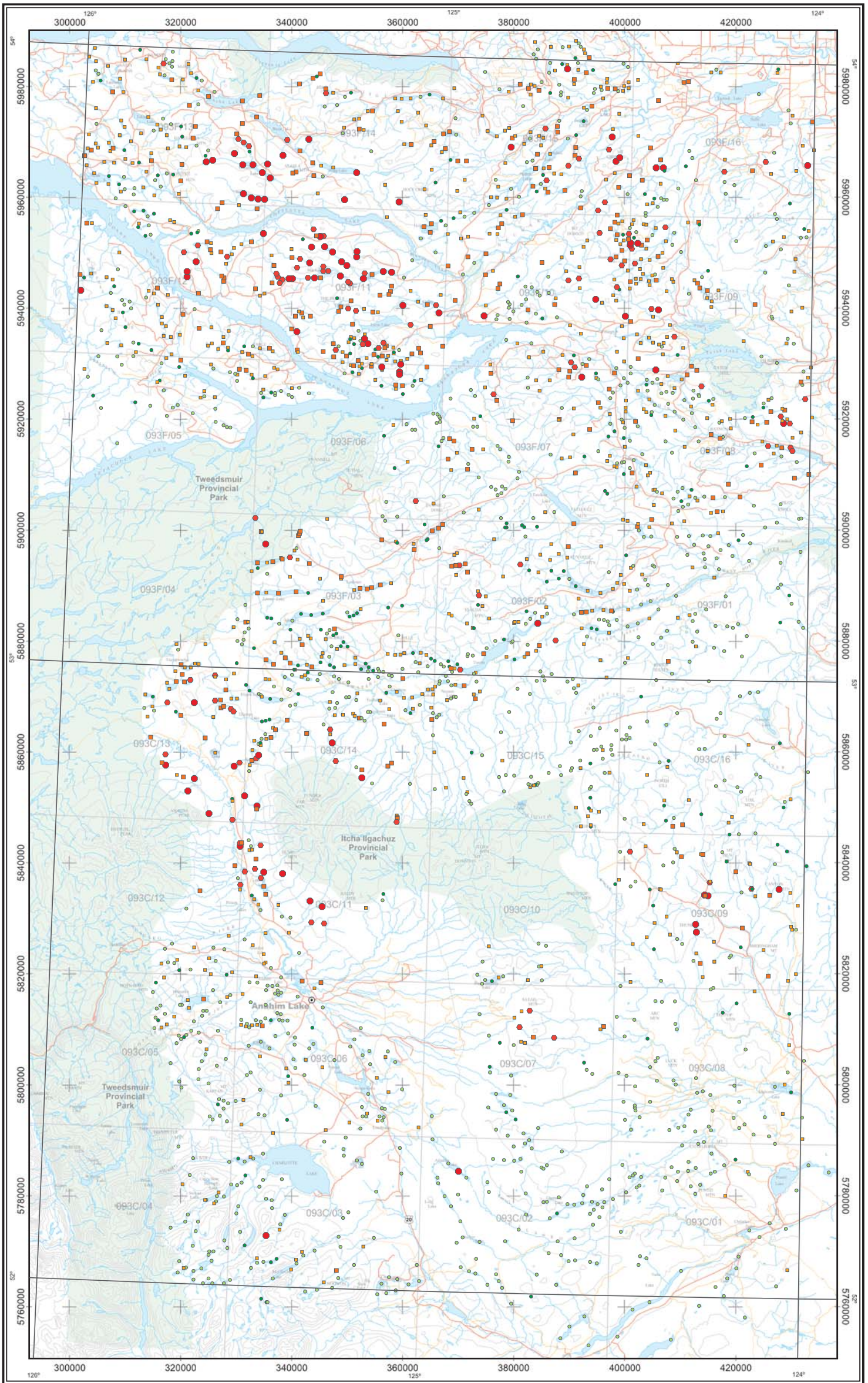
Lanthanum (La)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - La	Mean -	15
Units - ppm	Median -	12
DL - 2	Mode -	1
Method - INAA	Range -	129
N - 2414	SD -	12.64
N>DL - 2195	CV -	0.842



Concentration	Percentile	Count
2.8	MAX	n = 97
0.8	95TH	n = 107
0.6	90TH	n = 309
0.4	70TH	n = 706
0.2	50TH	n = 218
<0.2	30TH	n = 977
<0.2	MIN	

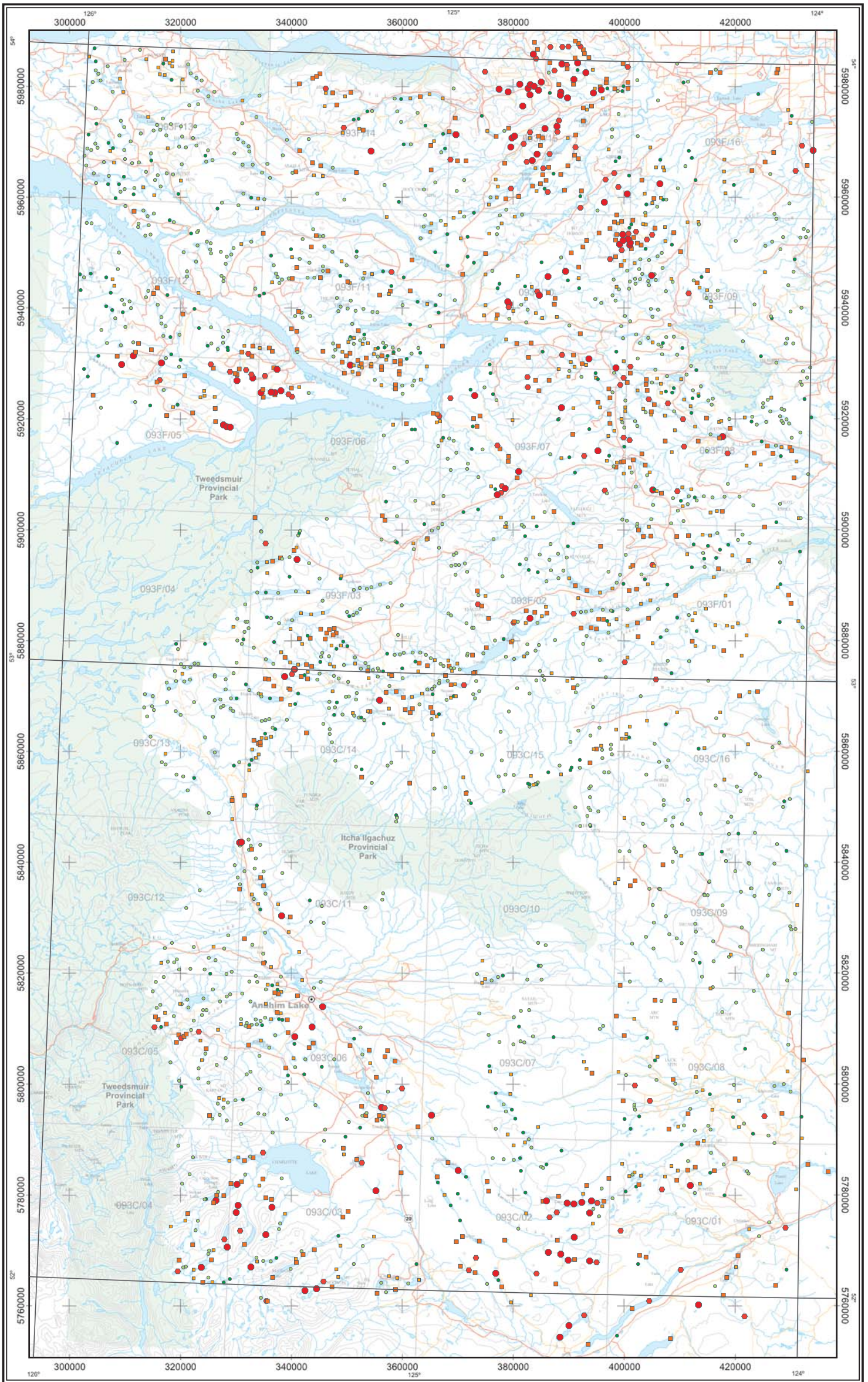
Lutetium (Lu)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Lu	Mean -	0.3
Units - ppm	Median -	0.2
DL - 0.2	Mode -	0.1
Method - INAA	Range -	2.7
N - 2414	SD -	0.24
N>DL - 1181	CV -	0.827



Concentration	Percentile	Count
556	MAX	n = 111
16	95TH	n = 108
11	90TH	n = 439
5	70TH	n = 412
3	50TH	n = 315
2	30TH	n = 1029
<1	MIN	

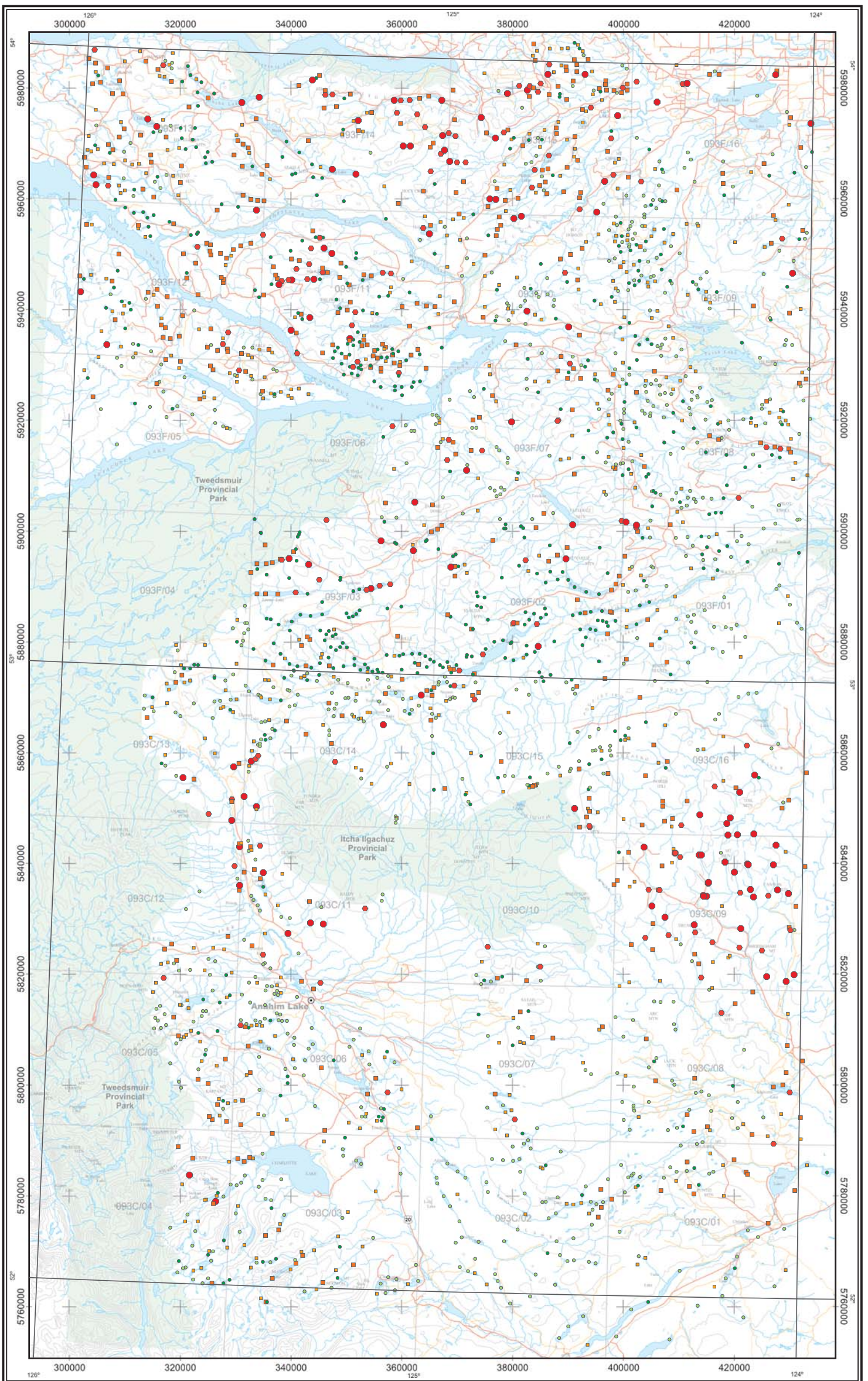
Molybdenum (Mo)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Mo	Mean -	5.47
Units - ppm	Median -	3
DL - 1	Mode -	2
Method - INAA	Range -	555.5
N - 2414	SD -	14.49
N>DL - 1761	CV -	2.649



Concentration	Percentile	Count
120	MAX	n = 115
52	95TH	n = 122
40	90TH	n = 456
20	70TH	n = 475
9	50TH	n = 508
<5	30TH	n = 738
<5	MIN	

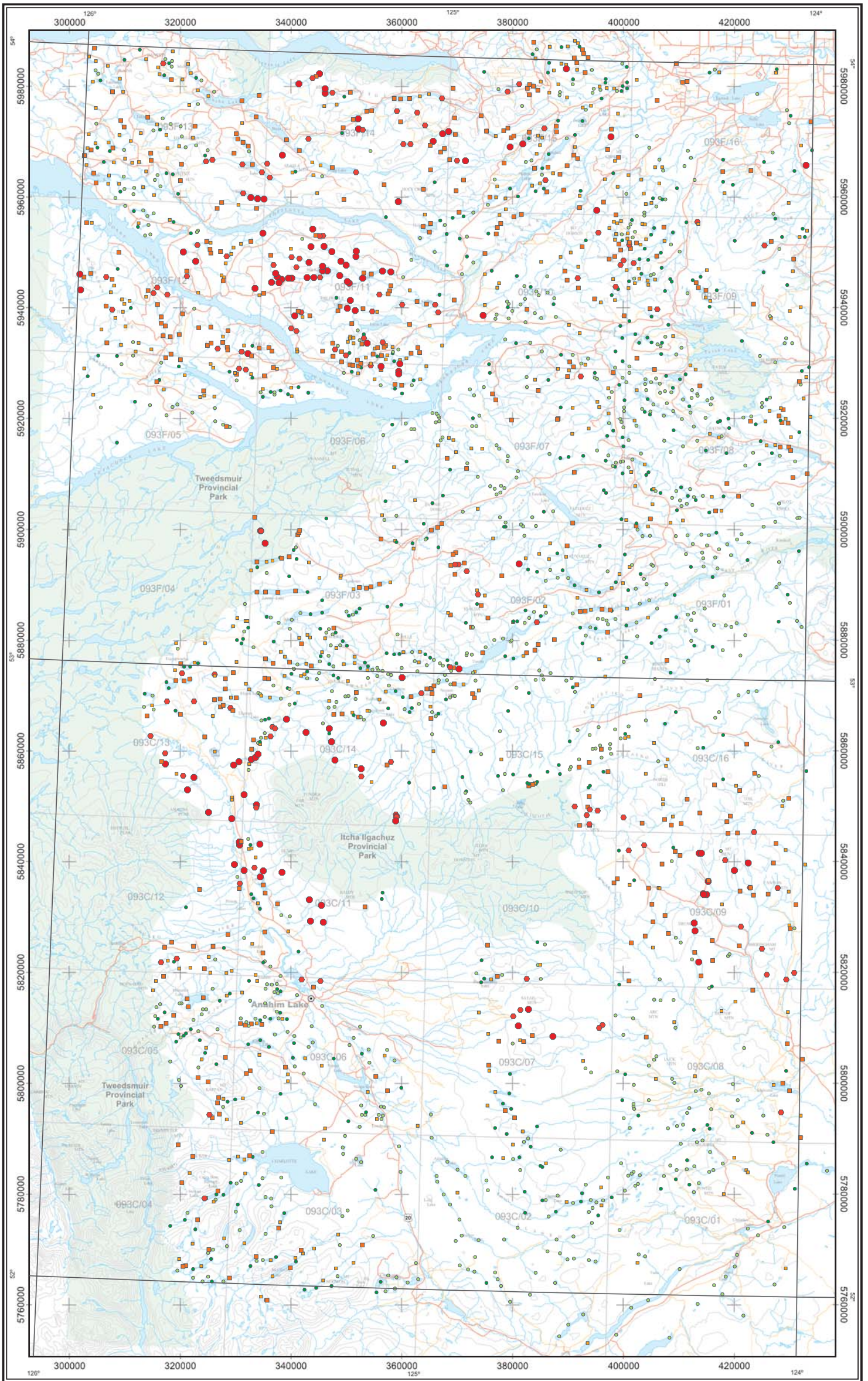
Rubidium (Rb)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Rb	Mean -	16.1
Units - ppm	Median -	9
DL - 5	Mode -	3
Method - INAA	Range -	117
N - 2414	SD -	17.44
N>DL - 1389	CV -	1.084



Concentration	Percentile	Count
25.4	MAX	n = 117
8.8	95TH	n = 122
6.9	90TH	n = 462
4.4	70TH	n = 473
2.9	50TH	n = 470
1.8	30TH	n = 470
<0.1	MIN	n = 770

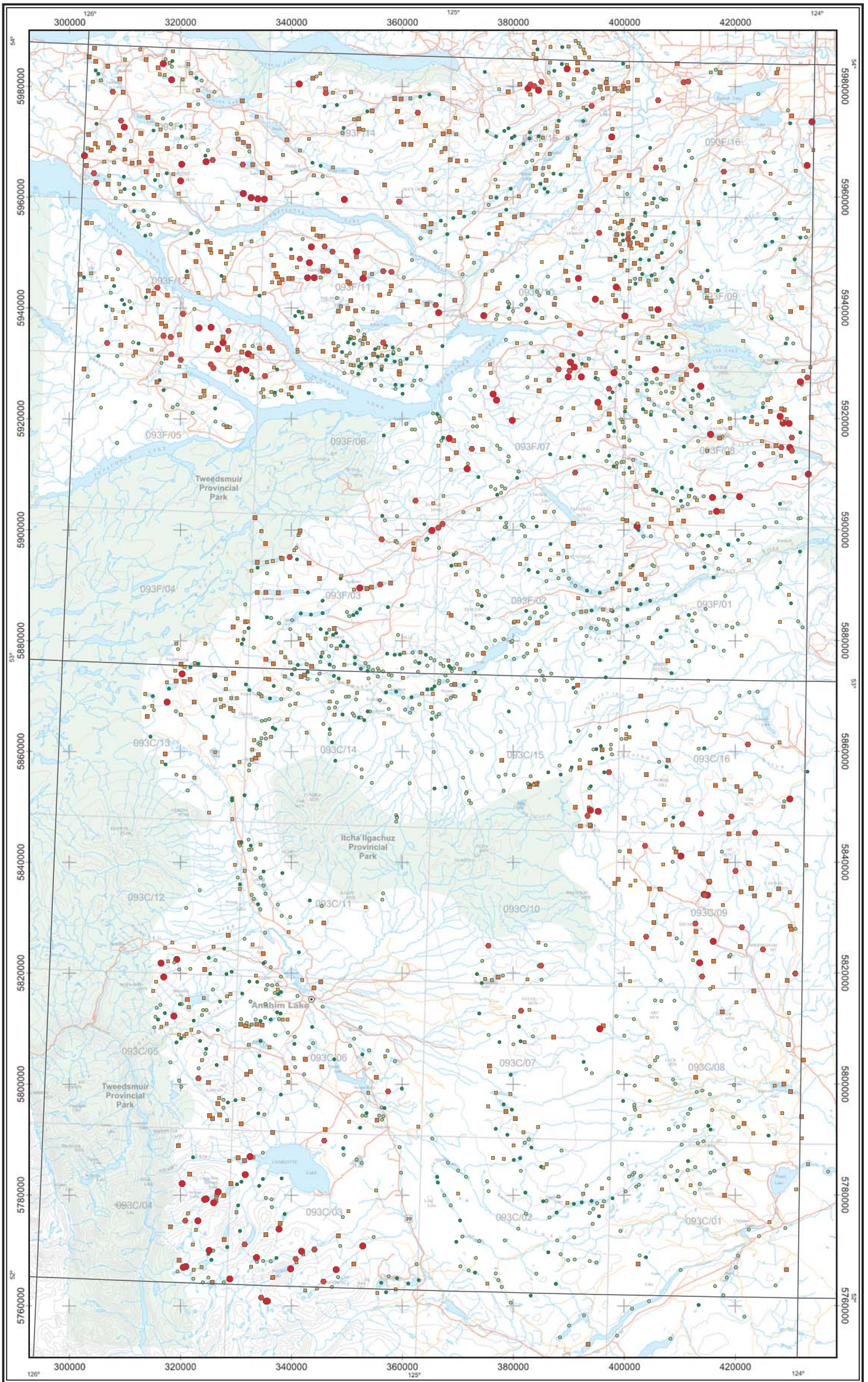
Samarium (Sm)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Sm	Mean -	3.48
Units - ppm	Median -	2.9
DL - 0.1	Mode -	1.9
Method - INAA	Range -	25.35
N - 2414	SD -	2.84
N>DL - 2371	CV -	0.814



Concentration	Percentile	Count
32.4	MAX	n = 100
16.0	95TH	n = 95
14.0	90TH	n = 434
10.0	70TH	n = 572
7.0	50TH	n = 472
4.5	30TH	n = 741
<0.2	MIN	

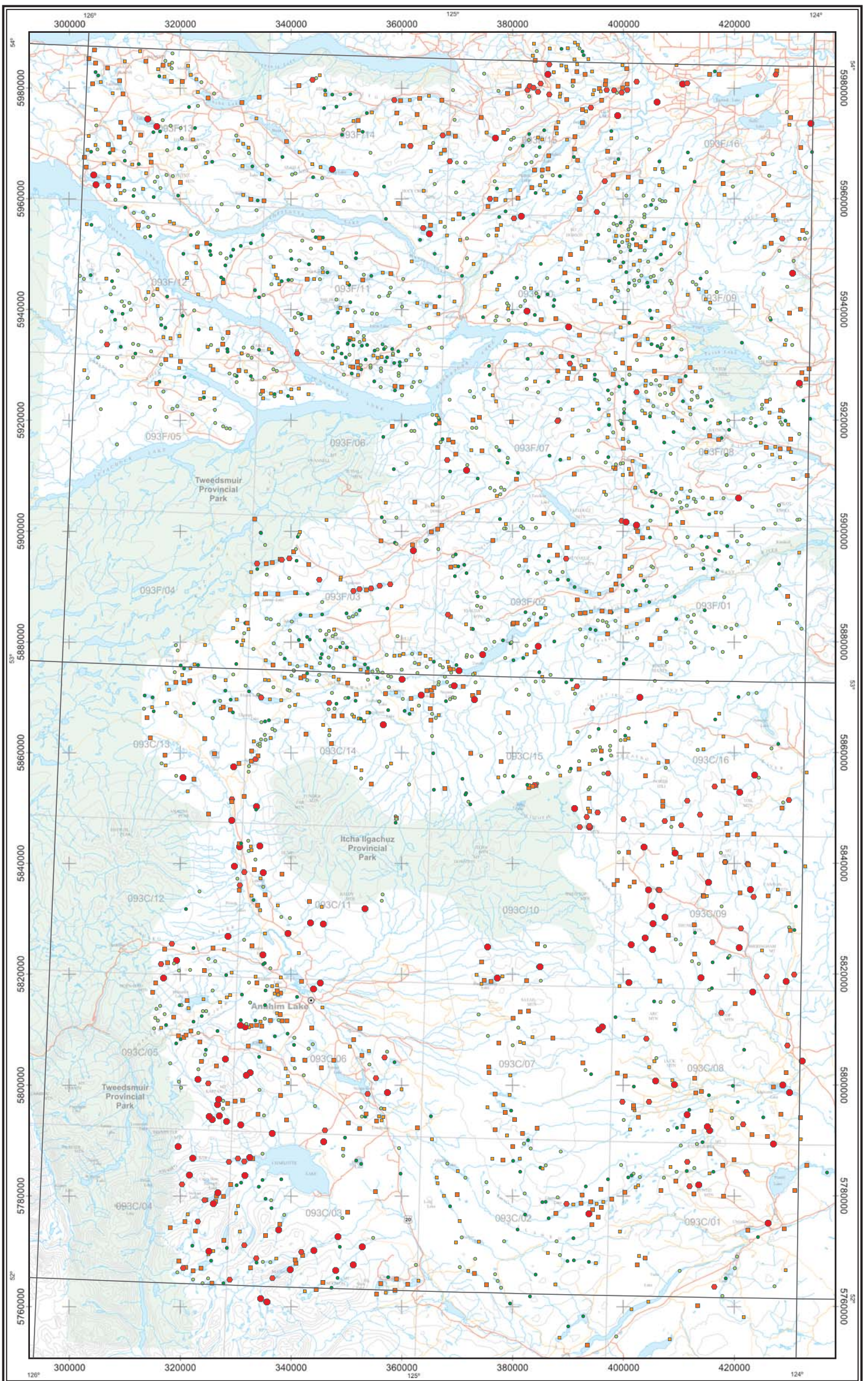
Scandium (Sc)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Sc	Mean -	7.6
Units - ppm	Median -	7
DL - 0.2	Mode -	10
Method - INAA	Range -	32.3
N - 2414	SD -	4.74
N>DL - 2404	CV -	0.623



Concentration	Percentile	Count
11.40	MAX	n = 119
2.07	95TH	n = 109
1.60	90TH	n = 492
0.67	70TH	n = 479
0.38	50TH	n = 462
0.23	30TH	n = 753
0.02	MIN	

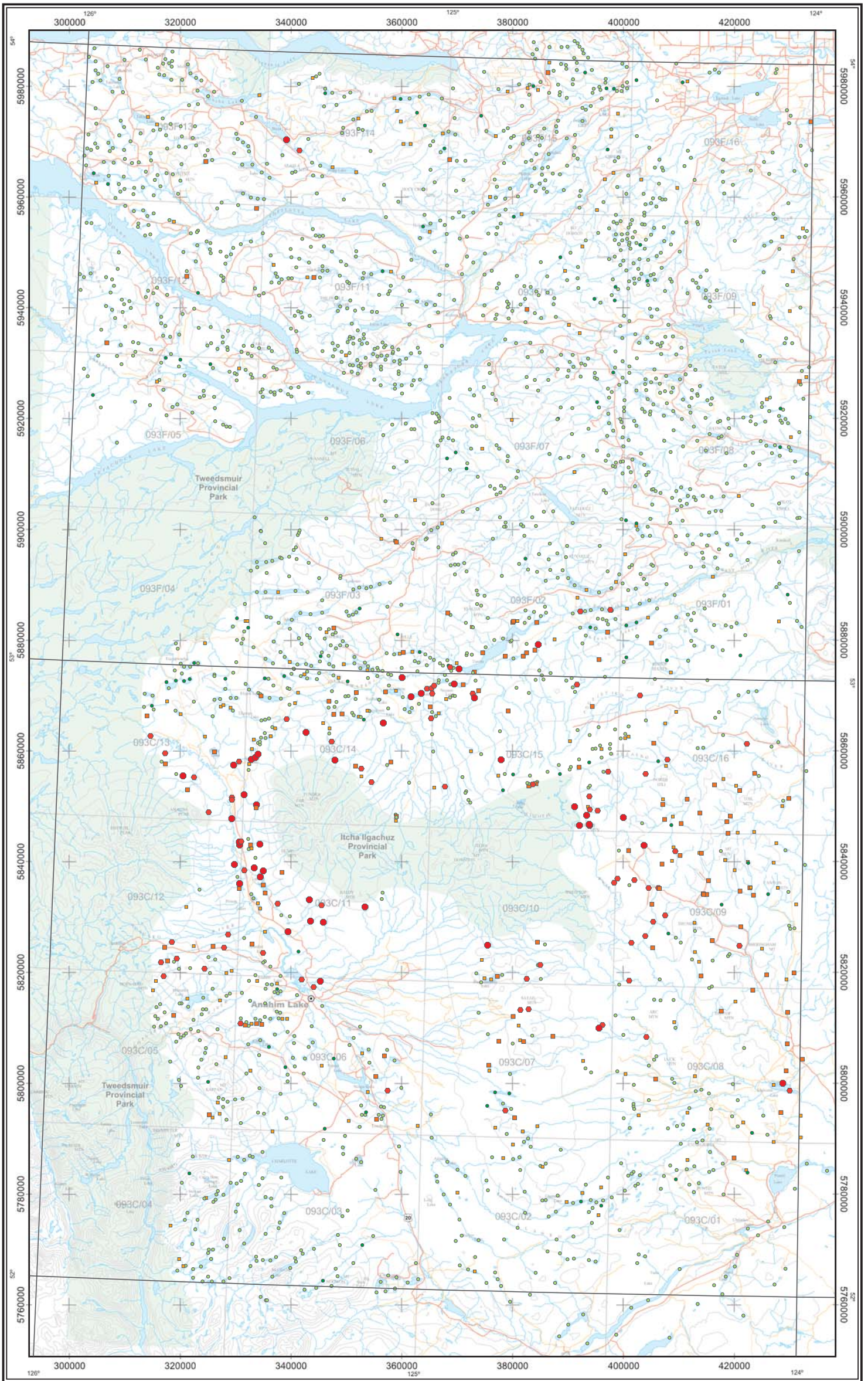
Sodium (Na)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Na	Mean - 0.63
Units - %	Median - 0.38
DL - 0.02	Mode - 1.2
Method - INAA	Range - 11.38
N - 2414	SD - 0.69
N>DL - 2413	CV - 1.094



Concentration	Percentile	Count
11.0	MAX	n = 44
2.6	98TH	n = 68
1.6	95TH	n = 114
1.0	90TH	n = 209
0.6	80TH	n = 95
0.5	50TH	n = 1884
<0.5	MIN	

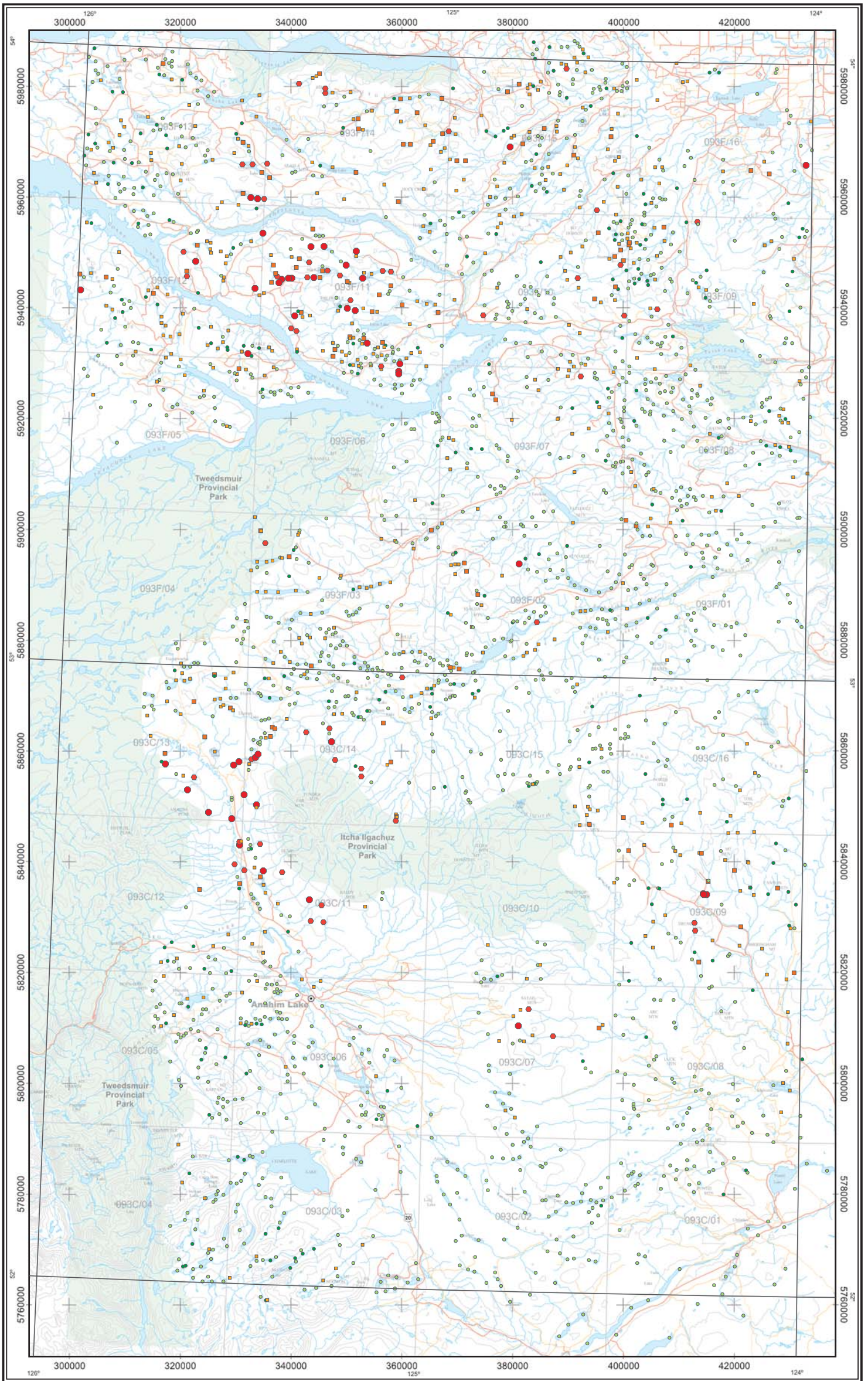
Tantalum (Ta)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Ta	Mean - 0.53
Units - ppm	Median - 0.25
DL - 0.5	Mode - 0.25
Method - INAA	Range - 10.75
N - 2414	SD - 0.67
N>DL - 530	CV - 1.254



Concentration	Percentile	Count
3.2	MAX	n = 45
1.6	98TH	n = 53
1.3	95TH	n = 102
1.0	90TH	n = 474
0.6	70TH	n = 231
0.5	50TH	n = 1509
<0.5	MIN	

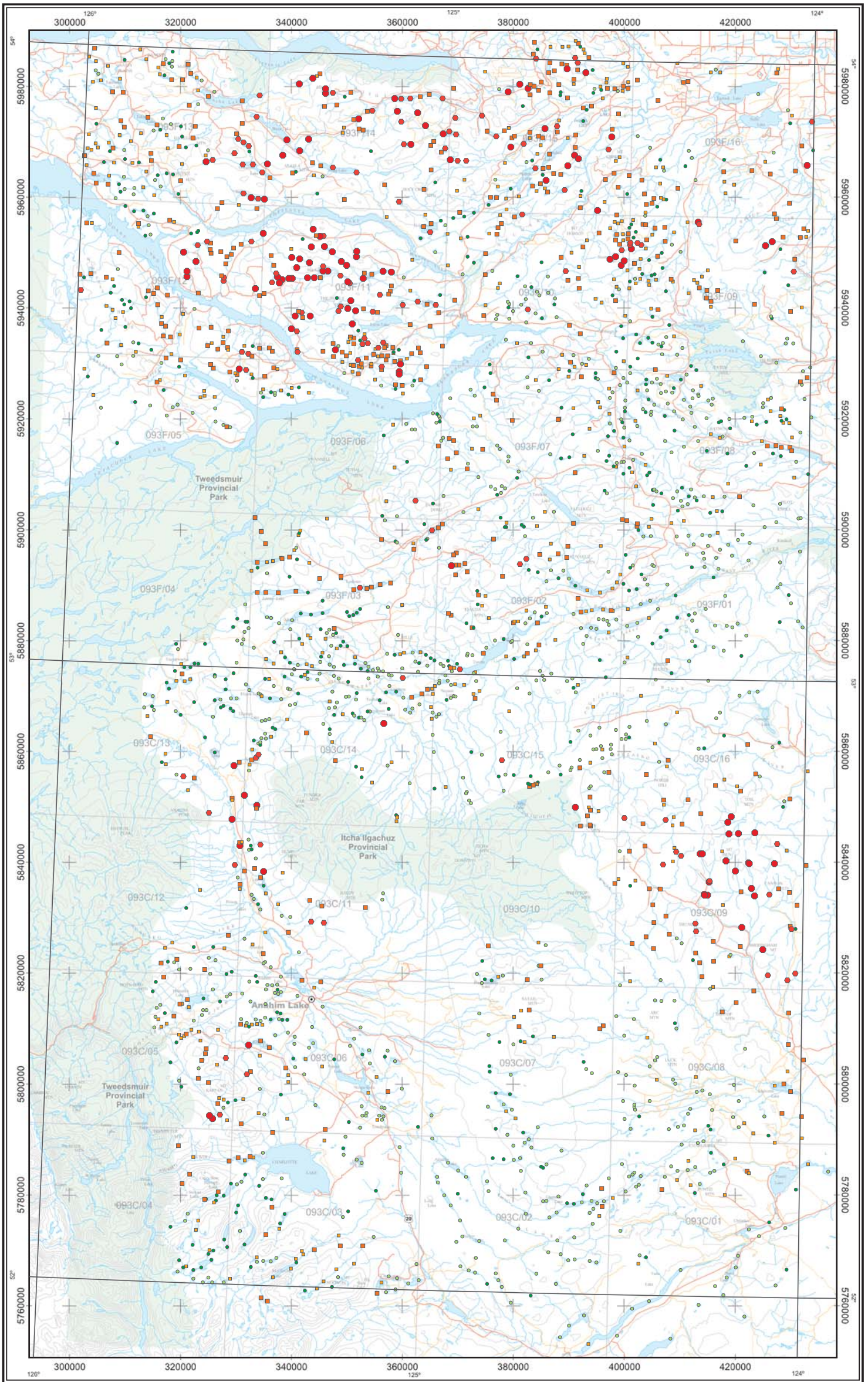
Terbium (Tb)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Tb	Mean - 0.53
Units - ppm	Median - 0.5
DL - 0.5	Mode - 0.25
Method - INAA	Range - 2.95
N - 2414	SD - 0.38
N>DL - 905	CV - 0.715



Concentration	Percentile	Count
30.0	MAX	n = 119
7.5	95TH	n = 116
5.8	90TH	n = 488
3.2	70TH	n = 463
1.9	50TH	n = 450
1.1	30TH	n = 778
<0.2	MIN	

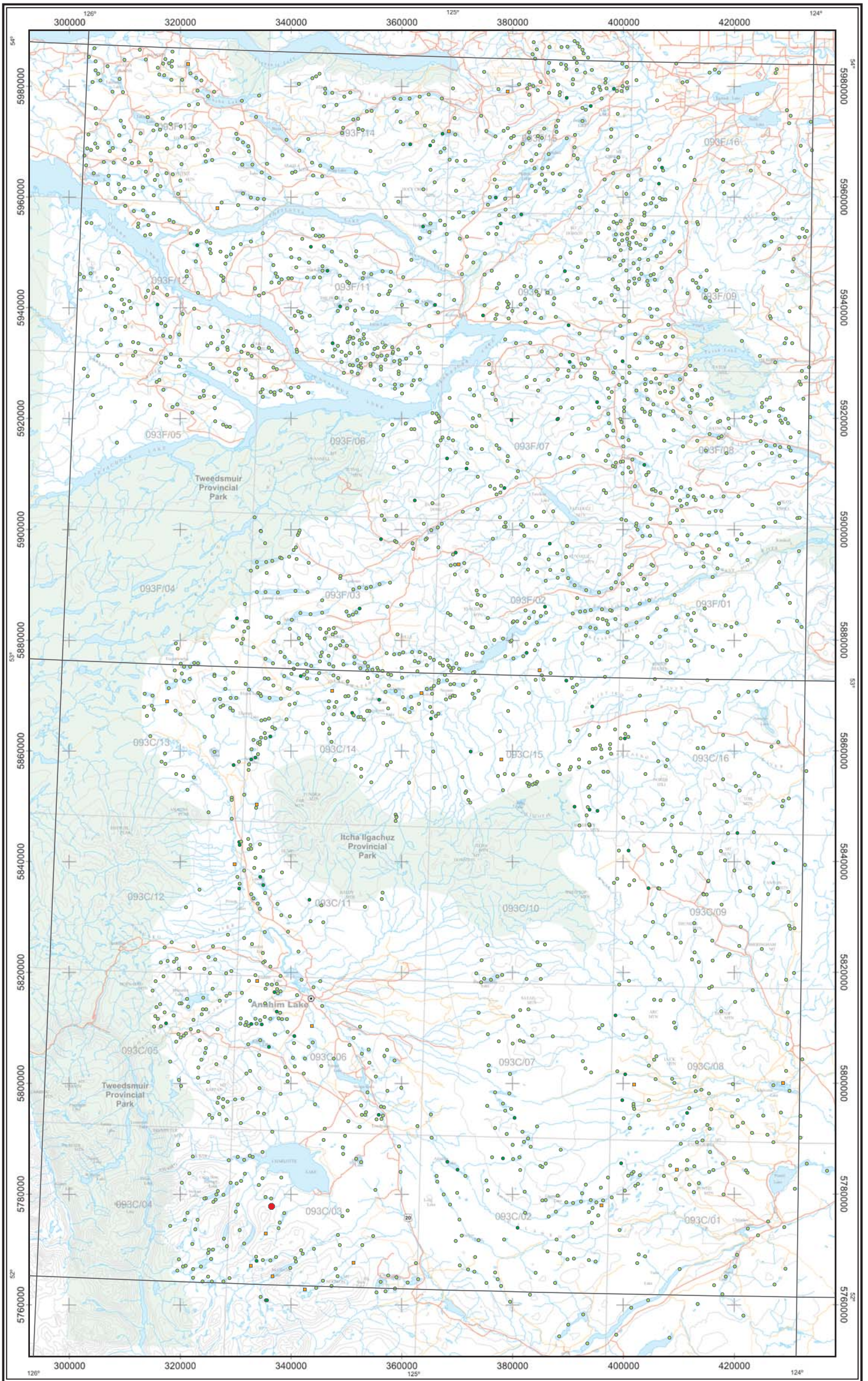
Thorium (Th)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - Th	Mean - 2.63
Units - ppm	Median - 0.1
DL - 0.2	Mode - 0.1
Method - INAA	Range - 29.9
N - 2414	SD - 2.41
N>DL - 2268	CV - 0.919



Concentration	Percentile	Count
24	MAX	n = 1
4	99.75TH	n = 23
2	99TH	n = 86
1	95TH	n = 2304
<1	MIN	

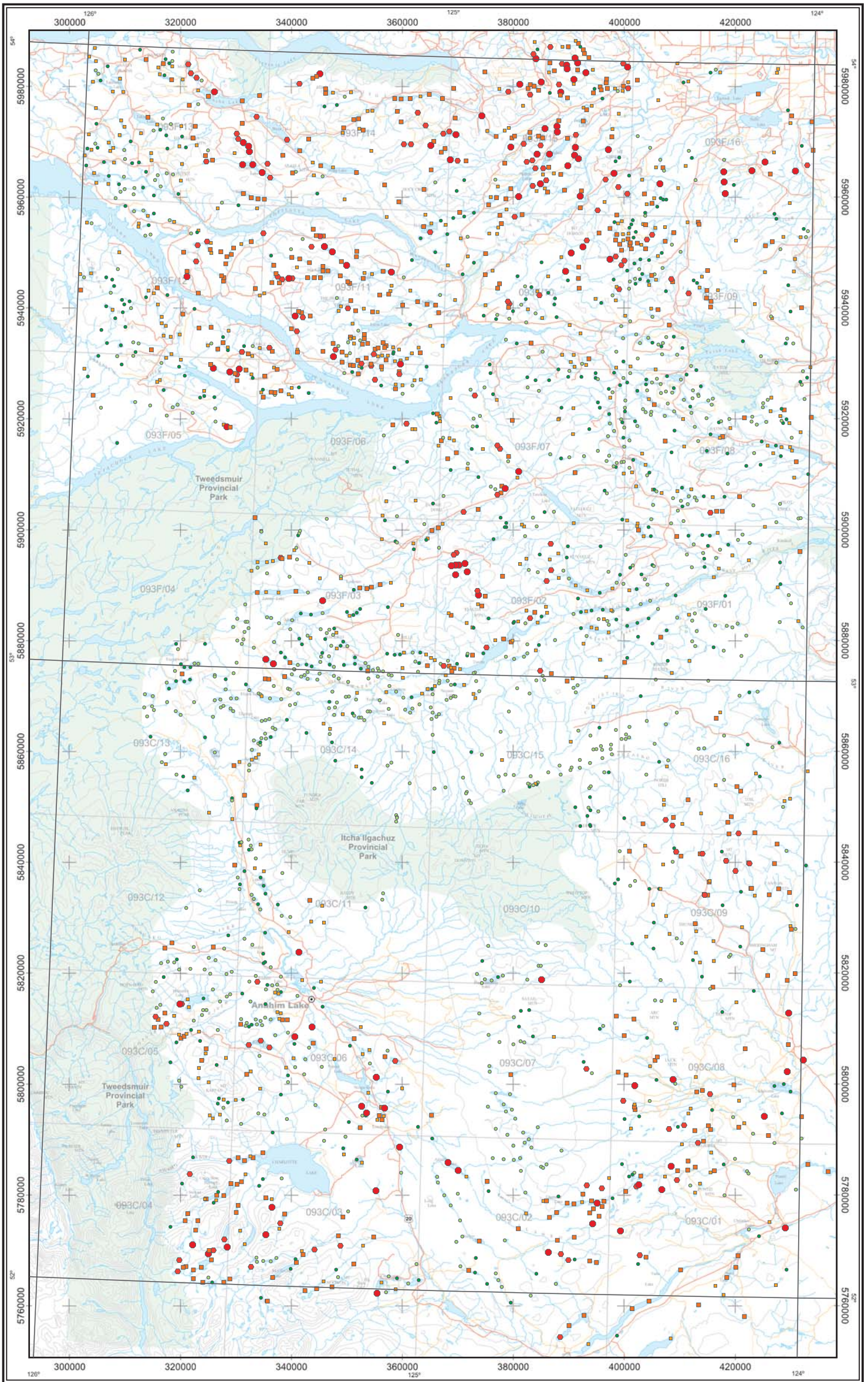
Tungsten (W)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - W	Mean -	0.72
Units - ppm	Median -	0.5
DL - 1	Mode -	0.5
Method - INAA	Range -	23.5
N - 2414	SD -	0.63
N>DL - 110	CV -	0.88



Concentration	Percentile	Count
348.0	MAX	n = 106
12.0	95TH	n = 134
7.8	90TH	n = 467
3.8	70TH	n = 496
2.2	50TH	n = 476
1.3	30TH	n = 735
<0.2	MIN	

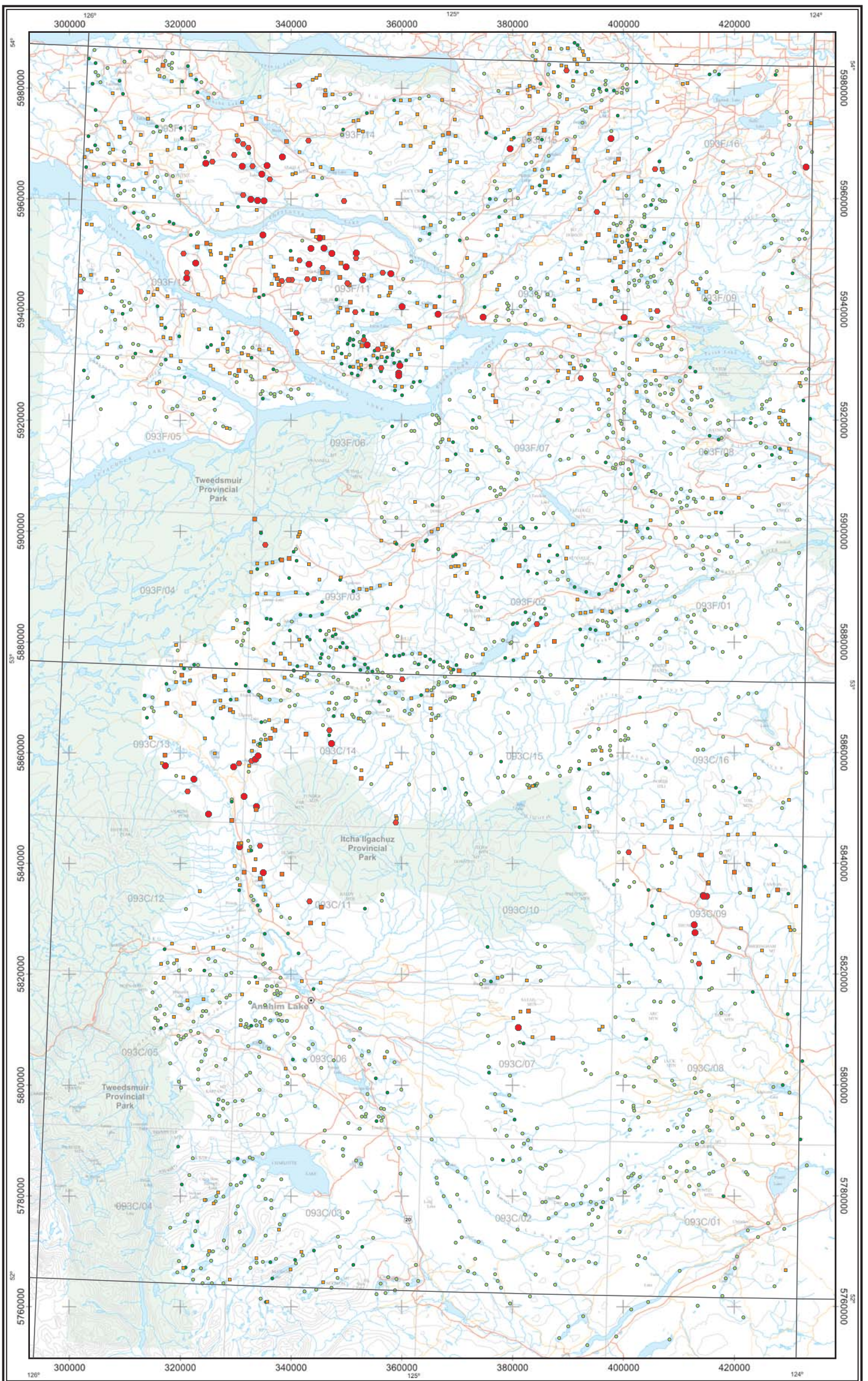
Uranium (U)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - U	Mean -	3.99
Units - ppm	Median -	2.2
DL - 0.2	Mode -	0.5
Method - INAA	Range -	347.9
N - 2414	SD -	9.46
N>DL - 2346	CV -	2.374



Concentration	Percentile	Count
10.0	MAX	n = 48
6.5	98TH	n = 46
5.0	95TH	n = 82
4.0	90TH	n = 546
2.4	70TH	n = 367
1	50TH	n = 1325
<1	MIN	

Ytterbium (Yb)

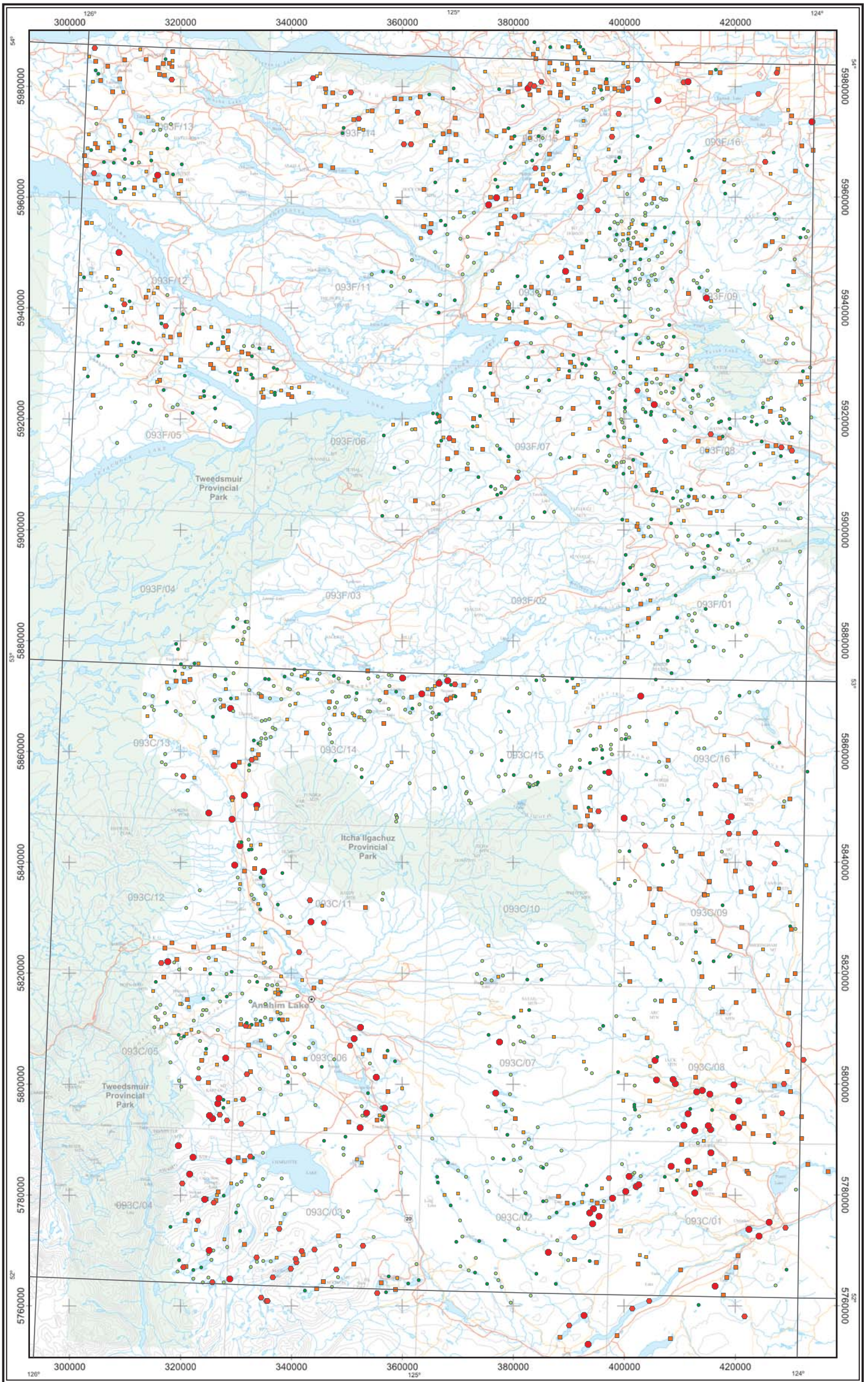
Central British Columbia

(NTS 93C and 93F)



Data Summary

Variable - Yb	Mean -	1.98
Units - ppm	Median -	1
DL - 2	Mode -	1
Method - INAA	Range -	9.8
N - 2414	SD -	1.48
N>DL - 760	CV -	0.747



Concentration	Percentile	Count
1710	MAX	n = 88
320	95TH	n = 98
260	90TH	n = 349
170	70TH	n = 359
120	50TH	n = 418
80	30TH	n = 641
<10	MIN	

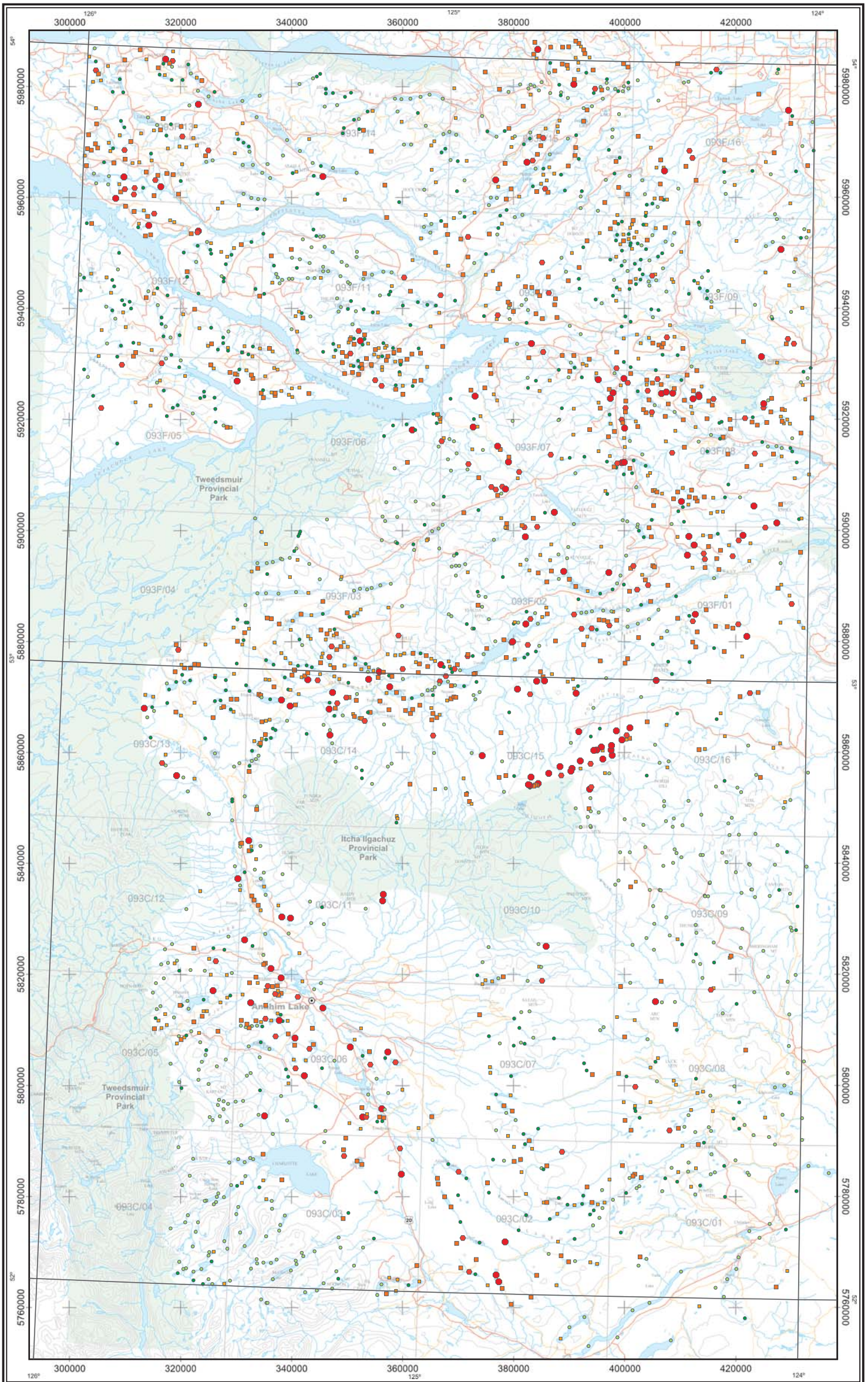
Fluorine (F)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - F	Mean - 146.2
Units - ppm	Median - 120
DL - 10	Mode - 90
Method - ION	Range - 1705
N - 1953	SD - 140.01
N>DL - 1928	CV - 0.958



Concentration	Percentile	Count
96.1	MAX	n = 119
80.2	95TH	n = 118
74.9	90TH	n = 486
60.0	70TH	n = 482
48.5	50TH	n = 485
36.2	30TH	n = 724
1.4	MIN	

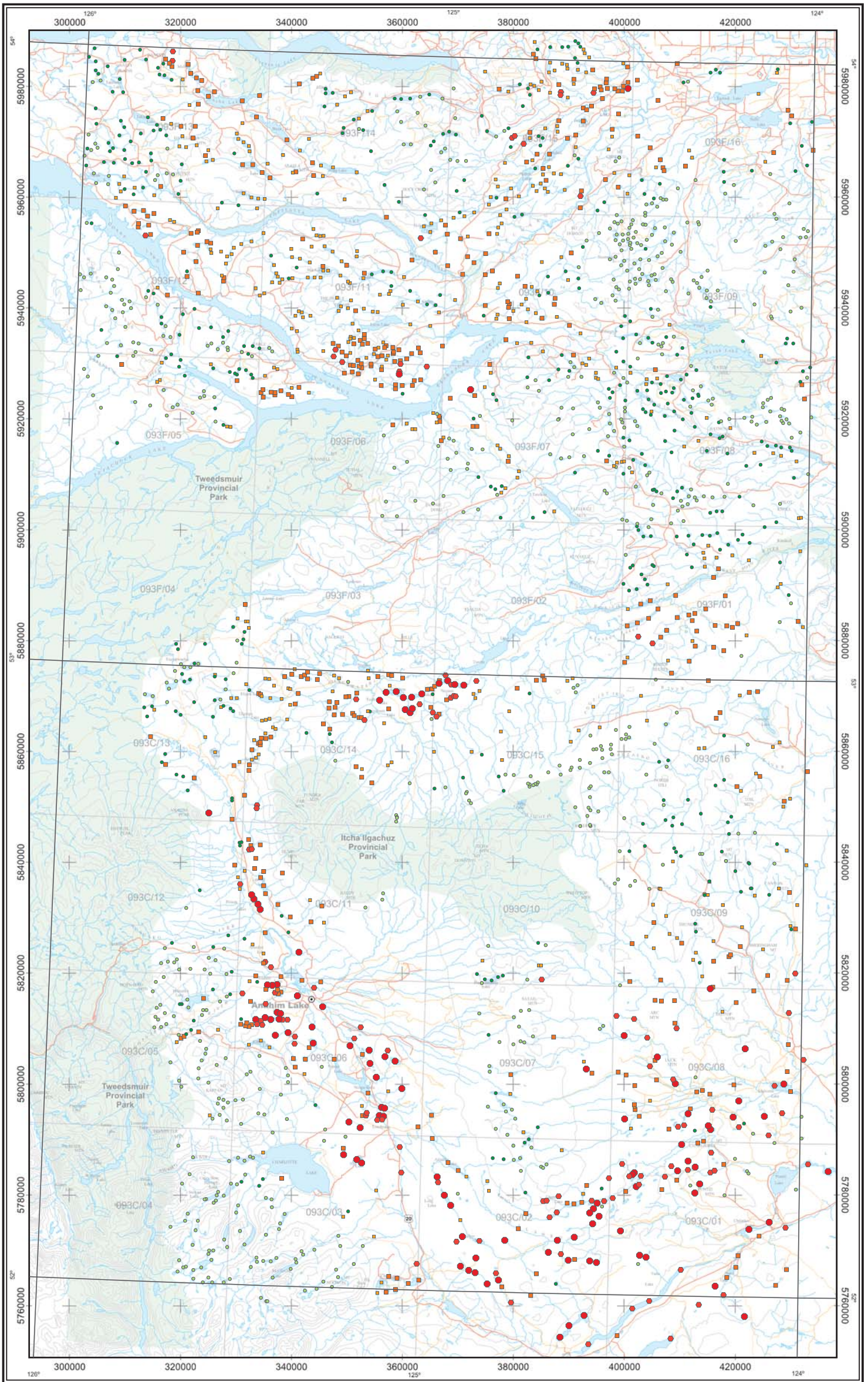
Loss on Ignition (LOI)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - LOI	Mean - 47.66
Units - %	Median - 48.5
DL - 0.1	Mode - 42.8
Method - GRAV	Range - 94.7
N - 2414	SD - 20.56
N>DL - 2414	CV - 0.431



Concentration	Percentile	Count
9632	MAX	n = 109
334	95TH	n = 109
217	90TH	n = 428
98	70TH	n = 433
68	50TH	n = 443
41	30TH	n = 892
<20	MIN	

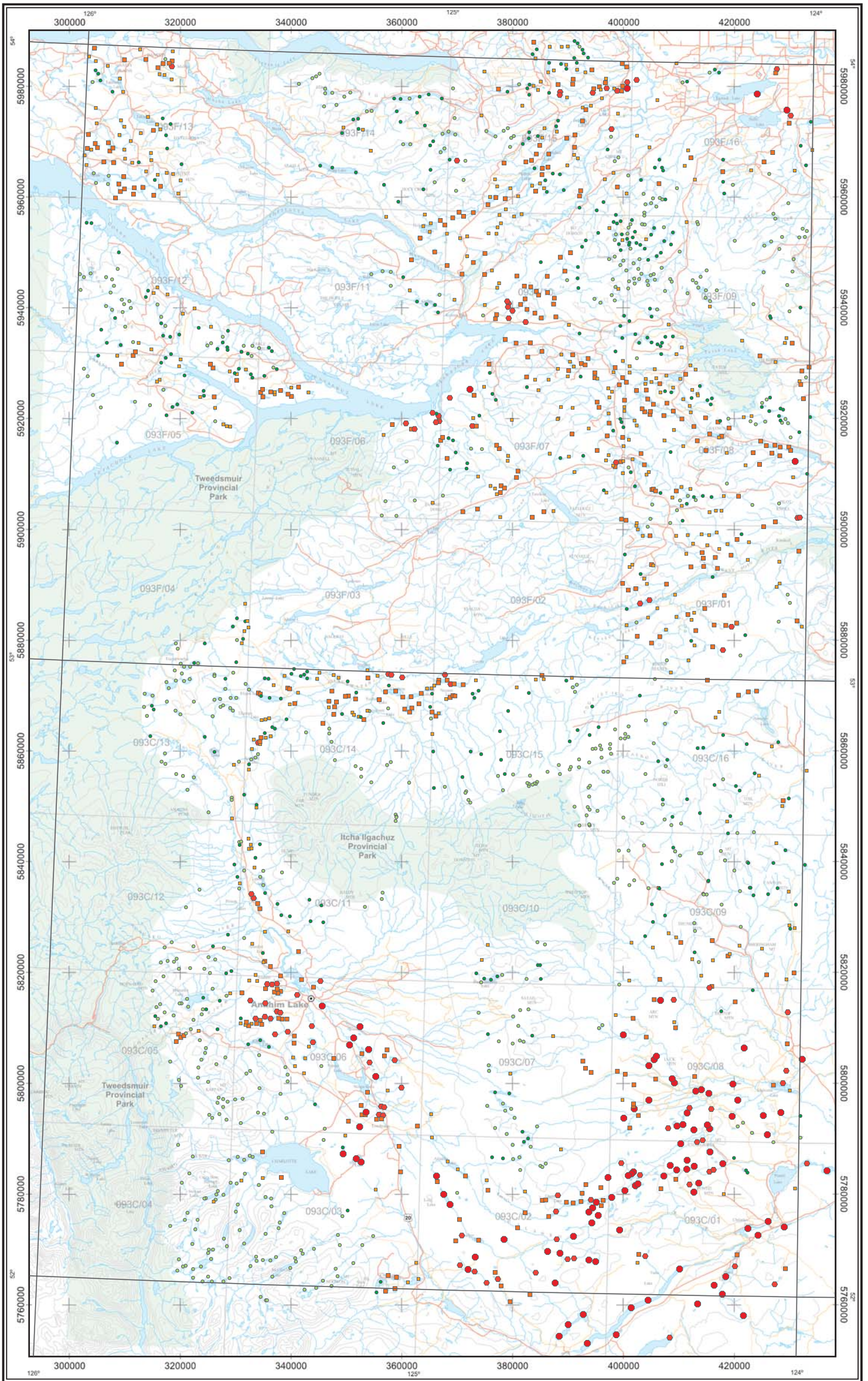
Fluoride (FW)

Central British Columbia
(NTS 93C and 93F)



Data Summary

Variable - FW	Mean -	114.1
Units - ppb	Median -	68
DL - 20	Mode -	10
Method - ION	Range -	9622
N - 2177	SD -	308.27
N>DL - 1910	CV -	2.701



Concentration	Percentile	Count
3999	MAX	n = 98
489	95TH	n = 96
332	90TH	n = 387
177	70TH	n = 392
115	50TH	n = 389
71	30TH	n = 1052
1	MIN	

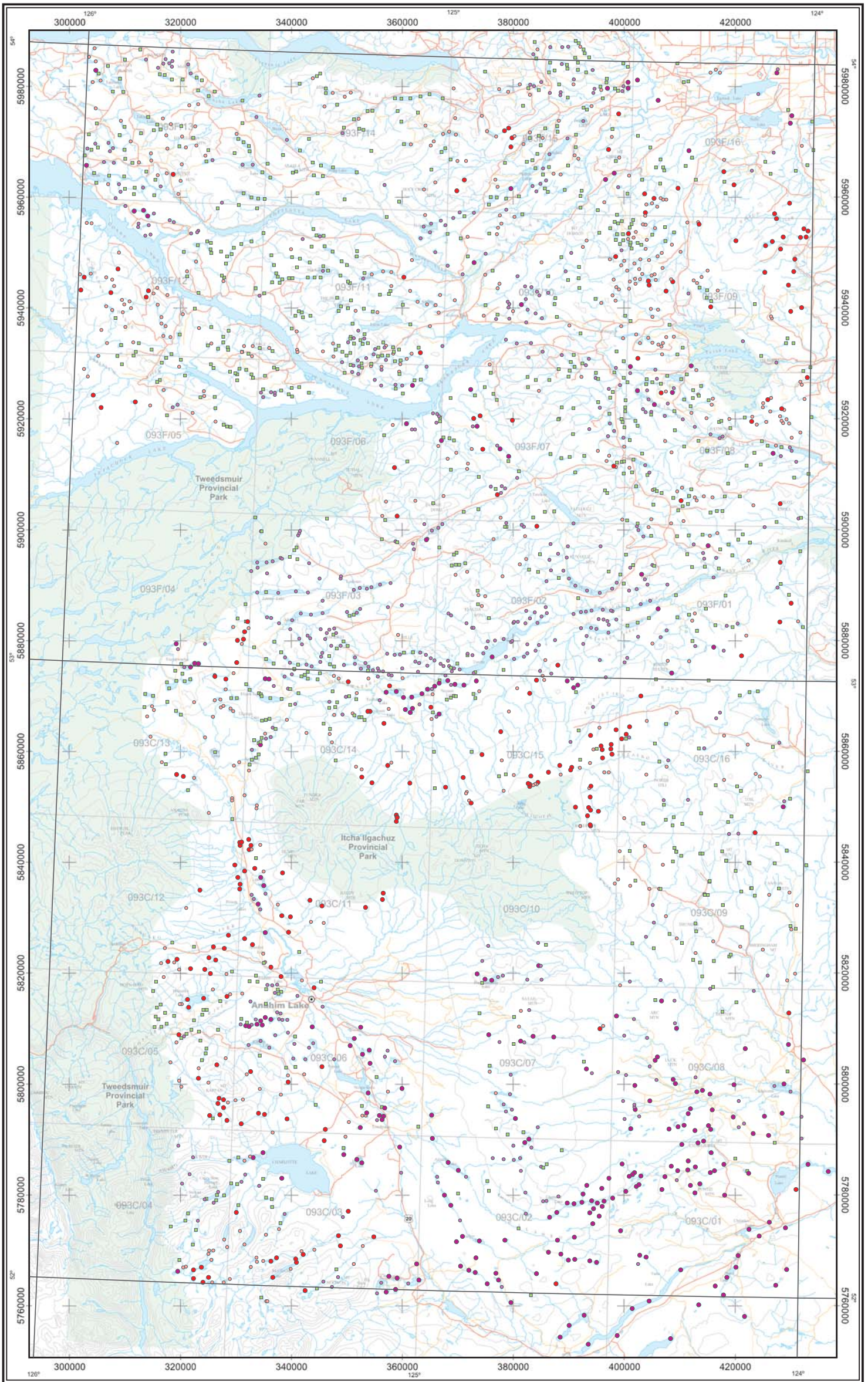
Conductivity (CND)

Central British Columbia
(NTS 93C and 93F)

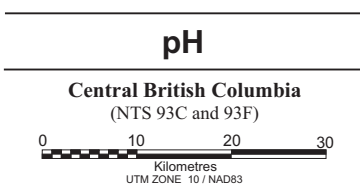


Data Summary

Variable - CND	Mean - 202
Units - uS	Median - 115
DL - 1	Mode - 1
Method - ISE	Range - 3998
N - 1953	SD - 416.22
N>DL - 1933	CV - 2.061



Concentration	Percentile	Count
10.0	MAX	n = 173
8.9	90 TH	n = 512
7.9	70 TH	n = 903
7.4	30 TH	n = 576
6.9	10 TH	n = 250
5.8	MIN	



Data Summary		
Variable - pH	Mean -	7.68
Units -	Median -	7.6
DL - 0.1	Mode -	7.9
Method - ISE	Range -	4.2
N - 2414	SD -	0.71
N>DL - 2414	CV -	0.092