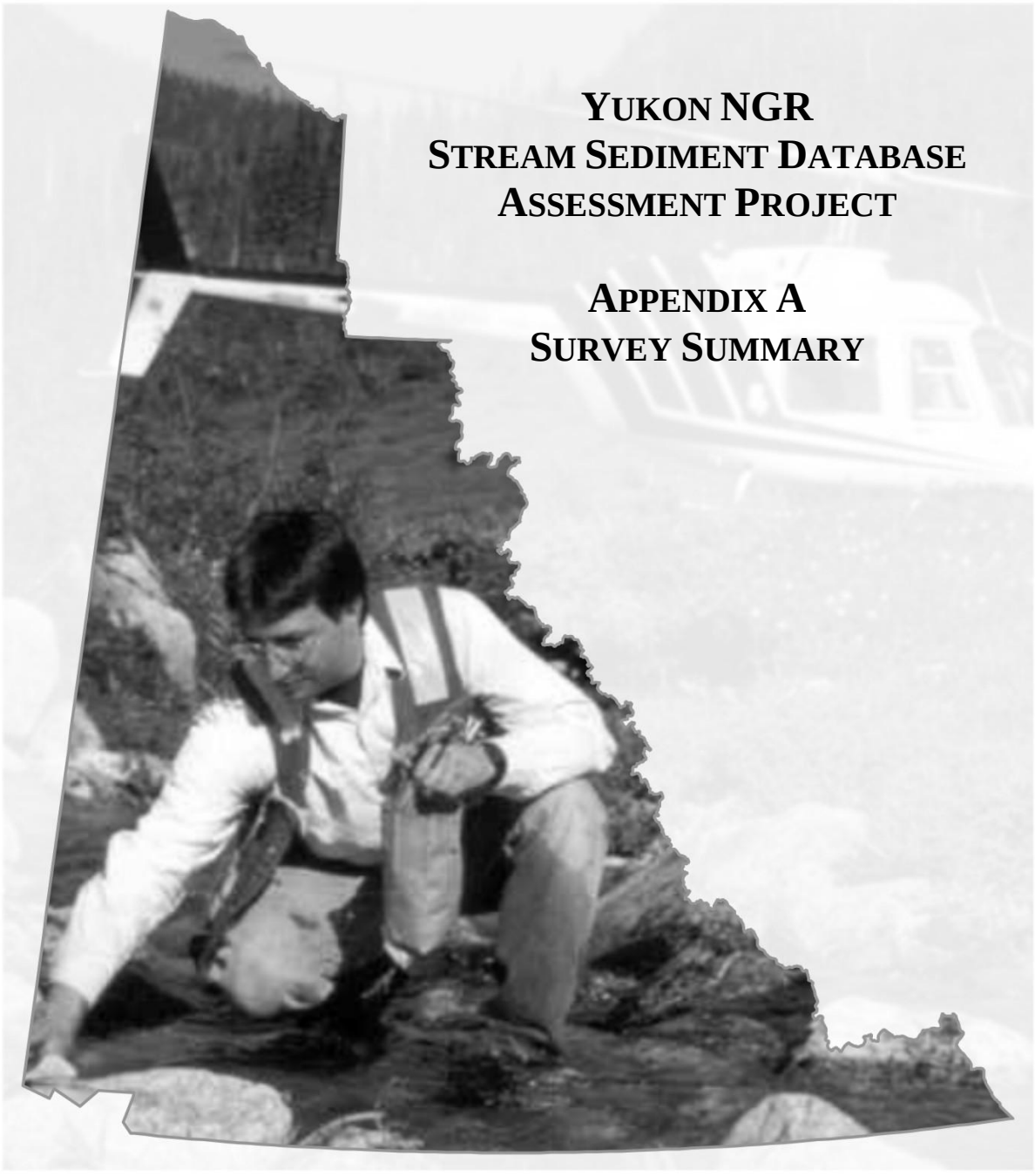


YUKON NGR
STREAM SEDIMENT DATABASE ASSESSMENT PROJECT

APPENDIX A
SURVEY SUMMARY

April 2010

Yukon NGR Survey Summary …

CURRENT OPEN FILE	YGS OPEN FILE	PREVIOUS OPEN FILE(S)	SURVEY YEAR	NTS MAPSHEETS COVERED	NAME	SAMPLE SITES	SURVEY AREA	SURVEY DENSITY
OF 0419			1976	106E	EAGLE PLAINS	121	2568	21.22
OF 0565			1978	117A,B,C,D	FAR NORTH	1860	20412	10.97
OF 1217			1985	105C	TESLIN	865	12246	14.16
OF 1218			1985	105D	WHITEHORSE	1003	12246	12.21
OF 1219			1985	115H	AISHIHIK LAKE	934	11869	12.71
OF 1220			1985	115I	CARMACKS	951	11487	12.08
OF 1289			1978	105B	WOLF LAKE	959	12246	12.77
OF 1290			1978	105F	QUIET LAKE	877	11869	13.53
OF 1362			1986	115G,F	KLUANE LAKE	1005	14022	13.95
OF 1363			1986	115J,K	STEVENSON RIDGE	1305	17280	13.24
OF 1364			1986	115O,N	STEWART RIVER	1392	16704	12.00
OF 1650			1987	115P	MCQUESTON	841	11103	13.20
OF 1960			1988	105E	LAKE LABERGE	908	11869	13.07
OF 1961			1988	105K,L	GLENLYON	1378	17230	12.50
OF 1962			1987	105M	MAYO	861	11103	12.90
OF 2174			1989	105K	TAY RIVER	467	5743	12.30
OF 2175		419 & 518	1976,77	106C,D,E,F	NASH CK	2058	24012	11.67
OF 2176		418, 419 & 518	1976,77	116A,H	LARSEN CK	1218	16008	13.14
OF 2364			1990	105O,P	NIDDERY LAKE	957	11152	11.65
OF 2365		418 & 520	1976,77	116B,C,F,G	DAWSON	1738	24012	13.82
OF 2859			1993	115A,B	DEZADEASH RANGE	623	8382	13.45
OF 3293			1995	095D,105A	WATSON LK	1117	17664	15.81
OF 5319	2006-17		2004	116J,K,N,O,P,117B	OLD CROW	655	10387	15.86
OF 5329	2006-18		2005	095E	FLAT RIVER	171	3187	18.64
OF 5694	2008-04	2173	1989	105J	SHELDON LAKE	886	11487	12.97
OF 5695	2008-02		2006	116F,G,K	OGILVIE RIVER	355	5398	15.21
OF 5696	2008-03	1648	1987	105G	FINLAYSON LAKE	914	11869	12.99
OF 6043	2009-01	1649	1987	105H	FRANCES LAKE	899	11869	13.20
OF 6271	2009-26	4016	1981	105I	LITTLE NAHAHANNI	323	3780	11.70
OF 6272	2009-27	2363	1990	105N	LANSING RIVER	783	11103	14.18
OF EP00	Héon (2003)		2000	106E,116G,H,I,J,O,P	EAGLE PLAINS	753	14329	19.03
OF EP76	Héon (2003)	420	1976	106L,116H,I	EAGLE PLAINS	609	7446	12.23
OF EP95	Héon (2003)		1995	106E,L,116I	EAGLE PLAINS	304	4403	14.48
OF NE01	Héon (2003)		2001	106B,C,E,F,L,K	NORTHEAST	1296	19902	15.36
					TOTAL	31386	416387	13.27

Abbreviations …

AAS..... atomic absorption spectrometry

AASCV ..... cold vapour (flameless) atomic absorption spectrometry

AASH ..... hydride evolution atomic absorption spectrometry

COL..... colorimetry

NADNC..... neutron activation, delayed neutron counting

FANA ..... fire assay, neutron activation

ISE ..... ion selective electrode

LIF ..... laser-induced fluorescence

FUS..... NH_4I fusion

GCM ..... glass Calomel electrode and pH meter

GRAV..... gravimetry

INAA..... instrumental neutron activation analysis

ICPMS..... inductively coupled plasma mass spectrometry

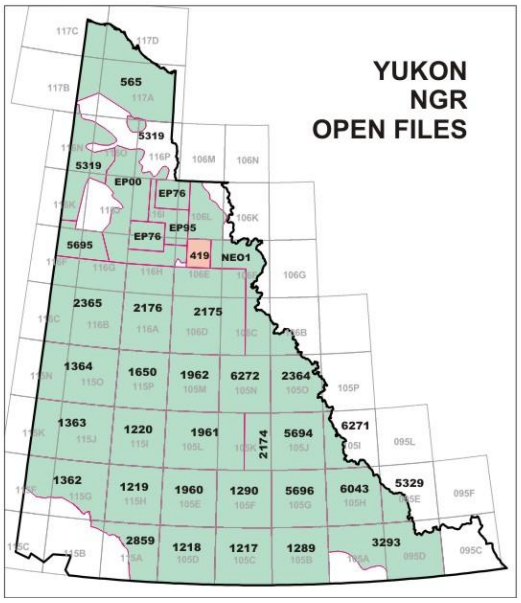
PPM ..... part per million

PPB..... parts per billion

PCT..... percent

Refer to original Open File PDF files for specific details on analytical work.

Open File 0419 – Eagle Plains



Collection Year:	1976
NTS Coverage:	106E
Sample Sites:	121
Survey Area:	2,568 km^2
Site Density:	1 site in 21 km^2
Reanalysis:	INAA in 1990
Previous OFs	NONE

Analytical Summary (stream sediments)

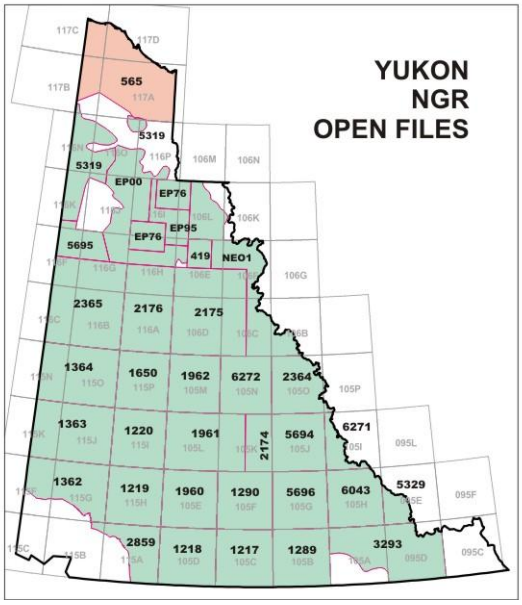
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Chemex	Cs	INAA	0.5	ppm	Bondar
Ba	AAS	40	ppm	Chemex	Eu	INAA	1	ppm	Bondar
Co	AAS	2	ppm	Chemex	Fe	INAA	0.2	pct	Bondar
Cu	AAS	2	ppm	Chemex	Hf	INAA	1	ppm	Bondar
Fe	AAS	0.02	pct	Chemex	La	INAA	2	ppm	Bondar
Mn	AAS	5	ppm	Chemex	Lu	INAA	0.2	ppm	Bondar
Mo	AAS	2	ppm	Chemex	Mo	INAA	1	ppm	Bondar
Ni	AAS	2	ppm	Chemex	Na	INAA	0.02	pct	Bondar
Pb	AAS	2	ppm	Chemex	Ni	INAA	10	ppm	Bondar
U	NADNC	0.2	ppm	AEC	Rb	INAA	5	ppm	Bondar
W	COL	4	ppm	Chemex	Sb	INAA	0.1	ppm	Bondar
Zn	AAS	2	ppm	Chemex	Sc	INAA	0.2	ppm	Bondar
As	INAA	0.5	ppm	Bondar	Sm	INAA	0.1	ppm	Bondar
Au	INAA	2	ppb	Bondar	Ta	INAA	0.5	ppm	Bondar
Ba	INAA	50	ppm	Bondar	Tb	INAA	0.5	ppm	Bondar
Br	INAA	0.5	ppm	Bondar	Th	INAA	0.2	ppm	Bondar
Ce	INAA	5	ppm	Bondar	U	INAA	0.2	ppm	Bondar
Co	INAA	5	ppm	Bondar	W	INAA	1	ppm	Bondar
Cr	INAA	20	ppm	Bondar	Yb	INAA	2	ppm	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 0565 – Far North

Collection Year:	1978
NTS Coverage:	117A, B, C, D
Sample Sites:	1,860
Survey Area:	20,412 km^2
Site Density:	1 site in 11 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

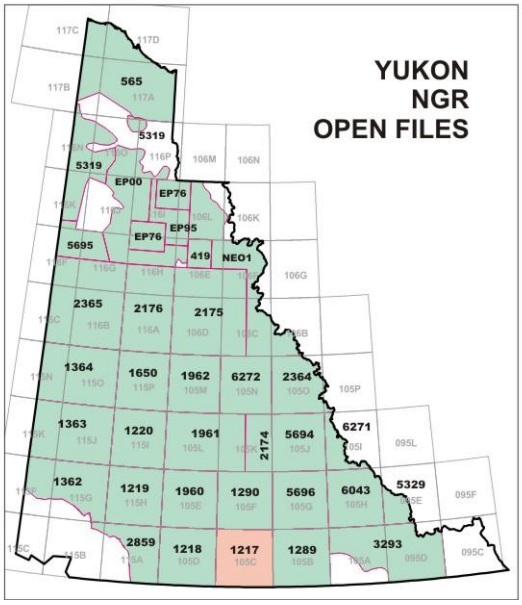
Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Chemex
Ba	AAS	40	ppm	Chemex
Co	AAS	2	ppm	Chemex
Cu	AAS	2	ppm	Chemex
Fe	AAS	0.02	pct	Chemex
Mn	AAS	5	ppm	Chemex
Mo	AAS	2	ppm	Chemex
Ni	AAS	2	ppm	Chemex
Pb	AAS	2	ppm	Chemex
U	NADNC	0.2	ppm	AEC
W	COL	4	ppm	Chemex
Zn	AAS	2	ppm	Chemex

Notes:

- Yukon/NWT survey
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 1217 - Teslin

Collection Year:	1985
NTS Coverage:	105C
Sample Sites:	865
Survey Area:	12,246 km^2
Site Density:	1 site in 14 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

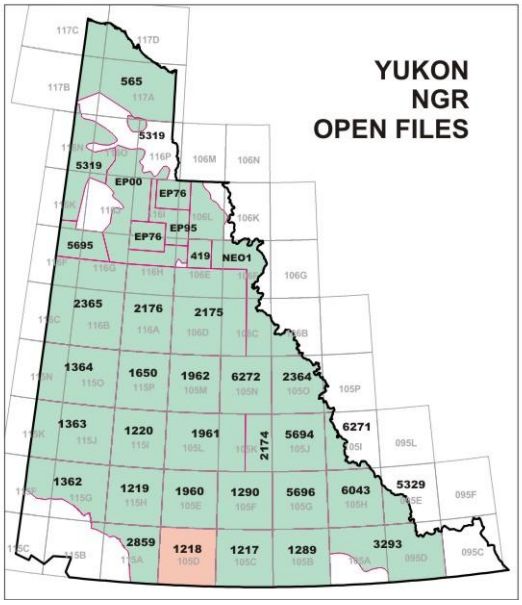
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn	AAS-H	1	ppm	Barringer
Cd	AAS	0.2	ppm	Barringer	U	NADNC	0.5	ppm	Barringer
Co	AAS	2	ppm	Barringer	V	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	2	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1218 - Whitehorse

Collection Year:	1985
NTS Coverage:	105D
Sample Sites:	1003
Survey Area:	12,246 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

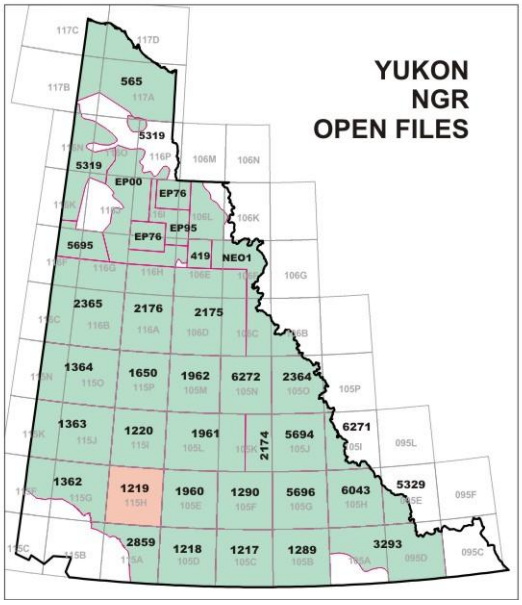
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn	AAS-H	1	ppm	Barringer
Cd	AAS	0.2	ppm	Barringer	U	NADNC	0.5	ppm	Barringer
Co	AAS	2	ppm	Barringer	V	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	2	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1219 – Aishihik Lk

Collection Year:	1985
NTS Coverage:	115H
Sample Sites:	934
Survey Area:	11,869 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

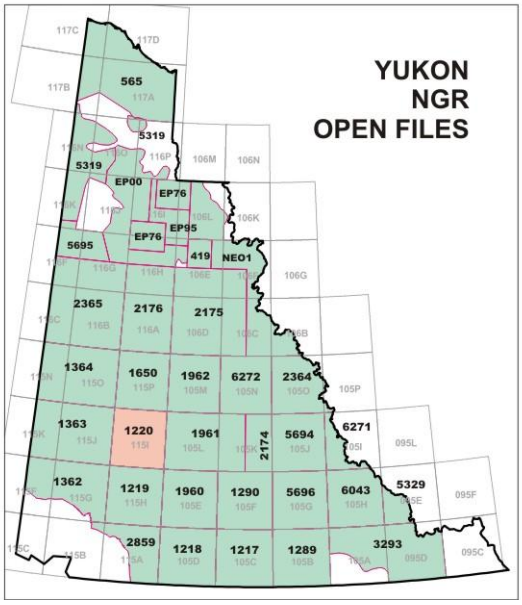
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn	AAS-H	1	ppm	Barringer
Cd	AAS	0.2	ppm	Barringer	U	NADNC	0.5	ppm	Barringer
Co	AAS	2	ppm	Barringer	V	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	2	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1220 - Carmacks

Collection Year:	1985
NTS Coverage:	115I
Sample Sites:	934
Survey Area:	11,487 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

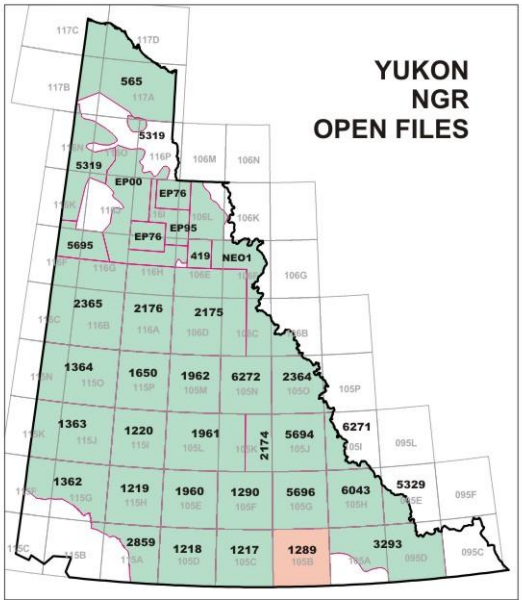
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn	AAS-H	1	ppm	Barringer
Cd	AAS	0.2	ppm	Barringer	U	NADNC	0.5	ppm	Barringer
Co	AAS	2	ppm	Barringer	V	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	2	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1289 – Wolf Lk

Collection Year:	1978
NTS Coverage:	105B
Sample Sites:	959
Survey Area:	12,246 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	AAS upgrade in 1985
Previous OFs	0563



Analytical Summary (stream sediments)

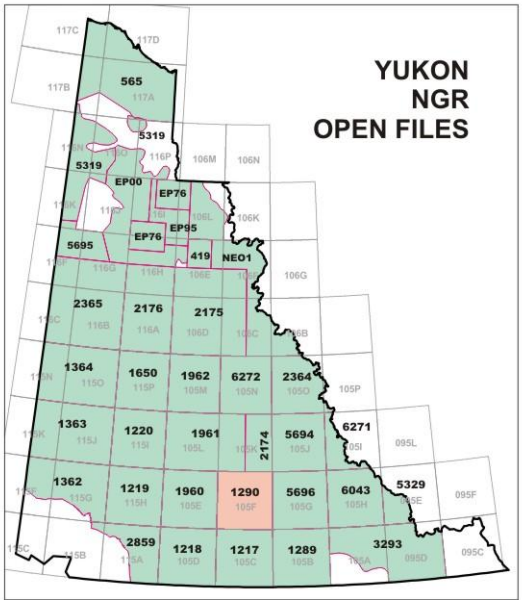
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As*	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au*	FA-NA	1	ppb	Chemex	Sb*	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn*	AAS-H	1	ppm	Barringer
Cd*	AAS	0.2	ppm	Barringer	U	NADNC	0.2	ppm	AEC
Co	AAS	2	ppm	Barringer	V*	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	4	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg*	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F *	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI*	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- * 1985 reanalysis
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1290 – Quiet Lk

Collection Year:	1978
NTS Coverage:	105F
Sample Sites:	877
Survey Area:	11,869 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	1985
Previous OFs	0564



Analytical Summary (stream sediments)

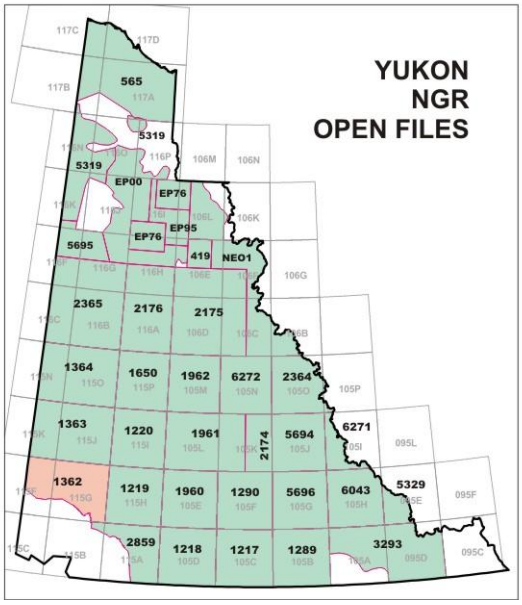
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Barringer	Ni	AAS	2	ppm	Barringer
As*	AAS-H	1.0	ppm	Barringer	Pb	AAS	2	ppm	Barringer
Au*	FA-NA	1	ppb	Chemex	Sb*	AAS-H	0.2	ppm	Barringer
Ba	AAS	40	ppm	Barringer	Sn*	AAS-H	1	ppm	Barringer
Cd*	AAS	0.2	ppm	Barringer	U	NADNC	0.2	ppm	AEC
Co	AAS	2	ppm	Barringer	V*	AAS	5	ppm	Barringer
Cu	AAS	2	ppm	Barringer	W	COL	4	ppm	Barringer
Fe	AAS	0.02	pct	Barringer	Zn	AAS	2	ppm	Barringer
Hg*	AAS-CV	10	ppb	Barringer					
Mn	AAS	5	ppm	Barringer	F *	ISE	40	ppm	Barringer
Mo	AAS	2	ppm	Barringer	LOI*	GRAV	1	pct	Barringer

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- * 1985 reanalysis
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1362 – Kluane Lk

Collection Year:	1986
NTS Coverage:	115F, G
Sample Sites:	1005
Survey Area:	14,022 km^2
Site Density:	1 site in 14 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

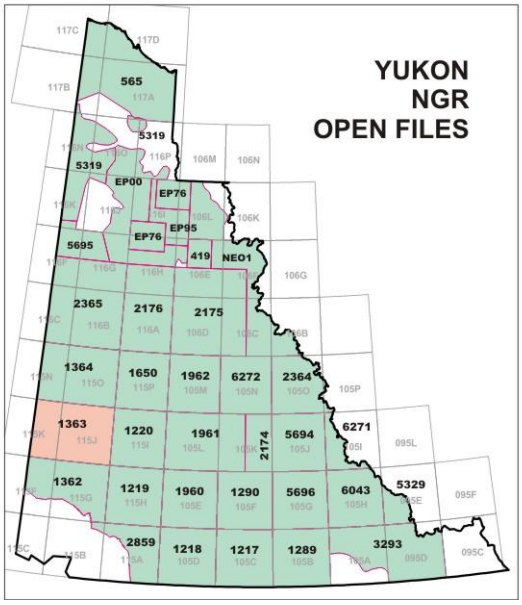
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	AAS	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	AEC
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	40	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1363 - Stevenson

Collection Year:	1986
NTS Coverage:	115J, K
Sample Sites:	1305
Survey Area:	17,280 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

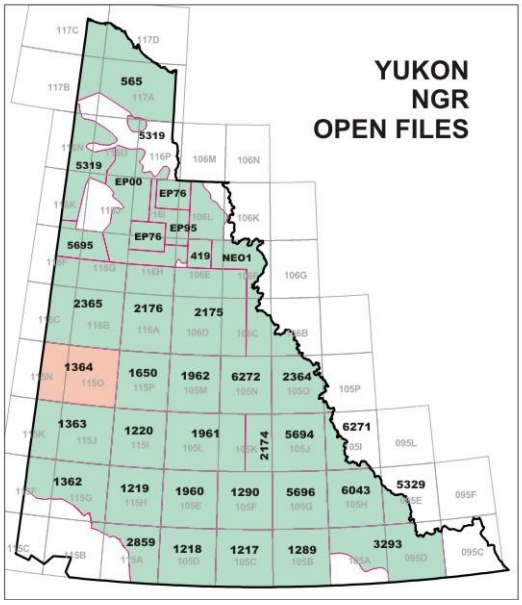
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	AAS	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	AEC
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	40	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1364 – Stewart R

Collection Year:	1986
NTS Coverage:	115N, O
Sample Sites:	1392
Survey Area:	16,704 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

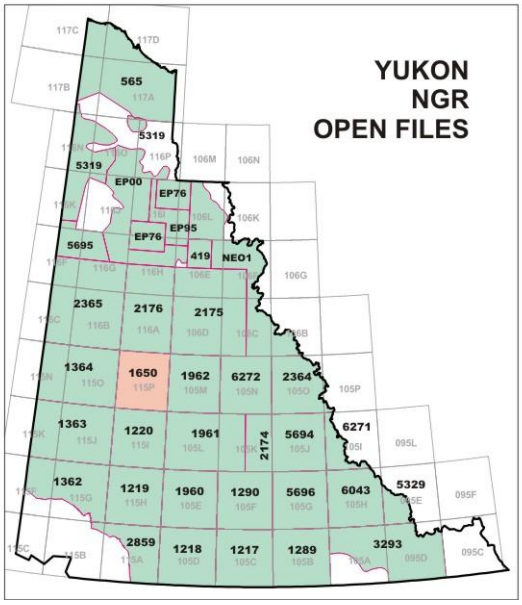
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	AAS	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	AEC
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	40	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1650 - McQueston

Collection Year:	1987
NTS Coverage:	115P
Sample Sites:	841
Survey Area:	11,103 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

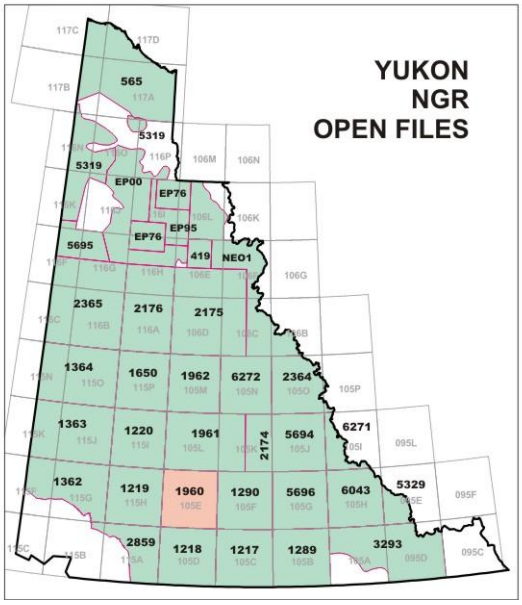
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	20	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1960 – Lk Laberge

Collection Year:	1988
NTS Coverage:	105E
Sample Sites:	908
Survey Area:	11,869 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

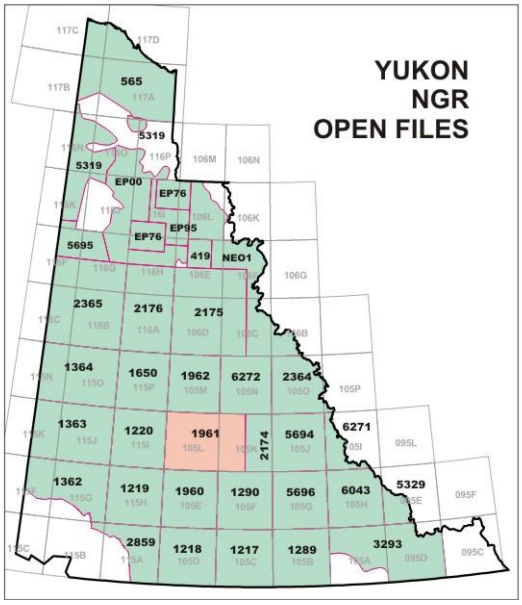
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	20	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1961 - Glenyon

Collection Year:	1988
NTS Coverage:	105K, L
Sample Sites:	1,378
Survey Area:	17,230 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

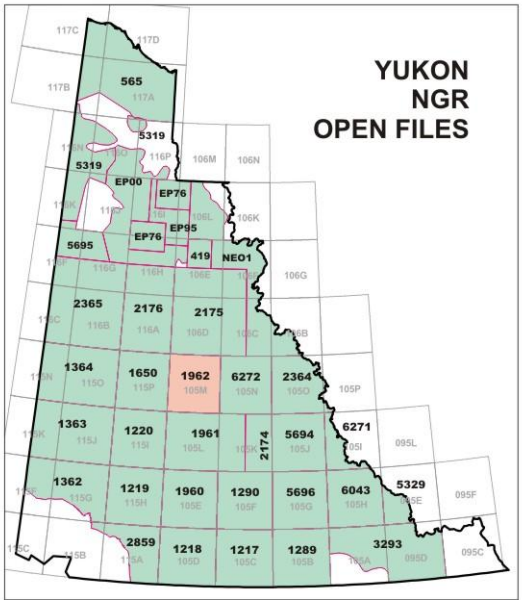
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	20	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 1962 - Mayo

Collection Year:	1987
NTS Coverage:	105M
Sample Sites:	861
Survey Area:	11,103 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	Se and Bi
Previous OFs	NONE



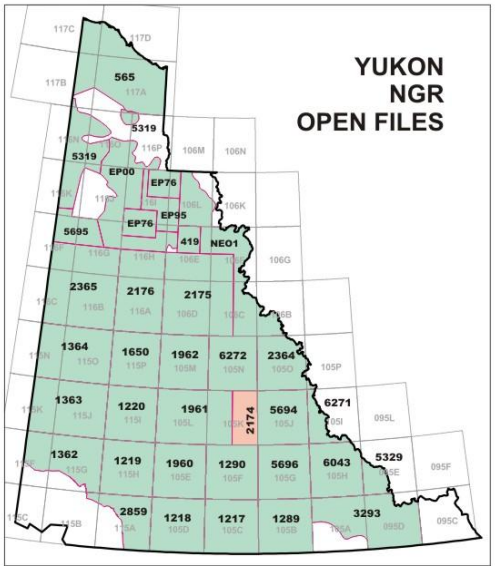
Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Se	AAS	0.2	ppm	Bondar
Bi	AAS	0.2	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar					
Mn	AAS	5	ppm	Bondar	F	ISE	20	ppm	Bondar
Mo	AAS	2	ppm	Bondar	LOI	GRAV	1	pct	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Se and Bi added to database but not noted in Open File text
- Less than DL reported as ½ DL
- Au DL: 1ppb for 10 g sample, 2ppb for 5g and no data for < 5g
- Includes pH, F and U in water

Open File 2174 - Tay R



Collection Year:	1989
NTS Coverage:	105K
Sample Sites:	467
Survey Area:	5,743 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	NONE
Previous OFs	NONE

Analytical Summary (stream sediments)

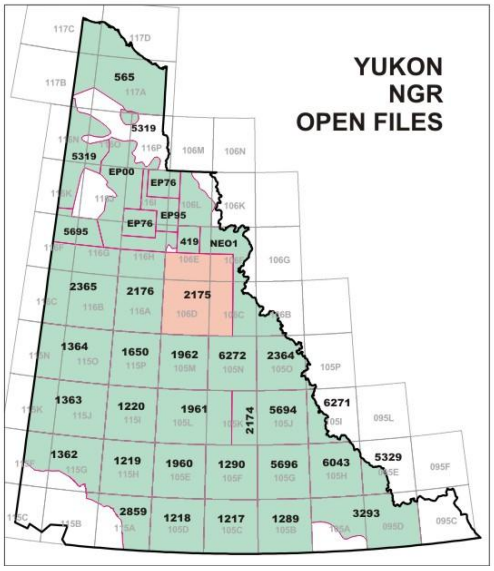
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ce	INAA	5	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Co	INAA	5	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	Cr	INAA	20	ppm	Bondar
Co	AAS	2	ppm	Bondar	Cs	INAA	0.5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	Eu	INAA	1	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Fe	INAA	0.2	pct	Bondar
Hg	AAS-CV	10	ppb	Bondar	Hf	INAA	1	ppm	Bondar
Mn	AAS	5	ppm	Bondar	La	INAA	2	ppm	Bondar
Mo	AAS	2	ppm	Bondar	Lu	INAA	0.2	ppm	Bondar
Ni	AAS	2	ppm	Bondar	Mo	INAA	1	ppm	Bondar
Pb	AAS	2	ppm	Bondar	Na	INAA	0.02	pct	Bondar
Sb	AAS-H	0.2	ppm	Bondar	Ni	INAA	10	ppm	Bondar
Sn	AAS-H	1	ppm	Bondar	Rb	INAA	5	ppm	Bondar
U	NADNC	0.5	ppm	Bondar	Sb	INAA	0.1	ppm	Bondar
V	AAS	5	ppm	Bondar	Sc	INAA	0.2	ppm	Bondar
Zn	AAS	2	ppm	Bondar	Sm	INAA	0.1	ppm	Bondar
F	ISE	20	ppm	Bondar	Ta	INAA	0.5	ppm	Bondar
LOI	GRAV	1	pct	Bondar	Tb	INAA	0.5	ppm	Bondar
As	INAA	0.5	ppm	Bondar	Th	INAA	0.2	ppm	Bondar
Au	INAA	2	ppb	Bondar	U	INAA	0.2	ppm	Bondar
Ba	INAA	50	ppm	Bondar	W	INAA	1	ppm	Bondar
Br	INAA	0.5	ppm	Bondar	Yb	INAA	2	ppm	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 2175 – Nash Ck

Collection Year:	1976 and 1977
NTS Coverage:	106C, D, E, F
Sample Sites:	2058
Survey Area:	24,012 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	INAA in 1990
Previous OFs	419 and 518



Analytical Summary (stream sediments)

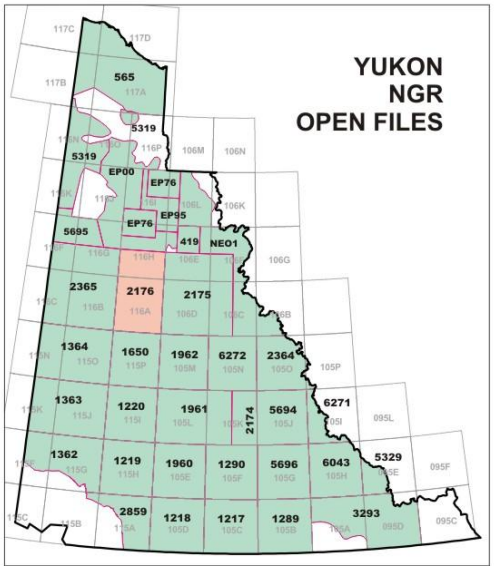
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Chemex	Cr	INAA	20	ppm	Bondar
Ba	AAS	40	ppm	Chemex	Cs	INAA	0.5	ppm	Bondar
Co	AAS	2	ppm	Chemex	Eu	INAA	1	ppm	Bondar
Cu	AAS	2	ppm	Chemex	Fe	INAA	0.2	pct	Bondar
Fe	AAS	0.02	pct	Chemex	Hf	INAA	1	ppm	Bondar
Hg	AAS-CV	10	ppb	Chemex	La	INAA	2	ppm	Bondar
Mn	AAS	5	ppm	Chemex	Lu	INAA	0.2	ppm	Bondar
Mo	AAS	2	ppm	Chemex	Mo	INAA	1	ppm	Bondar
Ni	AAS	2	ppm	Chemex	Na	INAA	0.02	pct	Bondar
Pb	AAS	2	ppm	Chemex	Ni	INAA	10	ppm	Bondar
U	NADNC	0.2	ppm	AEC	Rb	INAA	5	ppm	Bondar
W	COL	4	ppm	Chemex	Sb	INAA	0.1	ppm	Bondar
Zn	AAS	2	ppm	Chemex	Sc	INAA	0.2	ppm	Bondar
					Sm	INAA	0.1	ppm	Bondar
As	INAA	0.5	ppm	Bondar	Ta	INAA	0.5	ppm	Bondar
Au	INAA	2	ppb	Bondar	Tb	INAA	0.5	ppm	Bondar
Ba	INAA	50	ppm	Bondar	Th	INAA	0.2	ppm	Bondar
Br	INAA	0.5	ppm	Bondar	U	INAA	0.2	ppm	Bondar
Ce	INAA	5	ppm	Bondar	W	INAA	1	ppm	Bondar
Co	INAA	5	ppm	Bondar	Yb	INAA	2	ppm	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 2176 – Larsen Ck

Collection Year:	1976 and 1977
NTS Coverage:	116A, H
Sample Sites:	1218
Survey Area:	16,008 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	INAA in 1990
Previous OFs	418, 419 and 518



Analytical Summary (stream sediments)

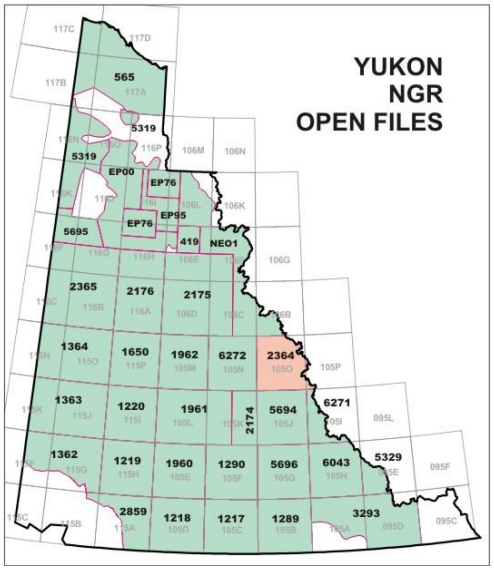
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Chemex	Cr	INAA	20	ppm	Bondar
Ba	AAS	40	ppm	Chemex	Cs	INAA	0.5	ppm	Bondar
Co	AAS	2	ppm	Chemex	Eu	INAA	1	ppm	Bondar
Cu	AAS	2	ppm	Chemex	Fe	INAA	0.2	pct	Bondar
Fe	AAS	0.02	pct	Chemex	Hf	INAA	1	ppm	Bondar
Hg	AAS-CV	10	ppb	Chemex	La	INAA	2	ppm	Bondar
Mn	AAS	5	ppm	Chemex	Lu	INAA	0.2	ppm	Bondar
Mo	AAS	2	ppm	Chemex	Mo	INAA	1	ppm	Bondar
Ni	AAS	2	ppm	Chemex	Na	INAA	0.02	pct	Bondar
Pb	AAS	2	ppm	Chemex	Ni	INAA	10	ppm	Bondar
U	NADNC	0.2	ppm	AEC	Rb	INAA	5	ppm	Bondar
W	COL	4	ppm	Chemex	Sb	INAA	0.1	ppm	Bondar
Zn	AAS	2	ppm	Chemex	Sc	INAA	0.2	ppm	Bondar
					Sm	INAA	0.1	ppm	Bondar
As	INAA	0.5	ppm	Bondar	Ta	INAA	0.5	ppm	Bondar
Au	INAA	2	ppb	Bondar	Tb	INAA	0.5	ppm	Bondar
Ba	INAA	50	ppm	Bondar	Th	INAA	0.2	ppm	Bondar
Br	INAA	0.5	ppm	Bondar	U	INAA	0.2	ppm	Bondar
Ce	INAA	5	ppm	Bondar	W	INAA	1	ppm	Bondar
Co	INAA	5	ppm	Bondar	Yb	INAA	2	ppm	Bondar

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 2364 – Niddery Lk

Collection Year:	1990
NTS Coverage:	105O, P
Sample Sites:	957
Survey Area:	11, 152 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

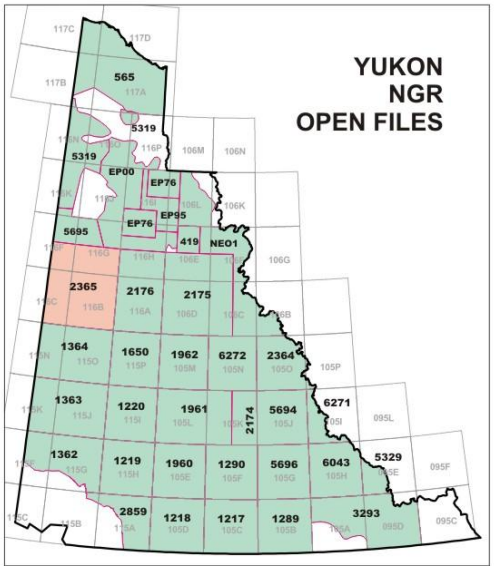
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Co	INAA	1	ppm	Activation
Cd	AAS	0.2	ppm	Bondar	Cr	INAA	5	ppm	Activation
Co	AAS	2	ppm	Bondar	Cs	INAA	1	ppm	Activation
Cu	AAS	2	ppm	Bondar	Eu	INAA	0.2	ppm	Activation
Fe	AAS	0.02	pct	Bondar	Fe	INAA	0.01	pct	Activation
Hg	AAS-CV	10	ppb	Bondar	Hf	INAA	1	ppm	Activation
Mn	AAS	5	ppm	Bondar	La	INAA	0.5	ppm	Activation
Mo	AAS	2	ppm	Bondar	Lu	INAA	0.05	ppm	Activation
Ni	AAS	2	ppm	Bondar	Na	INAA	0.01	pct	Activation
Pb	AAS	2	ppm	Bondar	Rb	INAA	5	ppm	Activation
Sn	AAS-H	1	ppm	Bondar	Sb	INAA	0.1	ppm	Activation
V	AAS	5	ppm	Bondar	Sc	INAA	0.1	ppm	Activation
Zn	AAS	2	ppm	Bondar	Sm	INAA	0.1	ppm	Activation
F	ISE	20	ppm	Bondar	Ta	INAA	0.5	ppm	Activation
LOI	GRAV	1	pct	Bondar	Tb	INAA	0.5	ppm	Activation
As	INAA	0.5	ppm	Activation	Th	INAA	0.2	ppm	Activation
Au	INAA	2	ppb	Activation	U	INAA	0.5	ppm	Activation
Ba	INAA	50	ppm	Activation	W	INAA	1	ppm	Activation
Br	INAA	0.5	ppm	Activation	Yb	INAA	0.2	ppm	Activation
Ce	INAA	3	ppm	Activation					

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 2365 - Dawson

Collection Year:	1976 and 1977
NTS Coverage:	116B, C, F, G
Sample Sites:	1,738
Survey Area:	24,012 km^2
Site Density:	1 site in 14 km^2
Reanalysis:	INAA in 1990
Previous OFs	418 and 520



Analytical Summary (stream sediments)

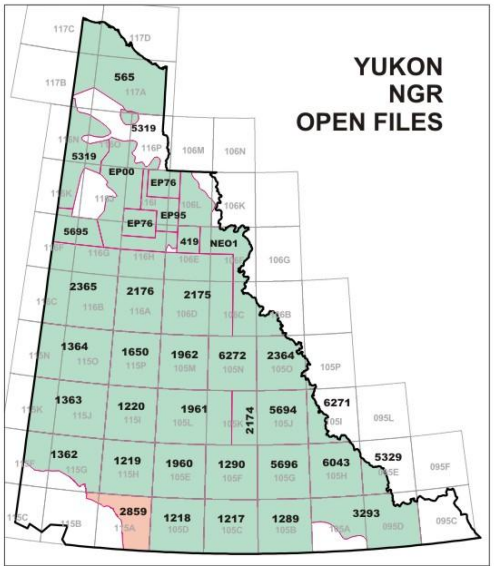
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Chemex	Cr	INAA	5	ppm	Activation
Ba	AAS	40	ppm	Chemex	Cs	INAA	1	ppm	Activation
Co	AAS	2	ppm	Chemex	Eu	INAA	0.2	ppm	Activation
Cu	AAS	2	ppm	Chemex	Fe	INAA	0.01	pct	Activation
Fe	AAS	0.02	pct	Chemex	Hf	INAA	1	ppm	Activation
Hg	AAS-CV	10	ppb	Chemex	La	INAA	0.5	ppm	Activation
Mn	AAS	5	ppm	Chemex	Lu	INAA	0.05	ppm	Activation
Mo	AAS	2	ppm	Chemex	Na	INAA	0.01	pct	Activation
Ni	AAS	2	ppm	Chemex	Rb	INAA	5	ppm	Activation
Pb	AAS	2	ppm	Chemex	Sb	INAA	0.1	ppm	Activation
U	NADNC	0.2	ppm	AEC	Sc	INAA	0.1	ppm	Activation
W	COL	4	ppm	Chemex	Sm	INAA	0.1	ppm	Activation
Zn	AAS	2	ppm	Chemex	Ta	INAA	0.5	ppm	Activation
As	INAA	0.5	ppm	Activation	Tb	INAA	0.5	ppm	Activation
Au	INAA	2	ppb	Activation	Th	INAA	0.2	ppm	Activation
Ba	INAA	50	ppm	Activation	U	INAA	0.5	ppm	Activation
Br	INAA	0.5	ppm	Activation	W	INAA	1	ppm	Activation
Ce	INAA	3	ppm	Activation	Yb	INAA	0.2	ppm	Activation
Co	INAA	1	ppm	Activation					

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 2859 - Dezadeash

Collection Year:	1993
NTS Coverage:	115A, B
Sample Sites:	623
Survey Area:	8,382 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

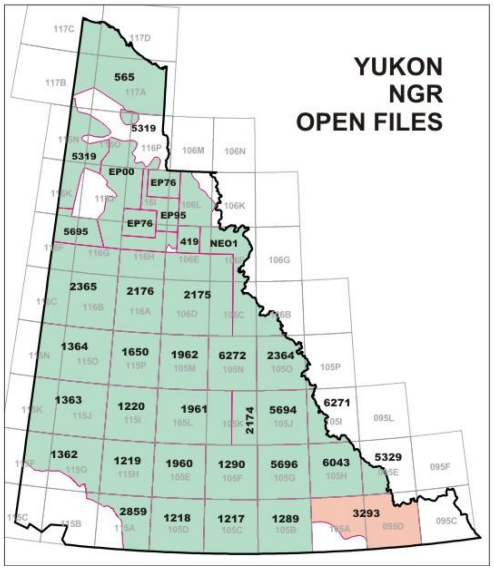
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Cantech	Ce	INAA	5	ppm	Becquerel
Cd	AAS	0.2	ppm	Cantech	Co	INAA	5	ppm	Becquerel
Co	AAS	2	ppm	Cantech	Cr	INAA	20	ppm	Becquerel
Cu	AAS	2	ppm	Cantech	Cs	INAA	0.5	ppm	Becquerel
Fe	AAS	0.02	pct	Cantech	Eu	INAA	1	ppm	Becquerel
Hg	AAS-CV	5	ppb	Cantech	Fe	INAA	0.2	pct	Becquerel
Mn	AAS	5	ppm	Cantech	Hf	INAA	1	ppm	Becquerel
Mo	AAS	2	ppm	Cantech	La	INAA	2	ppm	Becquerel
Ni	AAS	2	ppm	Cantech	Lu	INAA	0.2	ppm	Becquerel
Pb	AAS	2	ppm	Cantech	Na	INAA	0.02	pct	Becquerel
Sn	FUS	1	ppm	Cantech	Rb	INAA	5	ppm	Becquerel
V	AAS	5	ppm	Cantech	Sb	INAA	0.1	ppm	Becquerel
Zn	AAS	2	ppm	Cantech	Sc	INAA	0.2	ppm	Becquerel
F	ISE	20	ppm	Cantech	Sm	INAA	0.1	ppm	Becquerel
LOI	GRAV	1	pct	Cantech	Ta	INAA	0.5	ppm	Becquerel
					Tb	INAA	0.5	ppm	Becquerel
As	INAA	0.5	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	U	INAA	0.2	ppm	Becquerel
Ba	INAA	50	ppm	Becquerel	W	INAA	1	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Yb	INAA	2	ppm	Becquerel

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 3293 – Watson Lk

Collection Year:	1995
NTS Coverage:	95D, 105A
Sample Sites:	1117
Survey Area:	17,664 km^2
Site Density:	1 site in 16 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

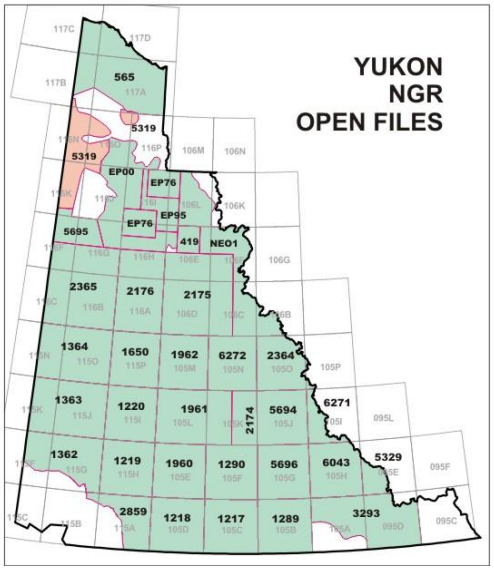
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Cantech	Ce	INAA	5	ppm	Becquerel
Cd	AAS	0.2	ppm	Cantech	Co	INAA	5	ppm	Becquerel
Co	AAS	2	ppm	Cantech	Cr	INAA	20	ppm	Becquerel
Cu	AAS	2	ppm	Cantech	Cs	INAA	0.5	ppm	Becquerel
Fe	AAS	0.02	pct	Cantech	Eu	INAA	1	ppm	Becquerel
Hg	AAS-CV	5	ppb	Cantech	Fe	INAA	0.2	pct	Becquerel
Mn	AAS	5	ppm	Cantech	Hf	INAA	1	ppm	Becquerel
Mo	AAS	2	ppm	Cantech	La	INAA	2	ppm	Becquerel
Ni	AAS	2	ppm	Cantech	Lu	INAA	0.2	ppm	Becquerel
Pb	AAS	2	ppm	Cantech	Na	INAA	0.02	pct	Becquerel
Sn	FUS	1	ppm	Cantech	Rb	INAA	5	ppm	Becquerel
V	AAS	5	ppm	Cantech	Sb	INAA	0.1	ppm	Becquerel
Zn	AAS	2	ppm	Cantech	Sc	INAA	0.2	ppm	Becquerel
F	ISE	20	ppm	Cantech	Sm	INAA	0.1	ppm	Becquerel
LOI	GRAV	1	pct	Cantech	Ta	INAA	0.5	ppm	Becquerel
					Tb	INAA	0.5	ppm	Becquerel
As	INAA	0.5	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	U	INAA	0.2	ppm	Becquerel
Ba	INAA	50	ppm	Becquerel	W	INAA	1	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Yb	INAA	2	ppm	Becquerel

Notes:

- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 5319 – Old Crow

Collection Year:	2004
NTS Coverage:	116J,K,N,O,P;117B
Sample Sites:	655
Survey Area:	10,387 km^2
Site Density:	1 site in 16 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Ni	ICP	0.1	ppm	Acme
Al	ICP	0.01	pct	Acme	P	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Ba	ICP	0.5	ppm	Acme	S	ICP	0.02	pct	Acme
Bi	ICP	0.02	ppm	Acme	Sb	ICP	0.02	ppm	Acme
Ca	ICP	0.01	pct	Acme	Sc	ICP	0.1	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Se	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Sn	FUS	1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme	F	FUS	10	ppm	Acme
Na	ICP	0.001	pct	Acme	loi	GRAV	0.1	pct	Acme

Open File 5319

Analytical Summary Con't (stream sediments)

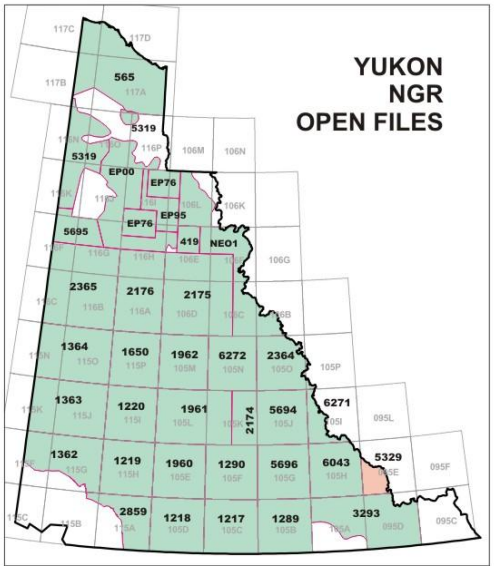
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
As	INAA	0.5	ppm	Becquerel	Mo	INAA	1	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Na	INAA	0.02	pct	Becquerel
Ba	INAA	50	ppm	Becquerel	Ni	INAA	10	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Rb	INAA	5	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	Sb	INAA	0.1	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Sc	INAA	0.2	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel	Sm	INAA	0.1	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel	Th	INAA	0.2	ppm	Becquerel
Hf	INAA	1	ppm	Becquerel	U	INAA	0.2	ppm	Becquerel
La	INAA	2	ppm	Becquerel	W	INAA	1	ppm	Becquerel
Lu	INAA	0.2	ppm	Becquerel	Yb	INAA	1	ppm	Becquerel

Notes:

- YGS Open File 2006-17
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH and conductivity in raw water and trace metal and major elements in processed waters

Open File 5329 – Flat R

Collection Year:	2005
NTS Coverage:	95E
Sample Sites:	171
Survey Area:	3,187 km^2
Site Density:	1 site in 19 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Ni	ICP	0.1	ppm	Acme
Al	ICP	0.01	pct	Acme	P	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Ba	ICP	0.5	ppm	Acme	S	ICP	0.02	pct	Acme
Bi	ICP	0.02	ppm	Acme	Sb	ICP	0.02	ppm	Acme
Ca	ICP	0.01	pct	Acme	Sc	ICP	0.1	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Se	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Sn	FUS	1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme	F	FUS	10	ppm	Acme
Na	ICP	0.001	pct	Acme	loi	GRAV	0.1	pct	Acme

Open File 5329

Analytical Summary Con't (stream sediments)

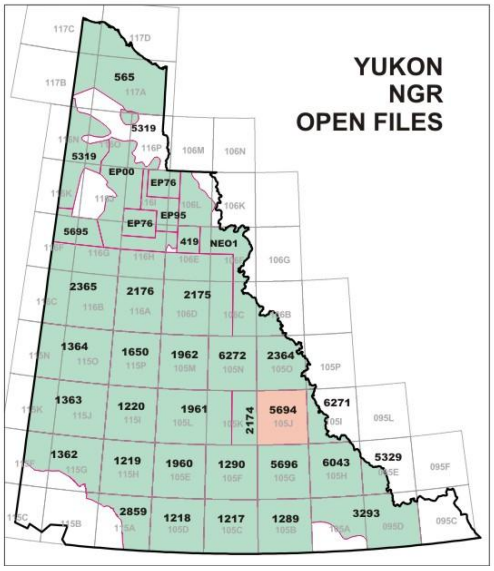
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
As	INAA	0.5	ppm	Becquerel	Mo	INAA	1	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Na	INAA	0.02	pct	Becquerel
Ba	INAA	50	ppm	Becquerel	Ni	INAA	10	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Rb	INAA	5	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	Sb	INAA	0.1	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Sc	INAA	0.2	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel	Sm	INAA	0.1	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel	Th	INAA	0.2	ppm	Becquerel
Hf	INAA	1	ppm	Becquerel	U	INAA	0.2	ppm	Becquerel
La	INAA	2	ppm	Becquerel	W	INAA	1	ppm	Becquerel
Lu	INAA	0.2	ppm	Becquerel	Yb	INAA	1	ppm	Becquerel

Notes:

- Yukon/NWT survey
- YGS Open File 2006-18
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH and conductivity in raw water and trace metal and major elements in processed waters

Open File 5694 – Sheldon Lk

Collection Year:	1989
NTS Coverage:	105J
Sample Sites:	886
Survey Area:	11,487 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	ICP in 2008
Previous OFs	2173



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ce	INAA	5	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Co	INAA	5	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	Cr	INAA	20	ppm	Bondar
Co	AAS	2	ppm	Bondar	Cs	INAA	0.5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	Eu	INAA	1	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Fe	INAA	0.2	pct	Bondar
Hg	AAS-CV	10	ppb	Bondar	Hf	INAA	1	ppm	Bondar
Mn	AAS	5	ppm	Bondar	La	INAA	2	ppm	Bondar
Mo	AAS	2	ppm	Bondar	Lu	INAA	0.2	ppm	Bondar
Ni	AAS	2	ppm	Bondar	Mo	INAA	1	ppm	Bondar
Pb	AAS	2	ppm	Bondar	Na	INAA	0.02	pct	Bondar
Sb	AAS-H	0.2	ppm	Bondar	Ni	INAA	10	ppm	Bondar
Sn	AAS-H	1	ppm	Bondar	Rb	INAA	5	ppm	Bondar
U	NADNC	0.5	ppm	Bondar	Sb	INAA	0.1	ppm	Bondar
V	AAS	5	ppm	Bondar	Sc	INAA	0.2	ppm	Bondar
Zn	AAS	2	ppm	Bondar	Sm	INAA	0.1	ppm	Bondar
F	ISE	20	ppm	Bondar	Ta	INAA	0.5	ppm	Bondar
LOI	GRAV	1	pct	Bondar	Tb	INAA	0.5	ppm	Bondar
As	INAA	0.5	ppm	Bondar	Th	INAA	0.2	ppm	Bondar
Au	INAA	2	ppb	Bondar	U	INAA	0.2	ppm	Bondar
Ba	INAA	50	ppm	Bondar	W	INAA	1	ppm	Bondar
Br	INAA	0.5	ppm	Bondar	Yb	INAA	2	ppm	Bondar

Open File 5694

Analytical Summary Con't (stream sediments)

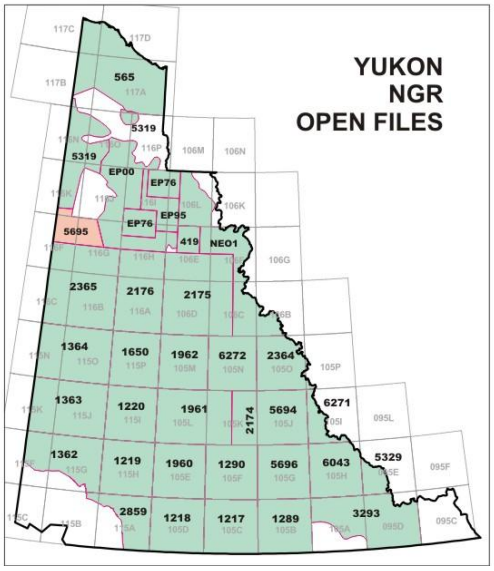
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Mo	ICP	0.01	ppm	Acme
Al	ICP	0.01	pct	Acme	Na	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Ni	ICP	0.1	ppm	Acme
B	ICP	1	ppm	Acme	P	ICP	0.001	pct	Acme
Ba	ICP	0.5	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Bi	ICP	0.02	ppm	Acme	S	ICP	0.02	pct	Acme
Ca	ICP	0.01	pct	Acme	Sb	ICP	0.02	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Se	ICP	0.1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme

Notes:

- YGS Open File 2008-04
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 5695 – Ogilvie R

Collection Year:	2006
NTS Coverage:	116F, G, K
Sample Sites:	355
Survey Area:	5,398 km^2
Site Density:	1 site in 15 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Ni	ICP	0.1	ppm	Acme
Al	ICP	0.01	pct	Acme	P	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Ba	ICP	0.5	ppm	Acme	S	ICP	0.02	pct	Acme
Bi	ICP	0.02	ppm	Acme	Sb	ICP	0.02	ppm	Acme
Ca	ICP	0.01	pct	Acme	Sc	ICP	0.1	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Se	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Sn	FUS	1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme	F	FUS	10	ppm	Acme
Na	ICP	0.001	pct	Acme	loi	GRAV	0.1	pct	Acme

Open File 5695

Analytical Summary Con't (stream sediments)

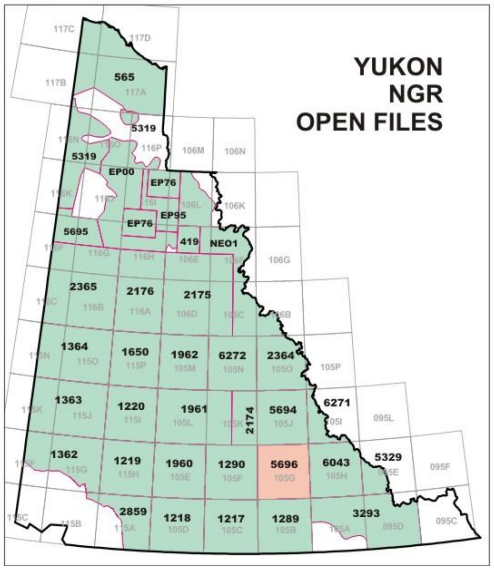
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
As	INAA	0.5	ppm	Becquerel	Mo	INAA	1	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Na	INAA	0.02	pct	Becquerel
Ba	INAA	50	ppm	Becquerel	Rb	INAA	5	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Sb	INAA	0.1	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	Sc	INAA	0.2	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Sm	INAA	0.1	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel	U	INAA	0.2	ppm	Becquerel
Hf	INAA	1	ppm	Becquerel	W	INAA	1	ppm	Becquerel
La	INAA	2	ppm	Becquerel	Yb	INAA	1	ppm	Becquerel
Lu	INAA	0.2	ppm	Becquerel					

Notes:

- YGS Open File 2008-02
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH and conductivity in raw water and trace metal and major elements in processed waters

Open File 5696 – Finlayson Lk

Collection Year:	1987
NTS Coverage:	105G
Sample Sites:	914
Survey Area:	11,869 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	ICP in 2008
Previous OFs	1648



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar	F	ISE	20	ppm	Bondar
Mn	AAS	5	ppm	Bondar	LOI	GRAV	1	pct	Bondar
Mo	AAS	2	ppm	Bondar					

Open File 5696

Analytical Summary Con't (stream sediments)

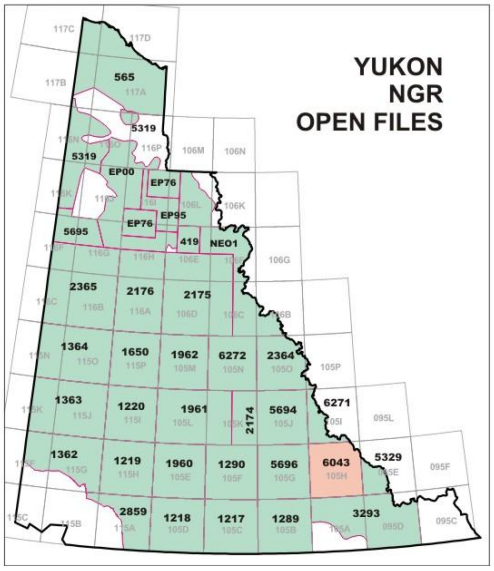
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Mo	ICP	0.01	ppm	Acme
Al	ICP	0.01	pct	Acme	Na	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Ni	ICP	0.1	ppm	Acme
B	ICP	1	ppm	Acme	P	ICP	0.001	pct	Acme
Ba	ICP	0.5	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Bi	ICP	0.02	ppm	Acme	S	ICP	0.02	pct	Acme
Ca	ICP	0.01	pct	Acme	Sb	ICP	0.02	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Se	ICP	0.1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme

Notes:

- YGS Open File 2008-03
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 6043 – Frances Lk

Collection Year:	1987
NTS Coverage:	105H
Sample Sites:	899
Survey Area:	11,869 km^2
Site Density:	1 site in 13 km^2
Reanalysis:	ICP in 2009
Previous OFs	1649



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ni	AAS	2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar	Pb	AAS	2	ppm	Bondar
Au	FA-NA	1	ppb	Chemex	Sb	AAS-H	0.2	ppm	Bondar
Ba	DCP	40	ppm	Bondar	Sn	AAS-H	1	ppm	Bondar
Cd	AAS	0.2	ppm	Bondar	U	NADNC	0.5	ppm	Bondar
Co	AAS	2	ppm	Bondar	V	AAS	5	ppm	Bondar
Cu	AAS	2	ppm	Bondar	W	COL	2	ppm	Bondar
Fe	AAS	0.02	pct	Bondar	Zn	AAS	2	ppm	Bondar
Hg	AAS-CV	10	ppb	Bondar	F	ISE	20	ppm	Bondar
Mn	AAS	5	ppm	Bondar	LOI	GRAV	1	pct	Bondar
Mo	AAS	2	ppm	Bondar					

Open File 6043

Analytical Summary Con't (stream sediments)

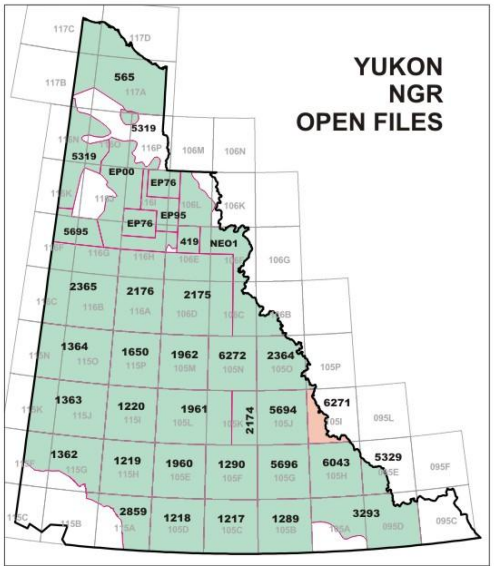
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Na	ICP	0.001	pct	Acme
Al	ICP	0.01	pct	Acme	Ni	ICP	0.1	ppm	Acme
As	ICP	0.1	ppm	Acme	P	ICP	0.001	pct	Acme
Ba	ICP	0.5	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Bi	ICP	0.02	ppm	Acme	S	ICP	0.02	pct	Acme
Ca	ICP	0.01	pct	Acme	Sb	ICP	0.02	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Se	ICP	0.1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme					

Notes:

- YGS Open File 2009-01
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File 6271 - Nahahanni

Collection Year:	1981
NTS Coverage:	105I
Sample Sites:	323
Survey Area:	3,780 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	INAA in 1999, ICP in 2009
Previous OFs	4016



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar
As	AAS-H	1.0	ppm	Bondar
Ba	XRF	0.02	pct	Bondar
Cd	AAS	0.2	ppm	Bondar
Co	AAS	2	ppm	Bondar
Cu	AAS	2	ppm	Bondar
Fe	AAS	0.2	pct	Bondar
Hg	AAS-CV	30	ppb	Bondar
Mn	AAS	5	ppm	Bondar
Mo	AAS	2	ppm	Bondar
Ni	AAS	2	ppm	Bondar
Pb	AAS	2	ppm	Bondar
Sb	AAS-H	0.2	ppm	Bondar
U	NADNC	0.5	ppm	Bondar
V	AAS	5	ppm	Bondar
W	COL	2	ppm	Bondar
Zn	AAS	2	ppm	Bondar
F	ISE	20	ppm	Bondar
LOI	GRAV	1	pct	Bondar
As	INAA	0.5	ppm	Becquerel
Au	INAA	2	ppb	Becquerel

Analyte	Mthd	DL	Unit	Lab
Ba	INAA	50	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel
Co	INAA	5	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel
Hf	INAA	1	ppm	Becquerel
La	INAA	2	ppm	Becquerel
Lu	INAA	0.2	ppm	Becquerel
Na	INAA	0.02	pct	Becquerel
Rb	INAA	5	ppm	Becquerel
Sb	INAA	0.1	ppm	Becquerel
Sc	INAA	0.2	ppm	Becquerel
Sm	INAA	0.1	ppm	Becquerel
Ta	INAA	0.5	ppm	Becquerel
Tb	INAA	0.5	ppm	Becquerel
Th	INAA	0.2	ppm	Becquerel
U	INAA	0.2	ppm	Becquerel
W	INAA	1	ppm	Becquerel
Yb	INAA	1	ppm	Becquerel

Open File 6271

Analytical Summary Con't (stream sediments)

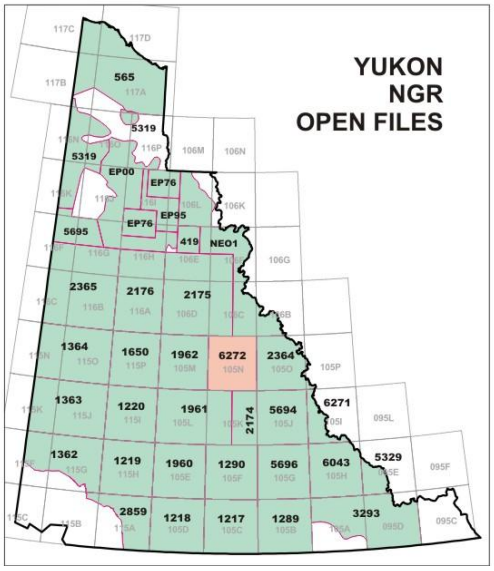
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Na	ICP	0.001	pct	Acme
Al	ICP	0.01	pct	Acme	Ni	ICP	0.1	ppm	Acme
As	ICP	0.1	ppm	Acme	P	ICP	0.001	pct	Acme
Ba	ICP	0.5	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Bi	ICP	0.02	ppm	Acme	S	ICP	0.02	pct	Acme
Ca	ICP	0.01	pct	Acme	Sb	ICP	0.02	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Se	ICP	0.1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme					

Notes:

- Yukon/NWT survey
- YGS Open File 2009-26
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water plus anions and major cations.

Open File 6272 – Lansing

Collection Year:	1990
NTS Coverage:	105N
Sample Sites:	783
Survey Area:	11,103 km^2
Site Density:	1 site in 14 km^2
Reanalysis:	ICPMS in 2009
Previous OFs	2363



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Bondar	Ce	INAA	3	ppm	Activation
Bi	AAS	0.1	ppm	Bondar	Co	INAA	1	ppm	Activation
Cd	AAS	0.2	ppm	Bondar	Cr	INAA	5	ppm	Activation
Co	AAS	2	ppm	Bondar	Cs	INAA	1	ppm	Activation
Cu	AAS	2	ppm	Bondar	Eu	INAA	0.2	ppm	Activation
Fe	AAS	0.02	pct	Bondar	Fe	INAA	0.01	pct	Activation
Hg	AAS-CV	10	ppb	Bondar	Hf	INAA	1	ppm	Activation
Mn	AAS	5	ppm	Bondar	La	INAA	0.5	ppm	Activation
Mo	AAS	2	ppm	Bondar	Lu	INAA	0.05	ppm	Activation
Ni	AAS	2	ppm	Bondar	Na	INAA	0.01	pct	Activation
Pb	AAS	2	ppm	Bondar	Rb	INAA	5	ppm	Activation
Se	AAS	0.1	ppm	Bondar	Sb	INAA	0.1	ppm	Activation
Sn	AAS-H	1	ppm	Bondar	Sc	INAA	0.1	ppm	Activation
V	AAS	5	ppm	Bondar	Sm	INAA	0.1	ppm	Activation
Zn	AAS	2	ppm	Bondar	Ta	INAA	0.5	ppm	Activation
F	ISE	20	ppm	Bondar	Tb	INAA	0.5	ppm	Activation
LOI	GRAV	1	pct	Bondar	Th	INAA	0.2	ppm	Activation
As	INAA	0.5	ppm	Activation	U	INAA	0.5	ppm	Activation
Au	INAA	2	ppb	Activation	W	INAA	1	ppm	Activation
Ba	INAA	50	ppm	Activation	Yb	INAA	0.2	ppm	Activation
Br	INAA	0.5	ppm	Activation					

Open File 6272

Analytical Summary Con't (stream sediments)

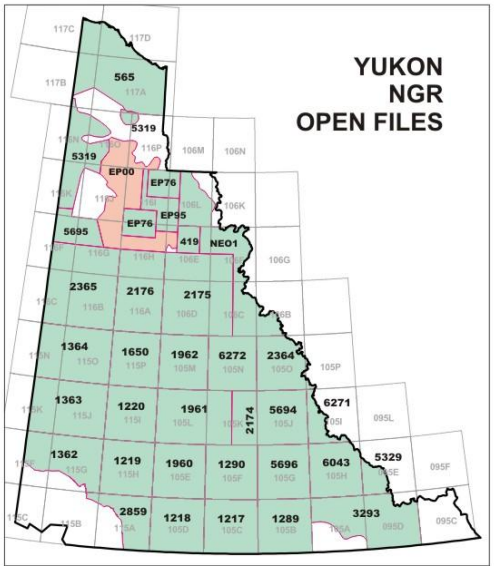
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Na	ICP	0.001	pct	Acme
Al	ICP	0.01	pct	Acme	Ni	ICP	0.1	ppm	Acme
As	ICP	0.1	ppm	Acme	P	ICP	0.001	pct	Acme
Ba	ICP	0.5	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Bi	ICP	0.02	ppm	Acme	S	ICP	0.02	pct	Acme
Ca	ICP	0.01	pct	Acme	Sb	ICP	0.02	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Se	ICP	0.1	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Te	ICP	0.02	ppm	Acme
Fe	ICP	0.01	pct	Acme	Th	ICP	0.1	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Ti	ICP	0.001	pct	Acme
Hg	ICP	5	ppb	Acme	Tl	ICP	0.02	ppm	Acme
K	ICP	0.01	pct	Acme	U	ICP	0.1	ppm	Acme
La	ICP	0.5	ppm	Acme	V	ICP	2	ppm	Acme
Mg	ICP	0.01	pct	Acme	W	ICP	0.2	ppm	Acme
Mn	ICP	1	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Mo	ICP	0.01	ppm	Acme					

Notes:

- YGS Open File 2009-27
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File EP00 – Eagle Plains

Collection Year:	2000
NTS Coverage:	95D, 105A
Sample Sites:	753
Survey Area:	14,329 km^2
Site Density:	1 site in 19 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Ni	ICP	0.1	ppm	Acme
Al	ICP	0.01	pct	Acme	P	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Pb	ICP	0.01	ppm	Acme
B	ICP	1	ppm	Acme	S	ICP	0.02	pct	Acme
Ba	ICP	0.5	ppm	Acme	Sb	ICP	0.02	ppm	Acme
Bi	ICP	0.02	ppm	Acme	Sc	ICP	0.1	ppm	Acme
Ca	ICP	0.01	pct	Acme	Se	ICP	0.1	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Sn	SX-AAS	1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Cr	ICP	0.5	ppm	Acme	Te	ICP	0.02	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Th	ICP	0.1	ppm	Acme
Fe	ICP	0.01	pct	Acme	Ti	ICP	0.001	pct	Acme
Ga	ICP	0.2	ppm	Acme	Tl	ICP	0.02	ppm	Acme
Hg	ICP	5	ppb	Acme	U	ICP	0.1	ppm	Acme
K	ICP	0.01	pct	Acme	V	ICP	2	ppm	Acme
La	ICP	0.5	ppm	Acme	W	ICP	0.2	ppm	Acme
Mg	ICP	0.01	pct	Acme	Zn	ICP	0.1	ppm	Acme
Mn	ICP	1	ppm	Acme	F	ISE	10	ppm	Acme
Mo	ICP	0.01	ppm	Acme	loi	GRAV	0.1	pct	Acme
Na	ICP	0.001	pct	Acme					

Open File EP00

Analytical Summary Con't (stream sediments)

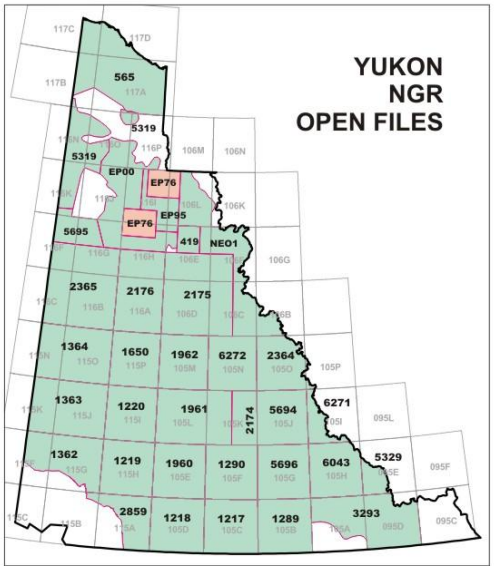
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
As	INAA	0.5	ppm	Becquerel	Lu	INAA	0.2	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Na	INAA	0.02	pct	Becquerel
Ba	INAA	50	ppm	Becquerel	Rb	INAA	5	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Sb	INAA	0.1	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	Sc	INAA	0.2	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Sm	INAA	0.1	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel	U	INAA	0.2	ppm	Becquerel
Hf	INAA	1	ppm	Becquerel	W	INAA	1	ppm	Becquerel
La	INAA	2	ppm	Becquerel	Yb	INAA	1	ppm	Becquerel

Notes:

- Héon, D. (compiler), 2003
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F, U, conductivity and sulphate in water

Open File EP76 – Eagle Plains

Collection Year:	1976
NTS Coverage:	106L;116H,I
Sample Sites:	609
Survey Area:	7,446 km^2
Site Density:	1 site in 12 km^2
Reanalysis:	INAA in 1990
Previous OFs	420



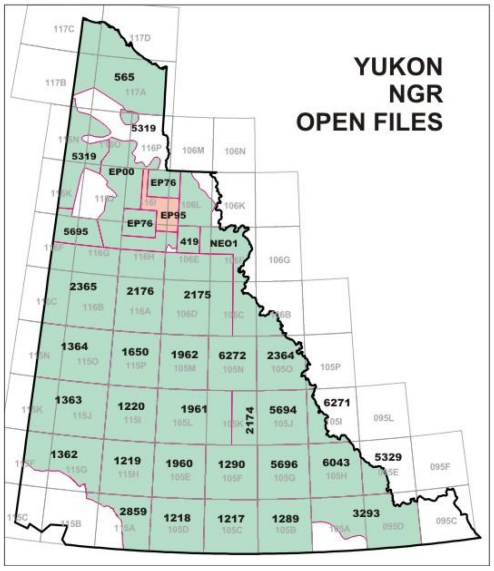
Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Cantech	Cr	INAA	20	ppm	Becquerel
Ba	AAS	40	ppm	Cantech	Cs	INAA	0.5	ppm	Becquerel
Co	AAS	2	ppm	Cantech	Eu	INAA	1	ppm	Becquerel
Cu	AAS	2	ppm	Cantech	Fe	INAA	0.2	pct	Becquerel
Fe	AAS	0.02	pct	Cantech	Hf	INAA	1	ppm	Becquerel
Mn	AAS	5	ppm	Cantech	La	INAA	2	ppm	Becquerel
Mo	AAS	2	ppm	Cantech	Lu	INAA	0.2	ppm	Becquerel
Ni	AAS	2	ppm	Cantech	Na	INAA	0.02	pct	Becquerel
Pb	AAS	2	ppm	Cantech	Rb	INAA	5	ppm	Becquerel
U	NADNC	0.2	ppm	Cantech	Sb	INAA	0.1	ppm	Becquerel
Zn	AAS	2	ppm	Cantech	Sc	INAA	0.2	ppm	Becquerel
					Sm	INAA	0.1	ppm	Becquerel
As	INAA	0.5	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Ba	INAA	50	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	U	INAA	0.2	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	W	INAA	1	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Yb	INAA	2	ppm	Becquerel

Notes:

- Héon, D. (compiler), 2003
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File EP95 – Eagle Plains



Collection Year:	1995
NTS Coverage:	106E,L; 116I
Sample Sites:	304
Survey Area:	4,403 km^2
Site Density:	1 site in 14 km^2
Reanalysis:	NONE
Previous OFs	NONE

Analytical Summary (stream sediments)

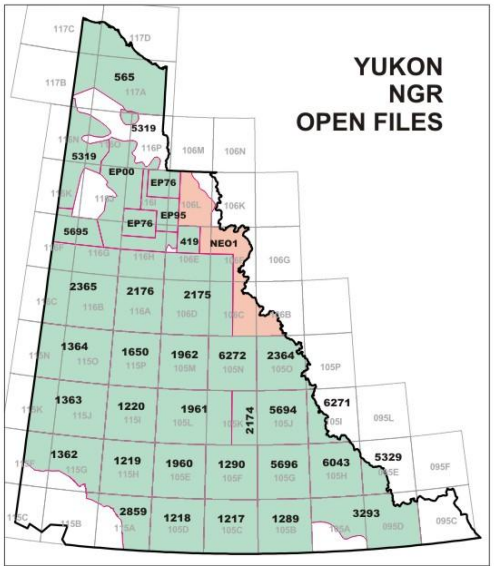
Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	AAS	0.2	ppm	Cantech	Ce	INAA	5	ppm	Becquerel
Bi	AAS	0.2	ppm	Cantech	Co	INAA	5	ppm	Becquerel
Cd	AAS	0.2	ppm	Cantech	Cr	INAA	20	ppm	Becquerel
Co	AAS	2	ppm	Cantech	Cs	INAA	0.5	ppm	Becquerel
Cu	AAS	2	ppm	Cantech	Eu	INAA	1	ppm	Becquerel
Fe	AAS	0.02	pct	Cantech	Fe	INAA	0.2	pct	Becquerel
Hg	AAS-CV	5	ppb	Cantech	Hf	INAA	1	ppm	Becquerel
Mn	AAS	5	ppm	Cantech	La	INAA	2	ppm	Becquerel
Mo	AAS	2	ppm	Cantech	Lu	INAA	0.2	ppm	Becquerel
Ni	AAS	2	ppm	Cantech	Na	INAA	0.02	pct	Becquerel
Pb	AAS	2	ppm	Cantech	Rb	INAA	5	ppm	Becquerel
Se	AAS	0.2	ppm	Cantech	Sb	INAA	0.1	ppm	Becquerel
Sn	FUS	1	ppm	Cantech	Sc	INAA	0.2	ppm	Becquerel
V	AAS	5	ppm	Cantech	Sm	INAA	0.1	ppm	Becquerel
Zn	AAS	2	ppm	Cantech	Ta	INAA	0.5	ppm	Becquerel
F	ISE	20	ppm	Cantech	Tb	INAA	0.5	ppm	Becquerel
LOI	GRAV	1	pct	Cantech	Th	INAA	0.2	ppm	Becquerel
As	INAA	0.5	ppm	Becquerel	U	INAA	0.2	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	W	INAA	1	ppm	Becquerel
Ba	INAA	50	ppm	Becquerel	Yb	INAA	2	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel					

Notes:

- Héon, D. (compiler), 2003
- Seds sieved to -80 mesh then ball milled
- Bi and Se added to database but not noted in Open File text
- Less than DL reported as ½ DL
- Includes pH, F and U in water

Open File NE01 – Northeast

Collection Year:	2001
NTS Coverage:	106B,C,E,F,K,L
Sample Sites:	1,296
Survey Area:	19,902 km^2
Site Density:	1 site in 15 km^2
Reanalysis:	NONE
Previous OFs	NONE



Analytical Summary (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
Ag	ICP	2	ppb	Acme	Ni	ICP	0.1	ppm	Acme
Al	ICP	0.01	pct	Acme	P	ICP	0.001	pct	Acme
As	ICP	0.1	ppm	Acme	Pb	ICP	0.01	ppm	Acme
Ba	ICP	0.5	ppm	Acme	S	ICP	0.02	pct	Acme
Bi	ICP	0.02	ppm	Acme	Sb	ICP	0.02	ppm	Acme
Ca	ICP	0.01	pct	Acme	Sc	ICP	0.1	ppm	Acme
Cd	ICP	0.01	ppm	Acme	Se	ICP	0.1	ppm	Acme
Co	ICP	0.1	ppm	Acme	Sn	SX-AAS	1	ppm	Acme
Cu	ICP	0.01	ppm	Acme	Sr	ICP	0.5	ppm	Acme
Fe	ICP	0.01	pct	Acme	Te	ICP	0.02	ppm	Acme
Ga	ICP	0.2	ppm	Acme	Th	ICP	0.1	ppm	Acme
Hg	ICP	5	ppb	Acme	Ti	ICP	0.001	pct	Acme
K	ICP	0.01	pct	Acme	Tl	ICP	0.02	ppm	Acme
La	ICP	0.5	ppm	Acme	U	ICP	0.1	ppm	Acme
Mg	ICP	0.01	pct	Acme	V	ICP	2	ppm	Acme
Mn	ICP	1	ppm	Acme	W	ICP	0.2	ppm	Acme
Mo	ICP	0.01	ppm	Acme	Zn	ICP	0.1	ppm	Acme
Na	ICP	0.001	pct	Acme	loi	GRAV	0.1	pct	Acme

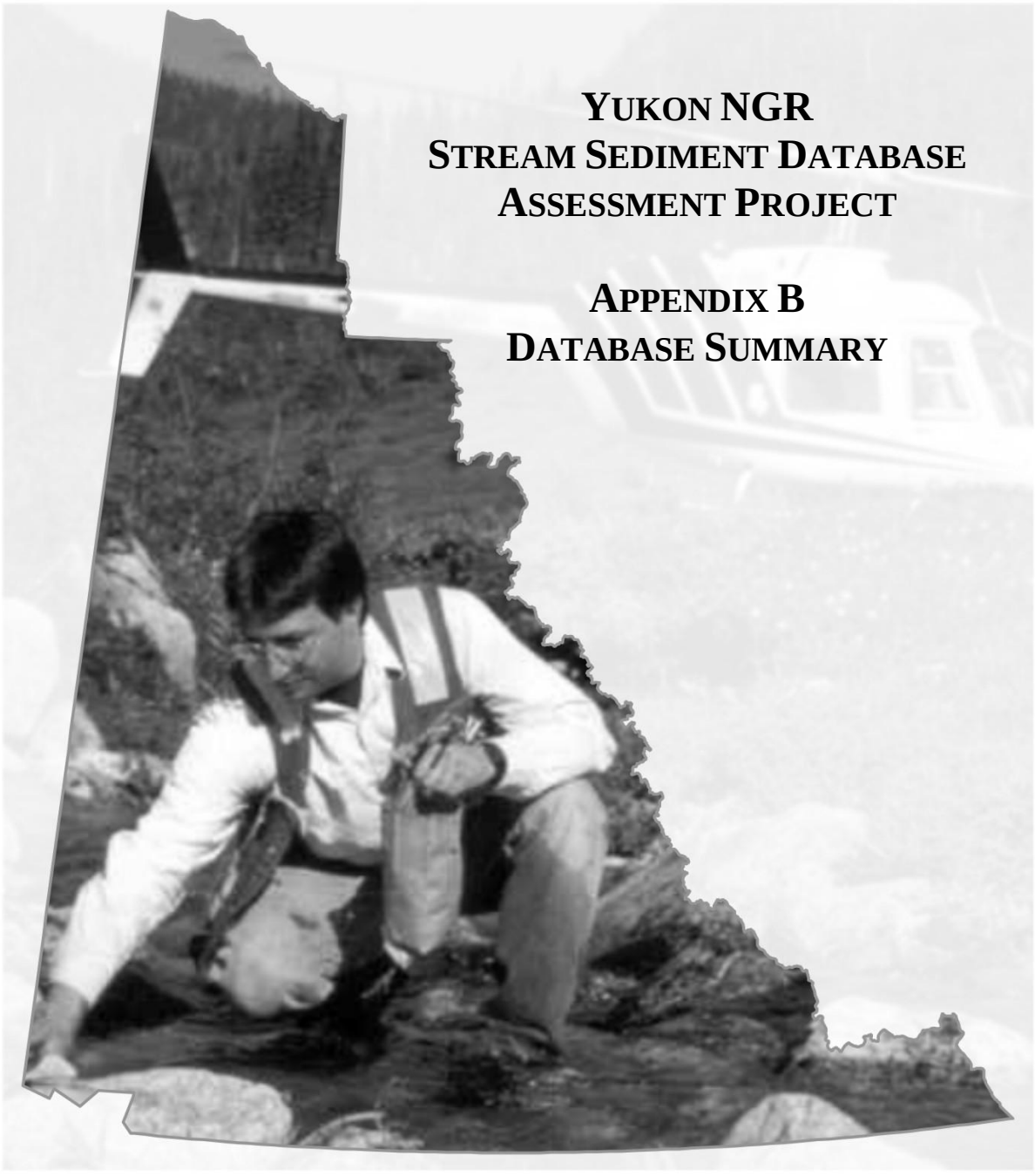
Open File NE01

Analytical Summary Con't (stream sediments)

Analyte	Mthd	DL	Unit	Lab	Analyte	Mthd	DL	Unit	Lab
As	INAA	0.5	ppm	Becquerel	Lu	INAA	0.2	ppm	Becquerel
Au	INAA	2	ppb	Becquerel	Na	INAA	0.02	pct	Becquerel
Ba	INAA	50	ppm	Becquerel	Rb	INAA	5	ppm	Becquerel
Br	INAA	0.5	ppm	Becquerel	Sb	INAA	0.1	ppm	Becquerel
Ce	INAA	5	ppm	Becquerel	Sc	INAA	0.2	ppm	Becquerel
Co	INAA	5	ppm	Becquerel	Sm	INAA	0.1	ppm	Becquerel
Cr	INAA	20	ppm	Becquerel	Ta	INAA	0.5	ppm	Becquerel
Cs	INAA	0.5	ppm	Becquerel	Tb	INAA	0.5	ppm	Becquerel
Eu	INAA	1	ppm	Becquerel	Th	INAA	0.2	ppm	Becquerel
Fe	INAA	0.2	pct	Becquerel	U	INAA	0.2	ppm	Becquerel
Hf	INAA	1	ppm	Becquerel	W	INAA	1	ppm	Becquerel
La	INAA	2	ppm	Becquerel	Yb	INAA	1	ppm	Becquerel

Notes:

- Héon, D. (compiler), 2003
- Seds sieved to -80 mesh then ball milled
- Less than DL reported as ½ DL
- Includes pH, U, conductivity in raw waters and trace metals in filtered and acidified water samples



YUKON NGR STREAM SEDIMENT DATABASE ASSESSMENT PROJECT

APPENDIX B DATABASE SUMMARY

April 2010

Yukon NGR Survey Summary …

CURRENT OPEN FILE	YGS OPEN FILE	PREVIOUS OPEN FILE(S)	SURVEY YEAR	NTS MAPSHEETS COVERED	NAME	SAMPLE SITES	SURVEY AREA	SURVEY DENSITY
OF 0419			1976	106E	EAGLE PLAINS	121	2568	21.22
OF 0565			1978	117A,B,C,D	FAR NORTH	1860	20412	10.97
OF 1217			1985	105C	TESLIN	865	12246	14.16
OF 1218			1985	105D	WHITEHORSE	1003	12246	12.21
OF 1219			1985	115H	AISHIHIK LAKE	934	11869	12.71
OF 1220			1985	115I	CARMACKS	951	11487	12.08
OF 1289			1978	105B	WOLF LAKE	959	12246	12.77
OF 1290			1978	105F	QUIET LAKE	877	11869	13.53
OF 1362			1986	115G,F	KLUANE LAKE	1005	14022	13.95
OF 1363			1986	115J,K	STEVENSON RIDGE	1305	17280	13.24
OF 1364			1986	115O,N	STEWART RIVER	1392	16704	12.00
OF 1650			1987	115P	MCQUESTON	841	11103	13.20
OF 1960			1988	105E	LAKE LABERGE	908	11869	13.07
OF 1961			1988	105K,L	GLENLYON	1378	17230	12.50
OF 1962			1987	105M	MAYO	861	11103	12.90
OF 2174			1989	105K	TAY RIVER	467	5743	12.30
OF 2175		419 & 518	1976,77	106C,D,E,F	NASH CK	2058	24012	11.67
OF 2176		418, 419 & 518	1976,77	116A,H	LARSEN CK	1218	16008	13.14
OF 2364			1990	105O,P	NIDDERY LAKE	957	11152	11.65
OF 2365		418 & 520	1976,77	116B,C,F,G	DAWSON	1738	24012	13.82
OF 2859			1993	115A,B	DEZADEASH RANGE	623	8382	13.45
OF 3293			1995	095D,105A	WATSON LK	1117	17664	15.81
OF 5319	2006-17		2004	116J,K,N,O,P,117B	OLD CROW	655	10387	15.86
OF 5329	2006-18		2005	095E	FLAT RIVER	171	3187	18.64
OF 5694	2008-04	2173	1989	105J	SHELDON LAKE	886	11487	12.97
OF 5695	2008-02		2006	116F,G,K	OGILVIE RIVER	355	5398	15.21
OF 5696	2008-03	1648	1987	105G	FINLAYSON LAKE	914	11869	12.99
OF 6043	2009-01	1649	1987	105H	FRANCES LAKE	899	11869	13.20
OF 6271	2009-26	4016	1981	105I	LITTLE NAHAHANNI	323	3780	11.70
OF 6272	2009-27	2363	1990	105N	LANSING RIVER	783	11103	14.18
OF EP00	Héon (2003)		2000	106E,116G,H,I,J,O,P	EAGLE PLAINS	753	14329	19.03
OF EP76	Héon (2003)	420	1976	106L,116H,I	EAGLE PLAINS	609	7446	12.23
OF EP95	Héon (2003)		1995	106E,L,116I	EAGLE PLAINS	304	4403	14.48
OF NE01	Héon (2003)		2001	106B,C,E,F,L,K	NORTHEAST	1296	19902	15.36
					TOTAL	31386	416387	13.27

Abbreviations …

AAS..... atomic absorption spectrometry

AASCV ..... cold vapour (flameless) atomic absorption spectrometry

AASH ..... hydride evolution atomic absorption spectrometry

COL..... colorimetry

NADNC..... neutron activation, delayed neutron counting

FANA ..... fire assay, neutron activation

ISE ..... ion selective electrode

LIF ..... laser-induced fluorescence

FUS..... NH_4I fusion

GCM ..... glass Calomel electrode and pH meter

GRAV..... gravimetry

INAA..... instrumental neutron activation analysis

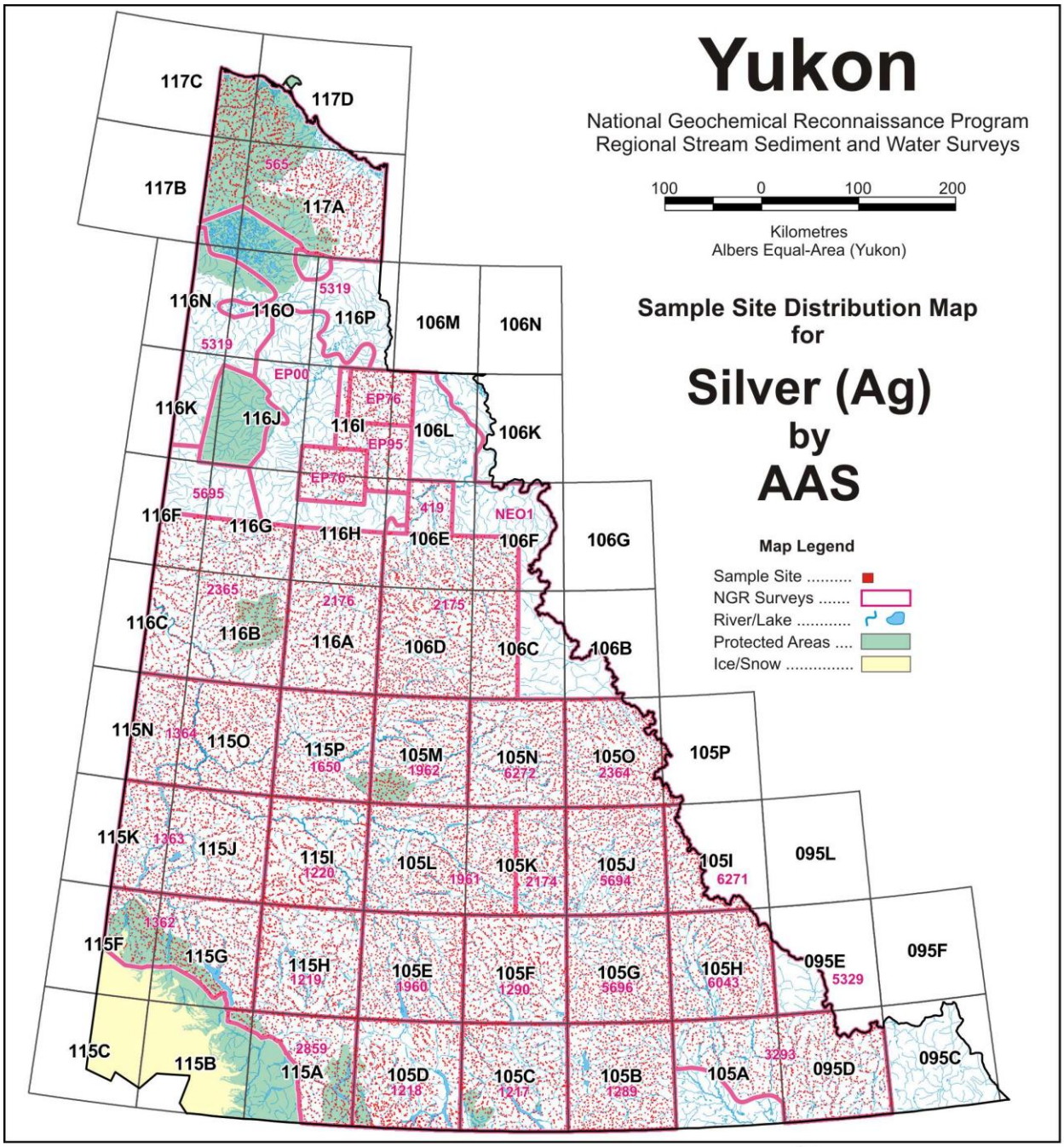
ICPMS..... inductively coupled plasma mass spectrometry

PPM ..... part per million

PPB..... parts per billion

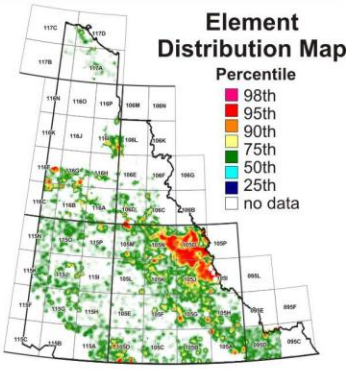
PCT..... percent

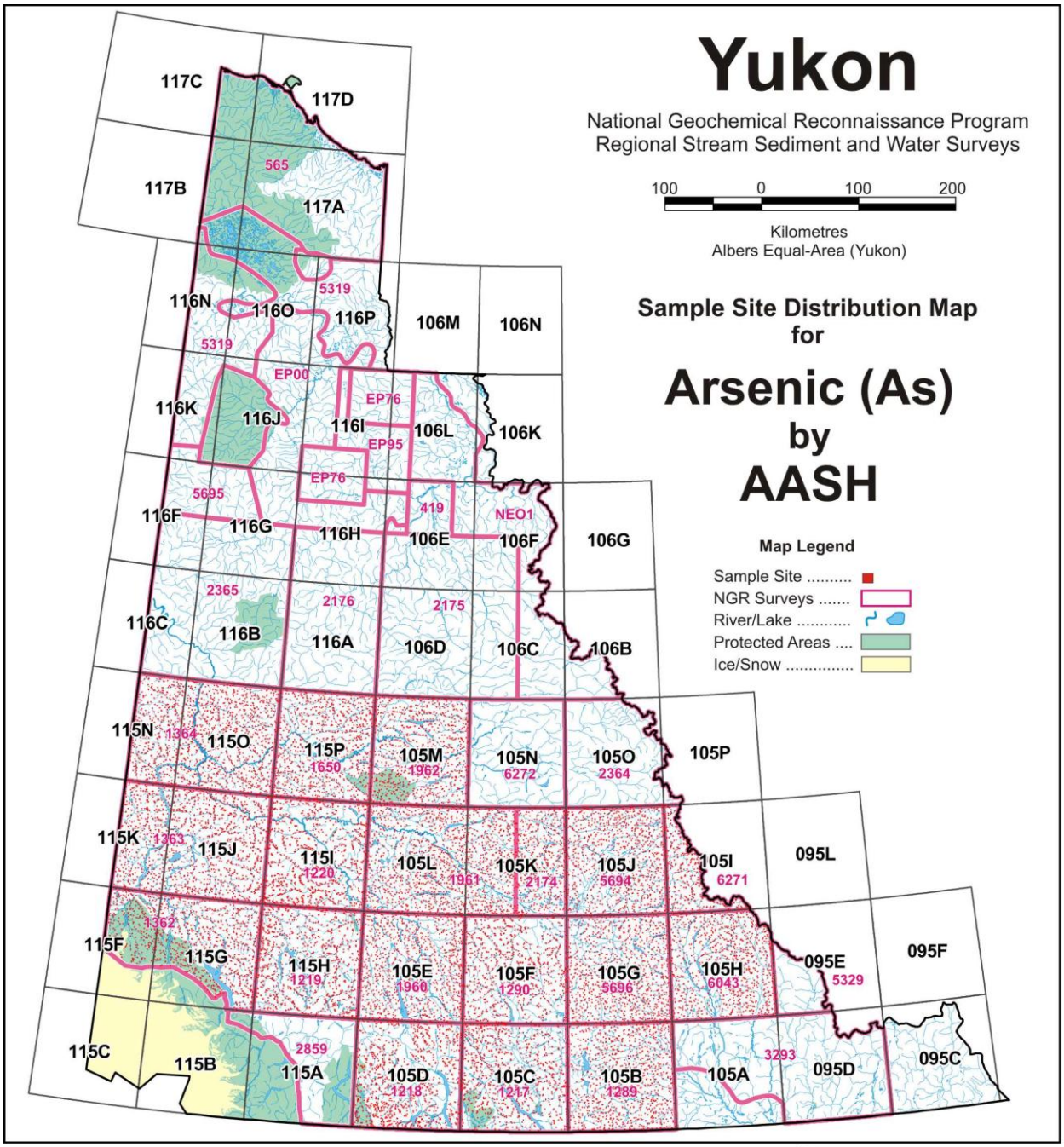
Refer to original Open File PDF files for specific details on analytical work.



Summary Statistics - Stream Sediments

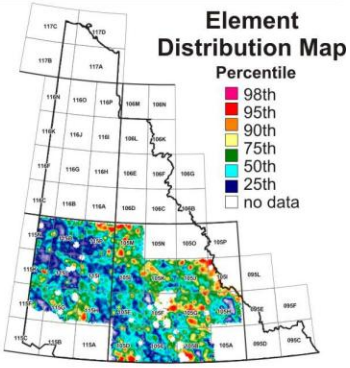
Variable	AG	*Mean*	0.2	*Min*	0.1
Units	ppm	*Median*	0.1	*25th %tile*	0.1
DL	0.2	*Mode*	0.1	*50th %tile*	0.1
Method	AAS	*StD*	0.29	*75th %tile*	0.2
N	28006	*CV*	1.49	*90th %tile*	0.4
N>DL	4210	*Range*	8.6	*95th %tile*	0.6
				98th %tile	1.0
				Max	8.7

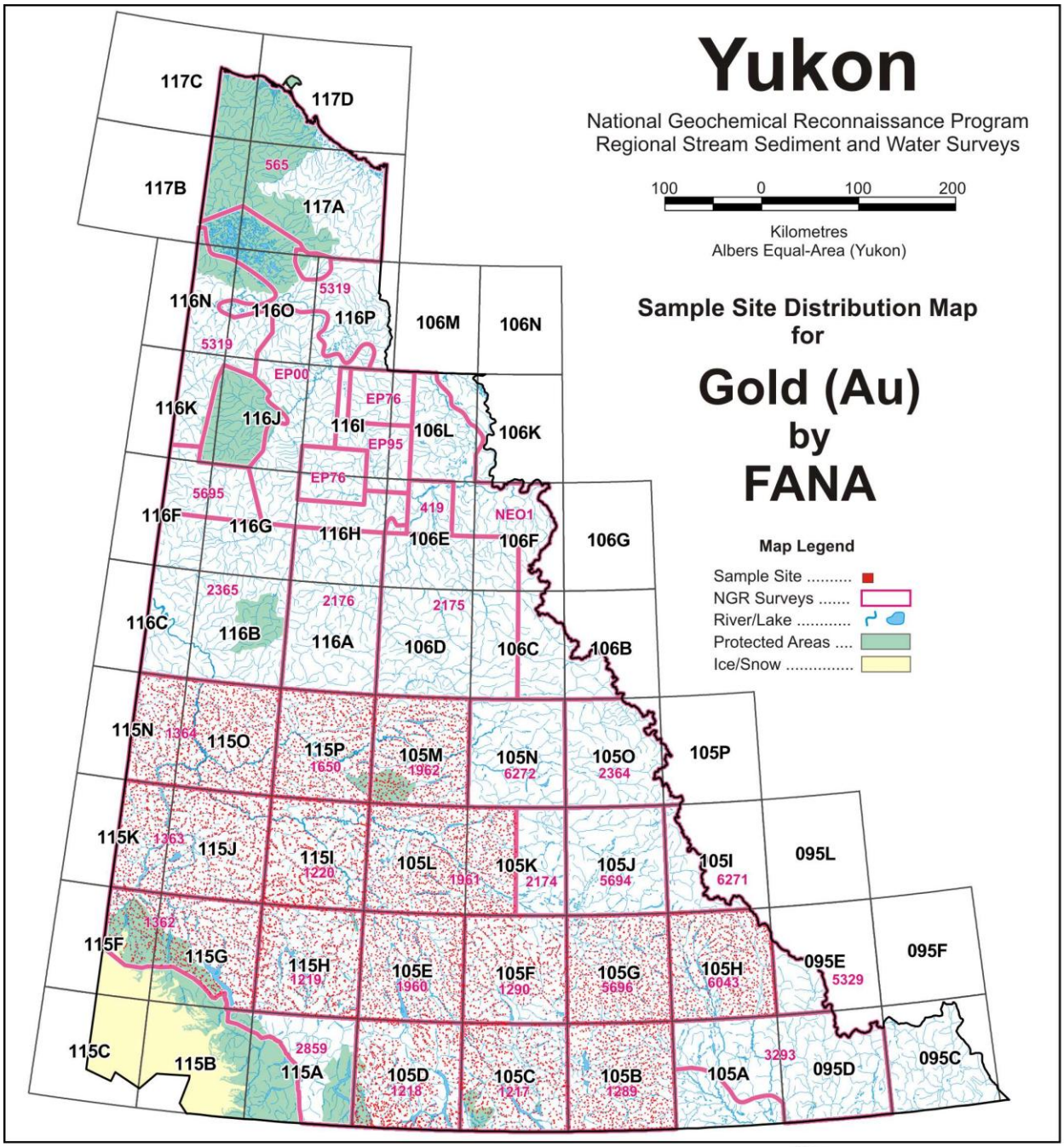




Summary Statistics - Stream Sediments

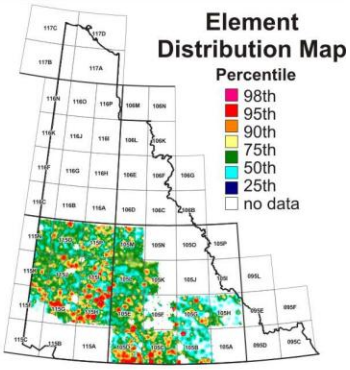
Variable	AS	*Mean*	12.3	*Min*	0.5
Units	ppm	*Median*	4.6	*25th %tile*	2.5
DL	1.0	*Mode*	2.0	*50th %tile*	4.6
Method	AASH	*StD*	127.29	*75th %tile*	9.0
N	16643	*CV*	10.32	*90th %tile*	19.0
N>DL	15284	*Range*	11199.5	*95th %tile*	33.2
				98th %tile	70.0
				Max	11200.0

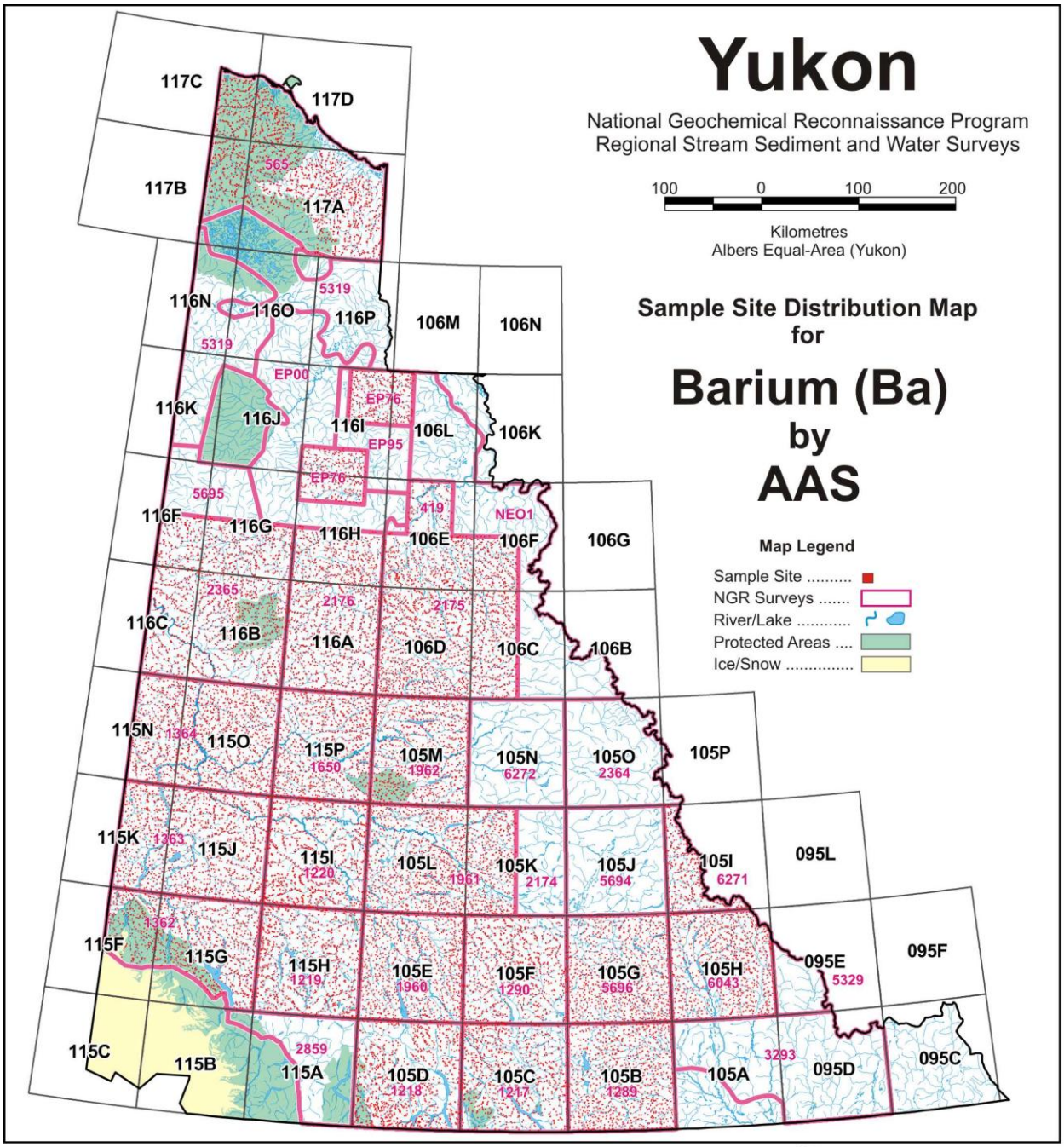




Summary Statistics - Stream Sediments

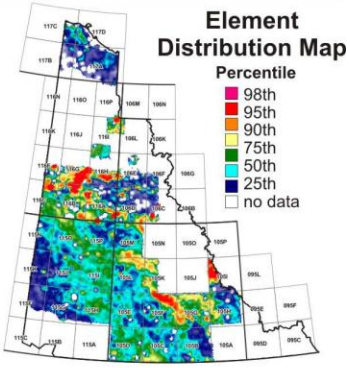
Variable -	AU	*Mean* -	7.4	*Min* -	0.5
Units -	ppb	*Median* -	1.0	*25th %tile* -	0.5
DL -	1.0	*Mode* -	0.5	*50th %tile* -	1.0
Method -	FANA	*StD* -	59.19	*75th %tile* -	3.0
N -	14894	*CV* -	7.97	*90th %tile* -	8.0
N>DL -	6971	*Range* -	3129.5	*95th %tile* -	17.0
				98th %tile -	45.0
				Max -	3130.0

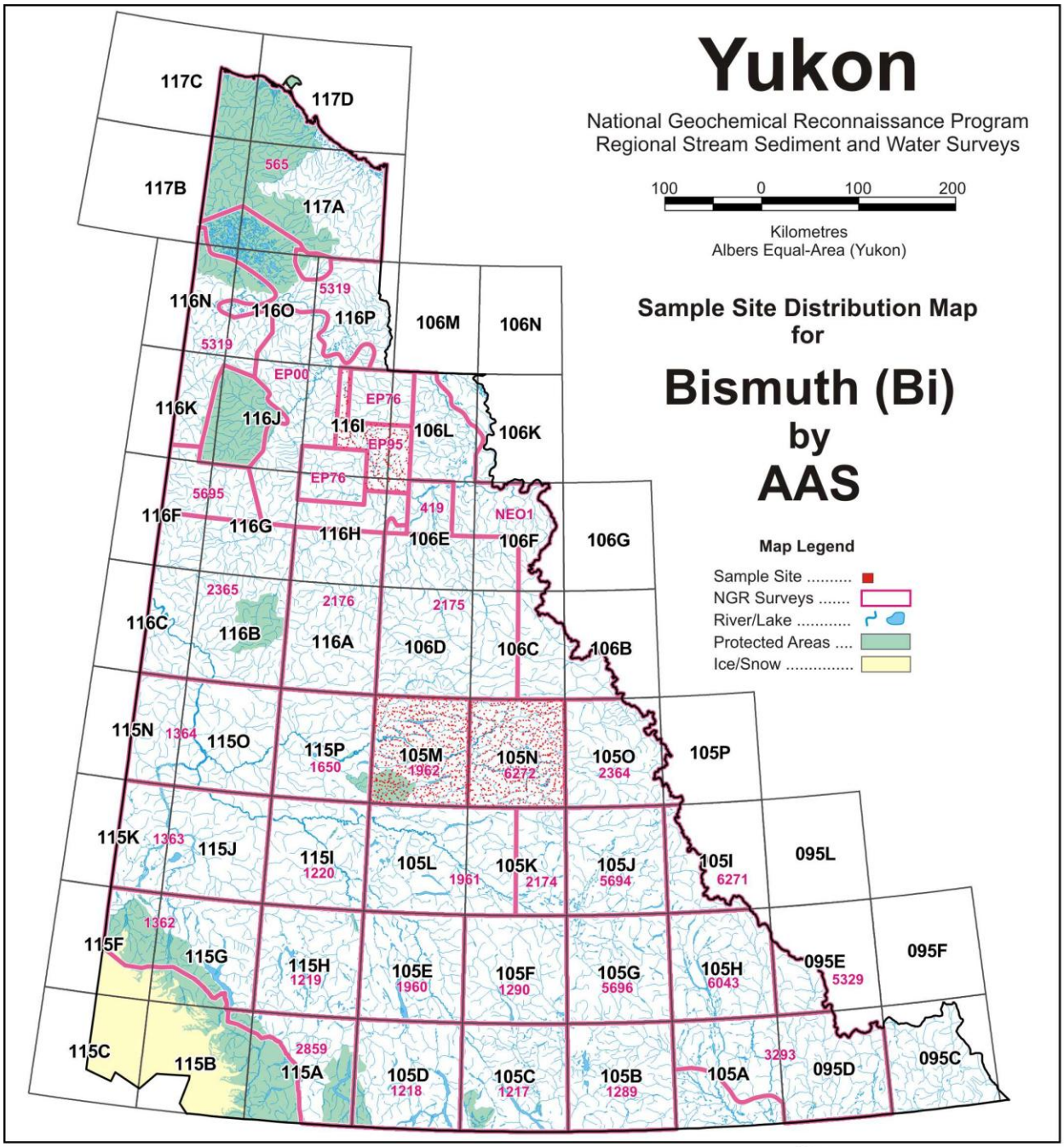




Summary Statistics - Stream Sediments

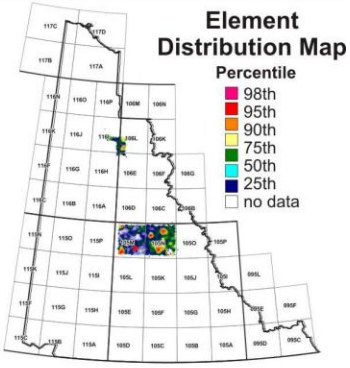
Variable	BA	*Mean*	1246	*Min*	20
Units	ppm	*Median*	849	*25th %tile*	643
DL	40	*Mode*	1000	*50th %tile*	849
Method	AAS	*StD*	4418.57	*75th %tile*	1090
N	22813	*CV*	3.55	*90th %tile*	1620
N>DL	22809	*Range*	116980	*95th %tile*	2300
				98th %tile	4000
				Max	117000

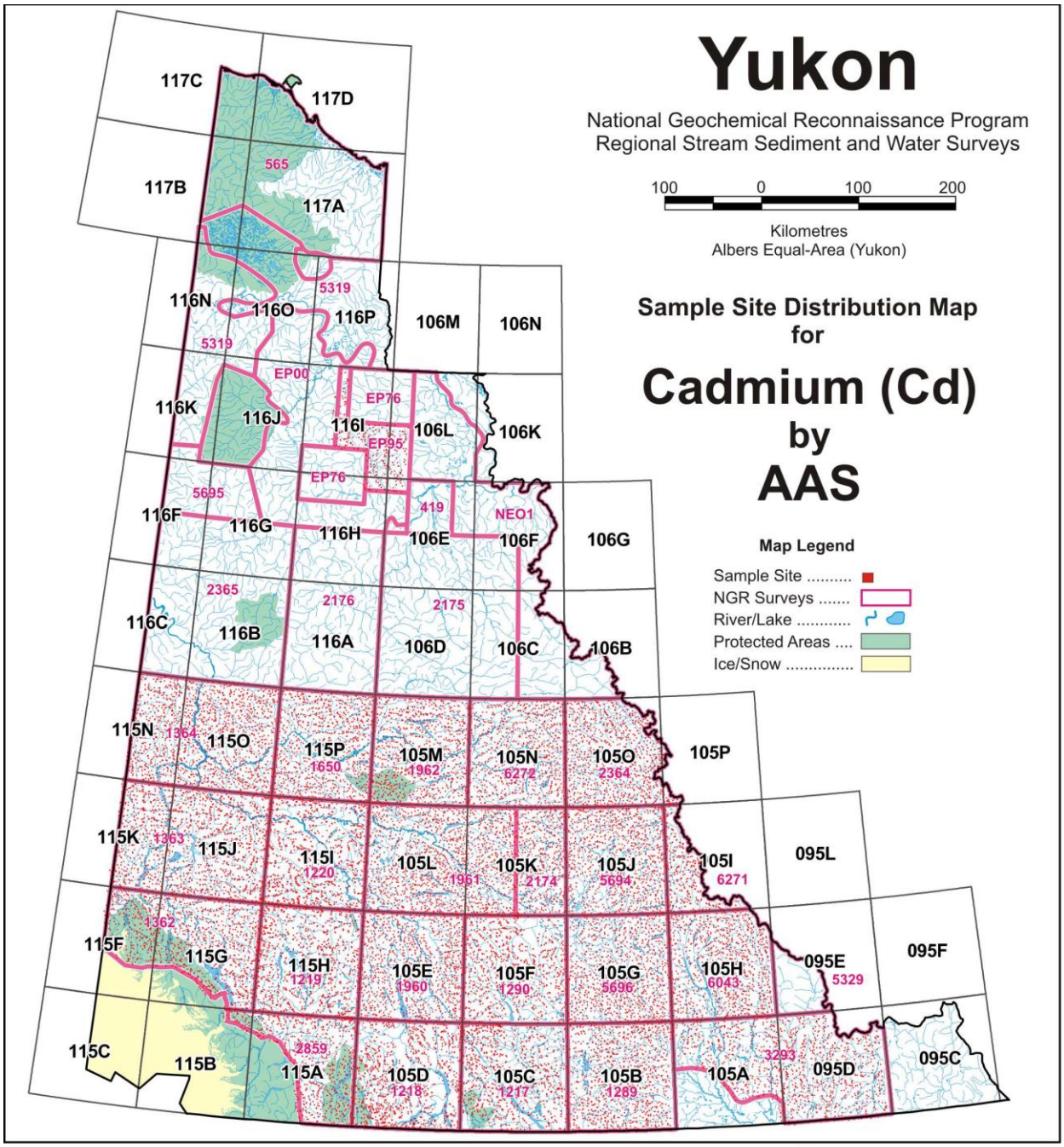




Summary Statistics - Stream Sediments

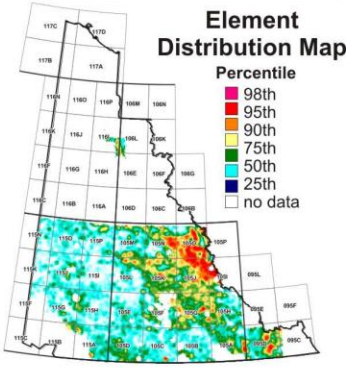
Variable -	Bi	*Mean* -	0.3	*Min* -	0.1
Units -	ppm	*Median* -	0.2	*25th %tile* -	0.2
DL -	0.2	*Mode* -	0.2	*50th %tile* -	0.2
Method -	AAS	*StD* -	0.54	*75th %tile* -	0.3
N -	1948	*CV* -	1.93	*90th %tile* -	0.4
N>DL -	765	*Range* -	20.9	*95th %tile* -	0.5
				98th %tile -	0.9
				Max -	21.0

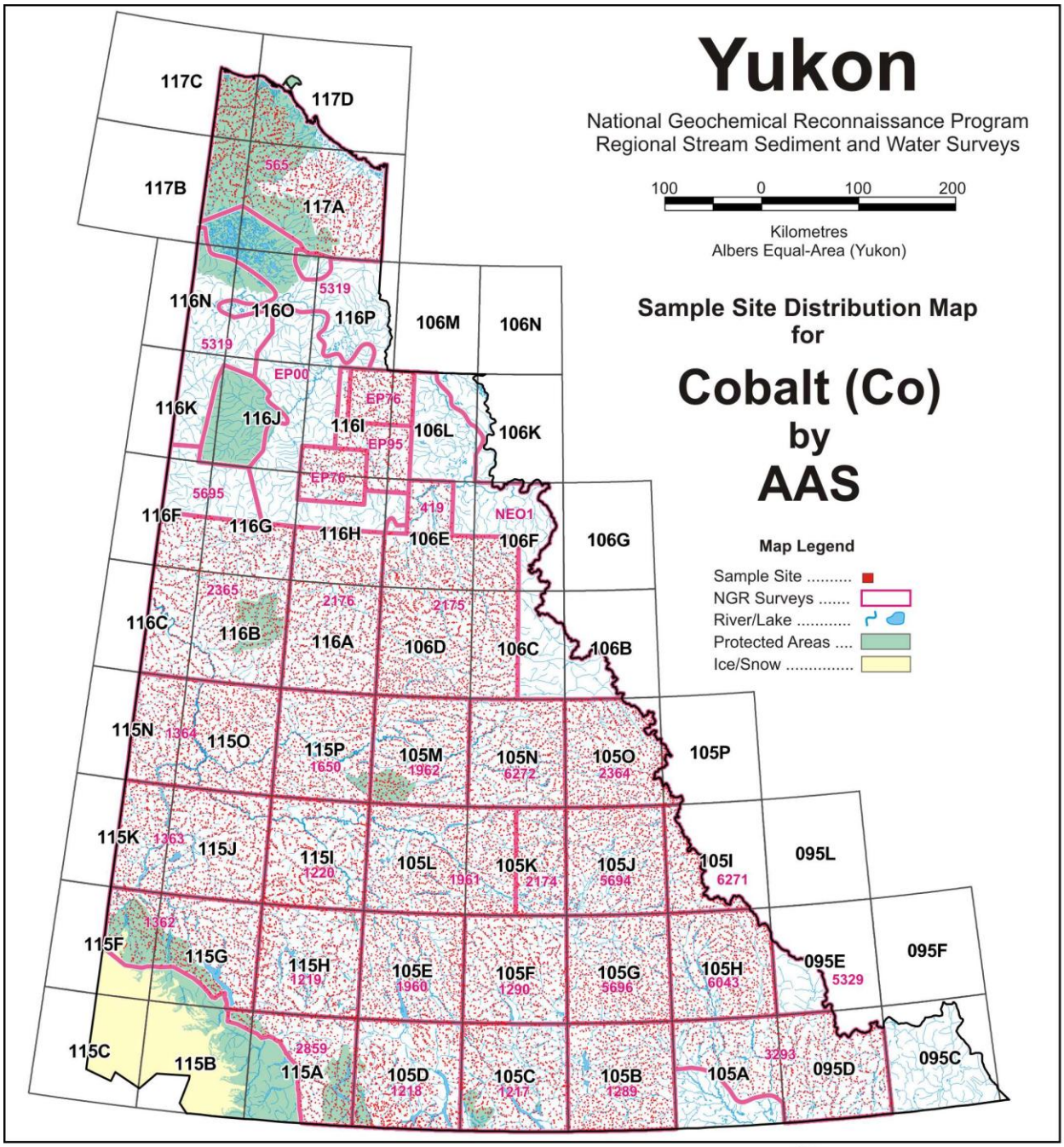




Summary Statistics - Stream Sediments

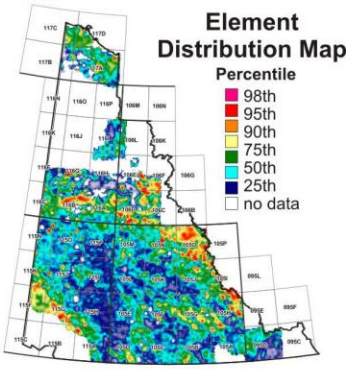
Variable	CD	*Mean*	0.9	*Min*	0.1
Units	ppm	*Median*	0.2	*25th %tile*	0.1
DL	0.2	*Mode*	0.1	*50th %tile*	0.2
Method	AAS	*StD*	2.81	*75th %tile*	0.6
N	20431	*CV*	3.11	*90th %tile*	1.9
N>DL	8194	*Range*	109.9	*95th %tile*	3.9
				98th %tile	8.1
				Max	110.0

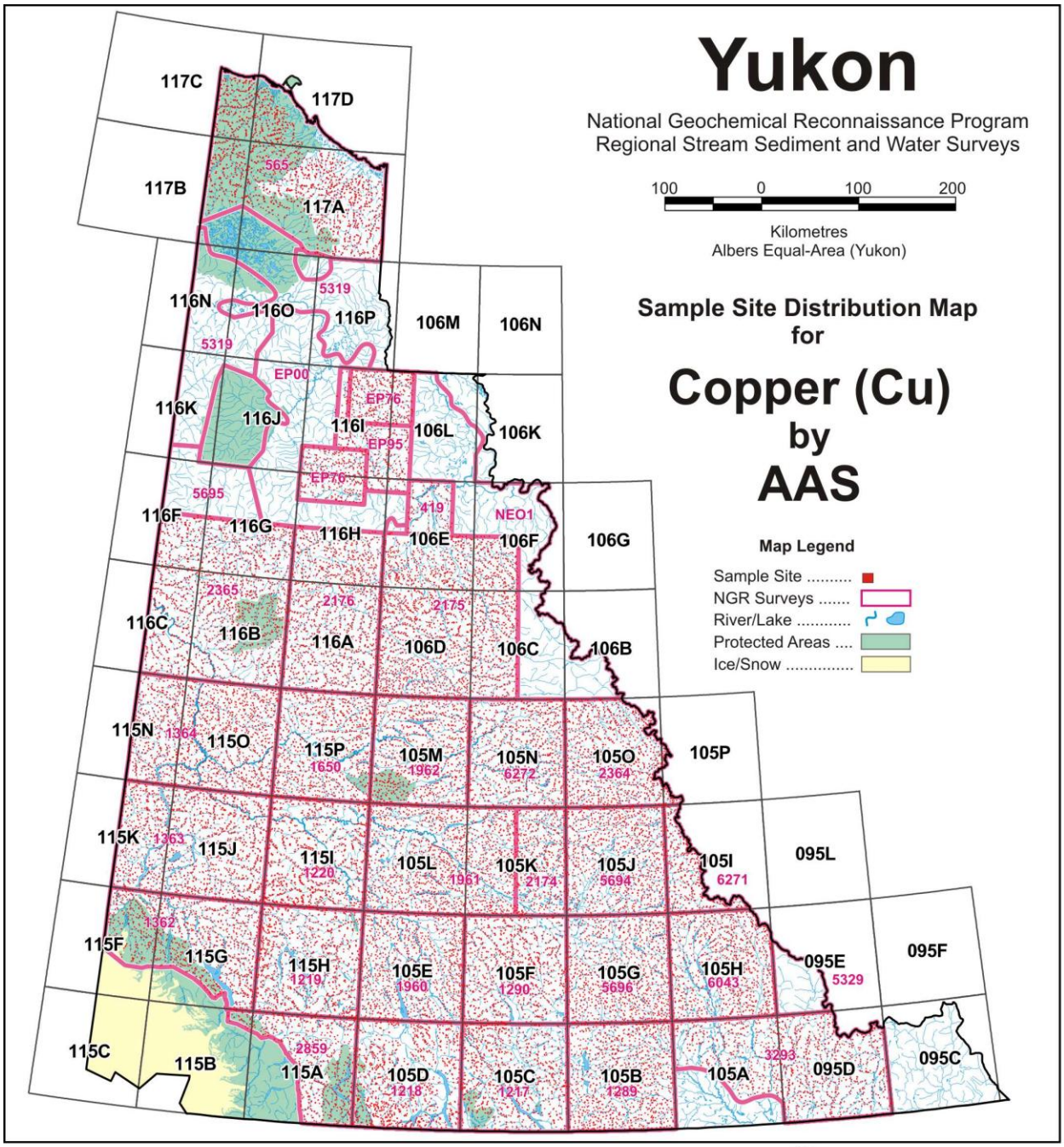




Summary Statistics - Stream Sediments

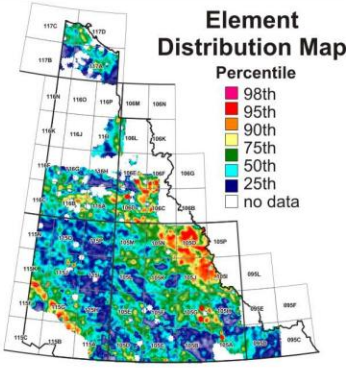
Variable	CO	*Mean*	10	*Min*	1
Units	ppm	*Median*	9	*25th %tile*	6
DL	2	*Mode*	8	*50th %tile*	9
Method	AAS	*StD*	10.13	*75th %tile*	12
N	28007	*CV*	0.97	*90th %tile*	17
N>DL	26910	*Range*	428	*95th %tile*	22
				98th %tile	32
				Max	429

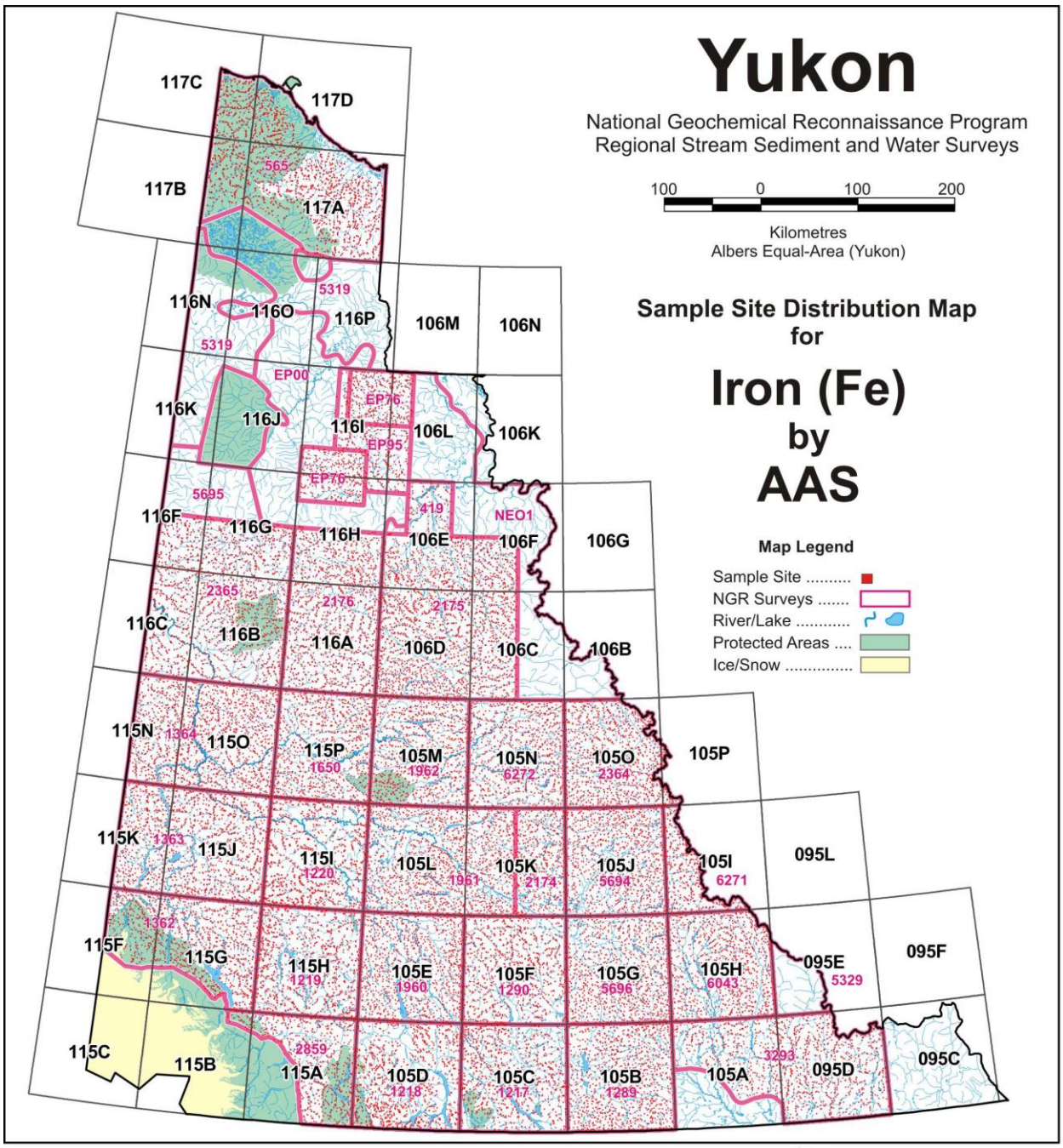




Summary Statistics - Stream Sediments

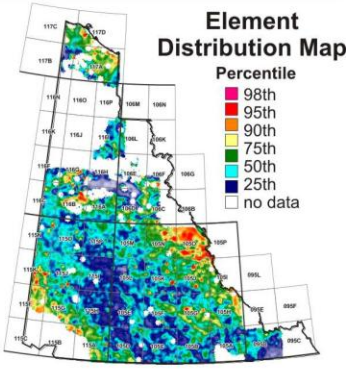
Variable	CU	*Mean*	29	*Min*	1
Units	ppm	*Median*	21	*25th %tile*	14
DL	2	*Mode*	14	*50th %tile*	21
Method	AAS	*StD*	51.00	*75th %tile*	33
N	28007	*CV*	1.75	*90th %tile*	54
N>DL	27951	*Range*	4509	*95th %tile*	74
				98th %tile	105
				Max	4510

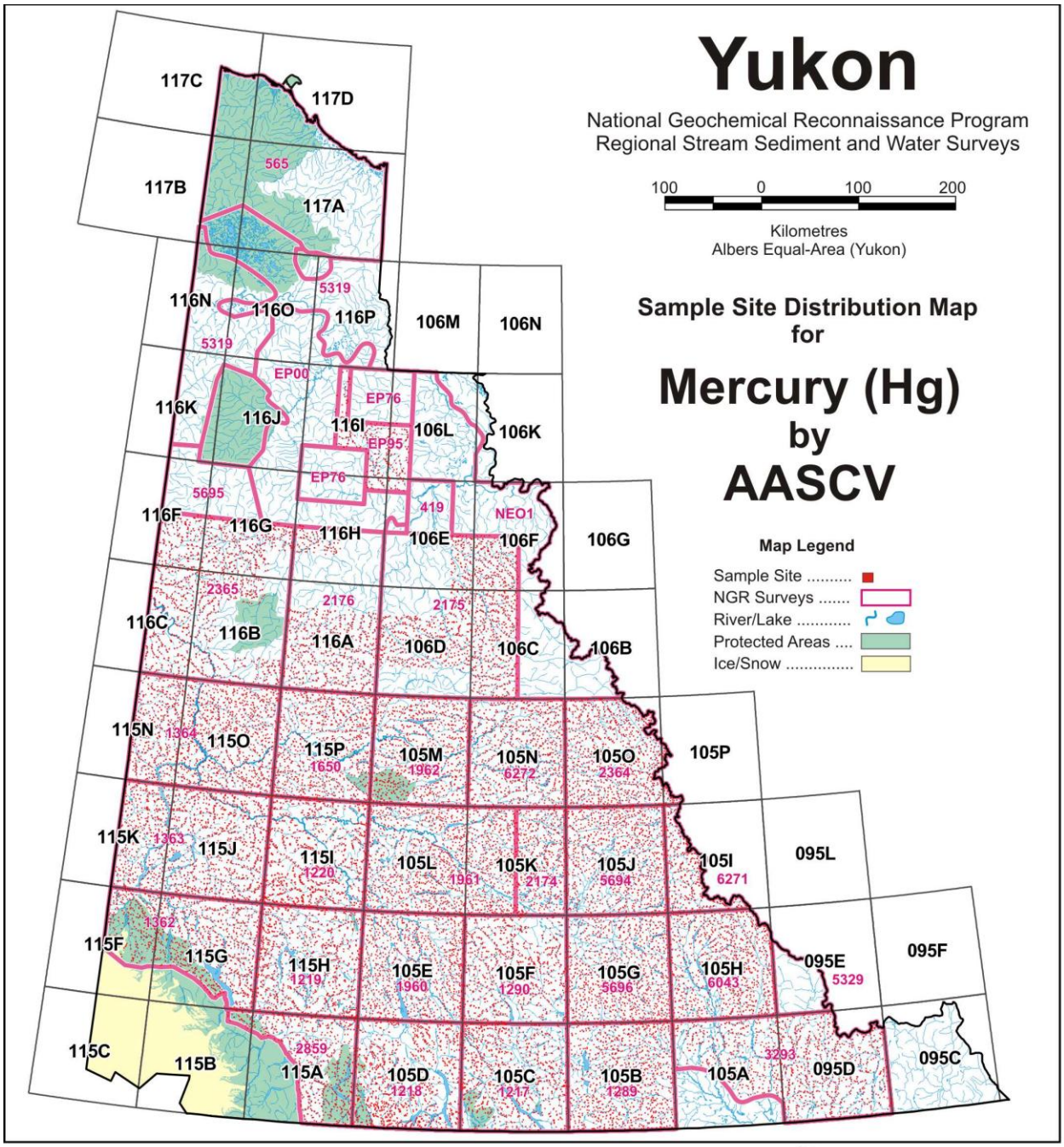




Summary Statistics - Stream Sediments

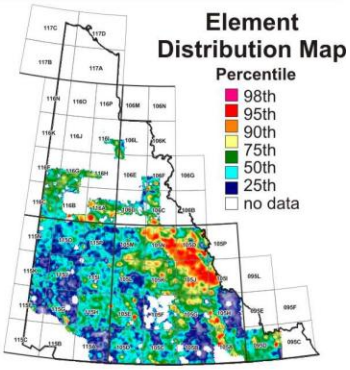
Variable	FE	*Mean*	2.30	*Min*	0.01
Units	pct	*Median*	2.10	*25th %tile*	1.60
DL	0.02	*Mode*	2.00	*50th %tile*	2.10
Method	AAS	*StD*	1.35	*75th %tile*	2.72
N	28006	*CV*	0.59	*90th %tile*	3.50
N>DL	28004	*Range*	33.29	*95th %tile*	4.10
				98th %tile	5.20
				Max	33.30

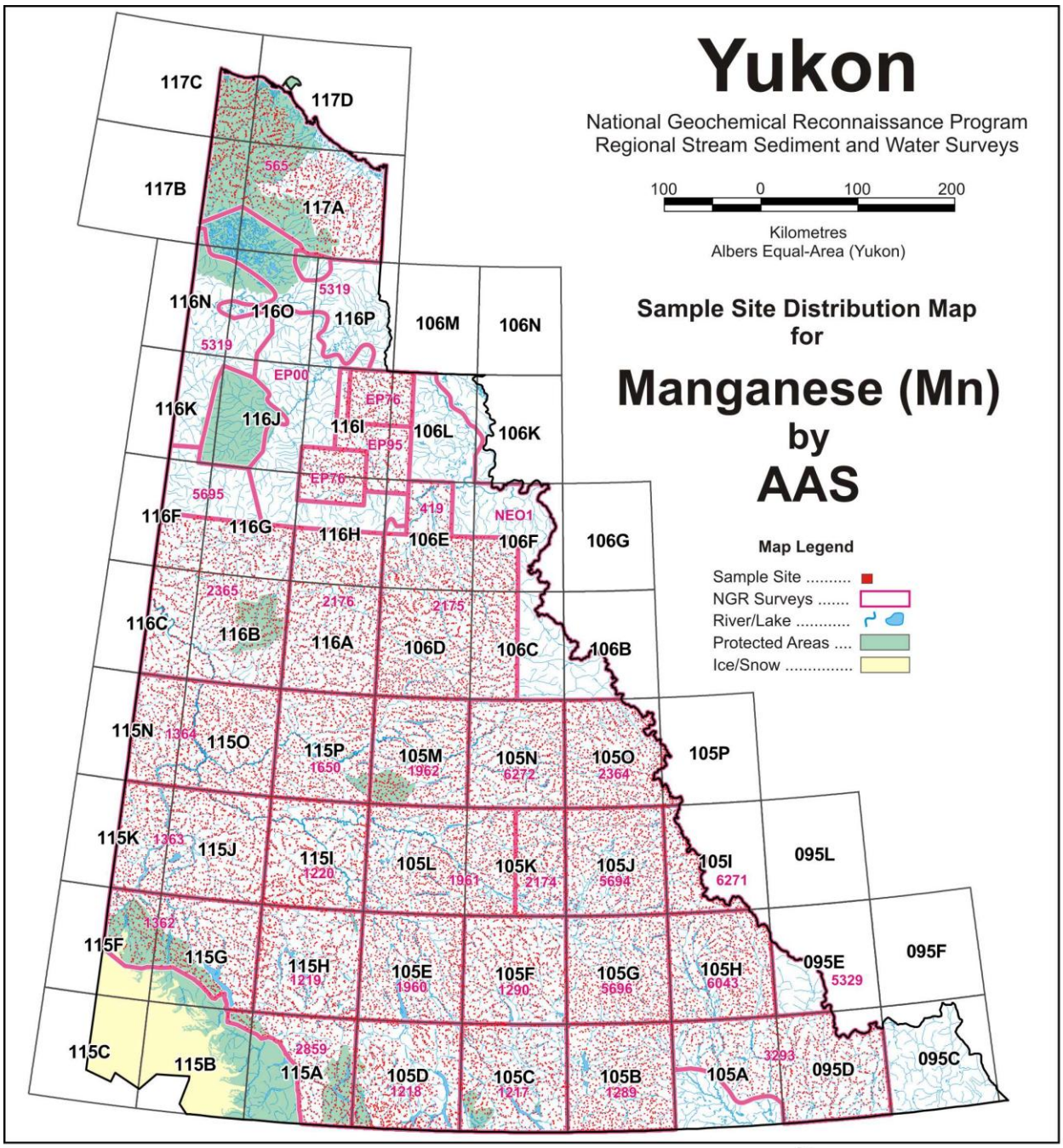




Summary Statistics - Stream Sediments

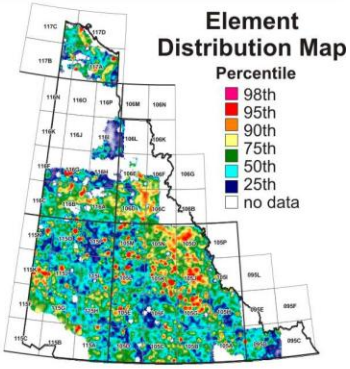
Variable	HG	*Mean*	74	*Min*	3
Units	ppb	*Median*	40	*25th %tile*	25
DL	10	*Mode*	20	*50th %tile*	40
Method	AASCV	*StD*	120.38	*75th %tile*	80
N	23664	*CV*	1.63	*90th %tile*	155
N>DL	22450	*Range*	5947	*95th %tile*	239
				98th %tile	377
				Max	5950

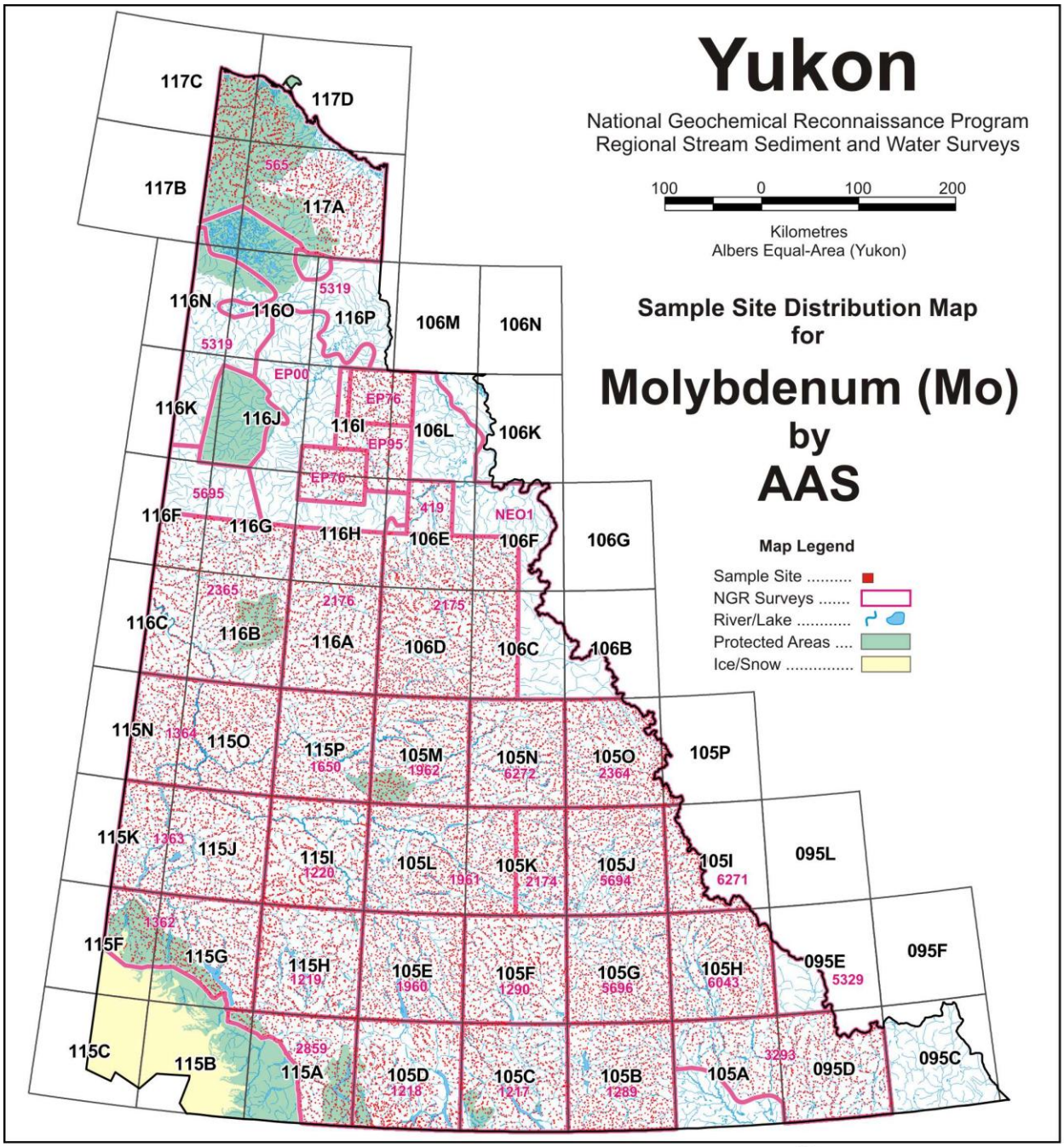




Summary Statistics - Stream Sediments

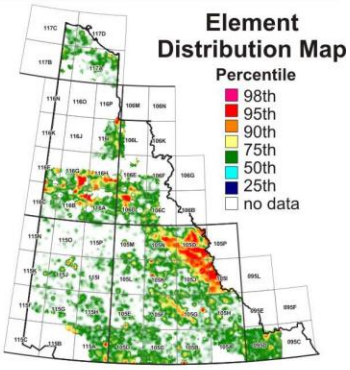
Variable -	MN	*Mean* -	616	*Min* -	3
Units -	ppm	*Median* -	362	*25th %tile* -	243
DL -	5	*Mode* -	260	*50th %tile* -	362
Method -	AAS	*StD* -	1602.23	*75th %tile* -	579
N -	28006	*CV* -	2.60	*90th %tile* -	1001
N>DL -	28003	*Range* -	99997	*95th %tile* -	1600
				98th %tile -	2800
				Max -	100000

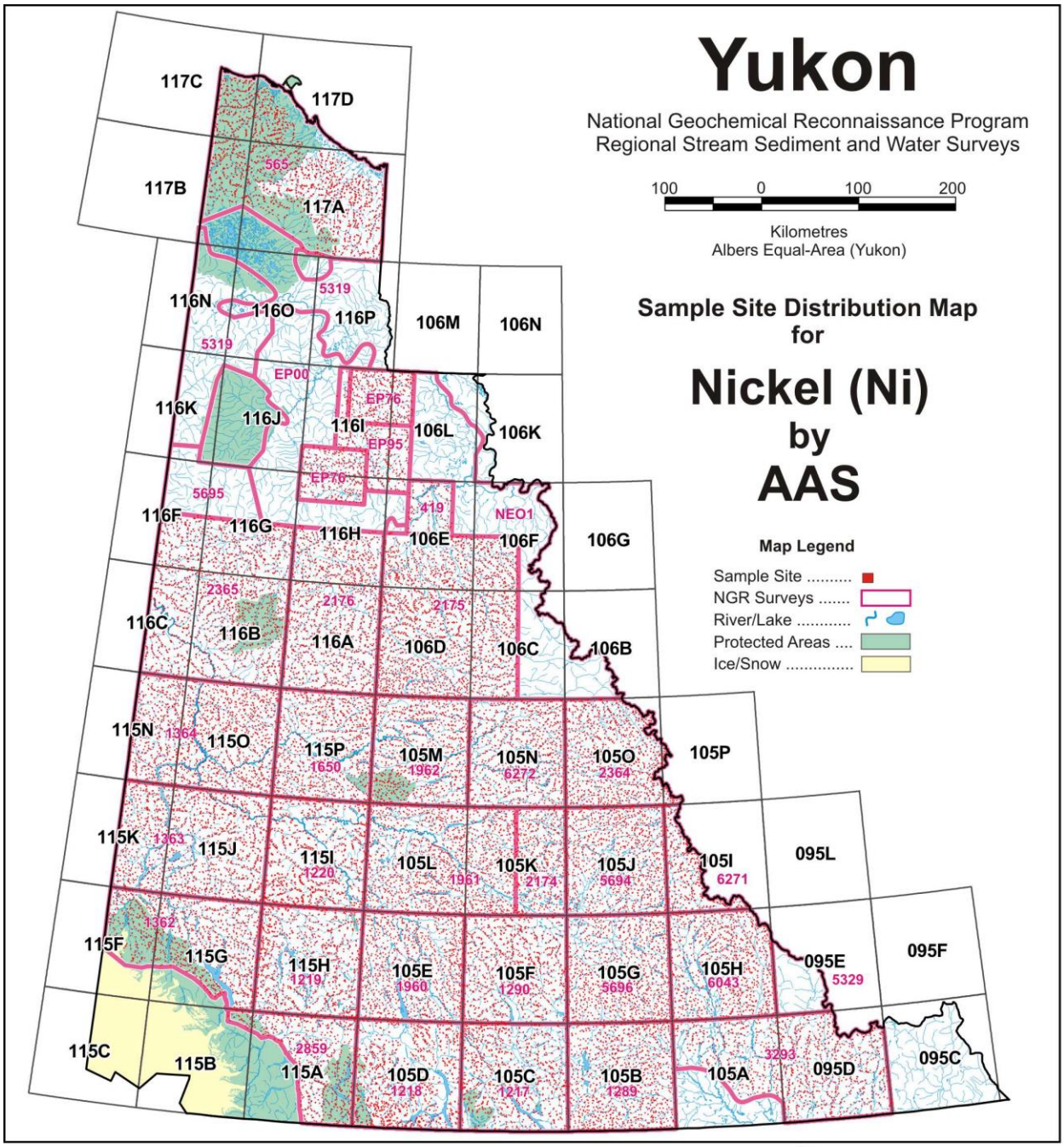




Summary Statistics - Stream Sediments

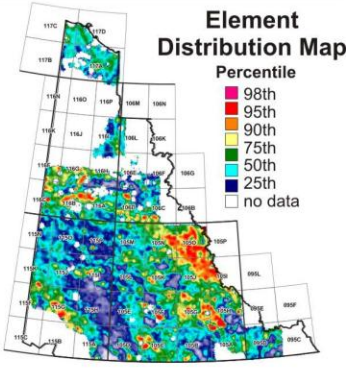
Variable	MO	*Mean*	2	*Min*	1
Units	ppm	*Median*	1	*25th %tile*	1
DL	2	*Mode*	1	*50th %tile*	1
Method	AAS	*StD*	4.04	*75th %tile*	2
N	28008	*CV*	1.62	*90th %tile*	5
N>DL	6510	*Range*	162	*95th %tile*	8
				98th %tile	13
				Max	163

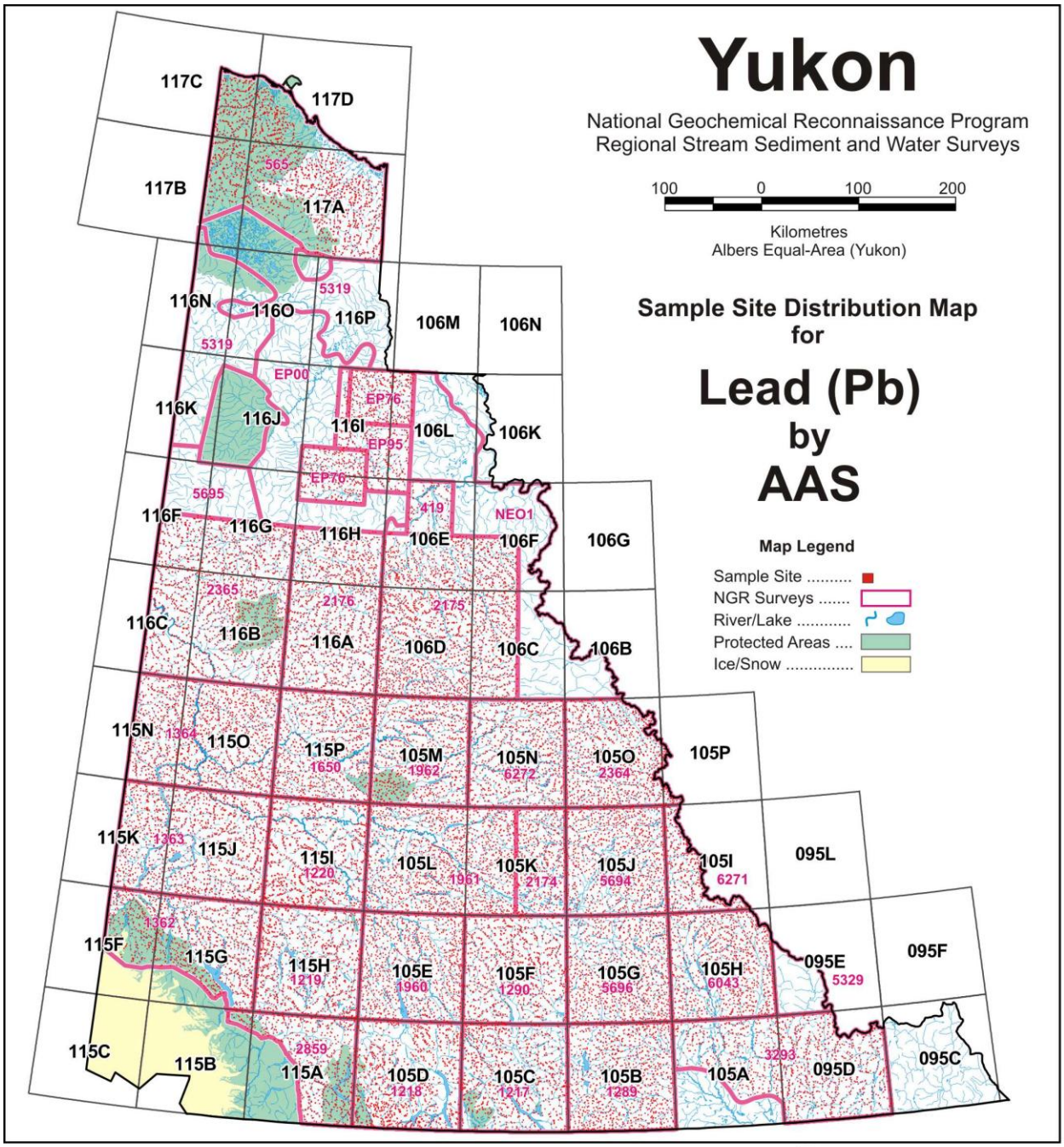




Summary Statistics - Stream Sediments

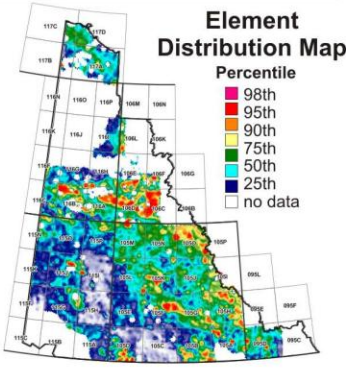
Variable	NI	*Mean*	31	*Min*	1
Units	ppm	*Median*	21	*25th %tile*	14
DL	2	*Mode*	20	*50th %tile*	21
Method	AAS	*StD*	42.51	*75th %tile*	32
N	28007	*CV*	1.39	*90th %tile*	54
N>DL	27664	*Range*	1029	*95th %tile*	82
				98th %tile	139
				Max	1030

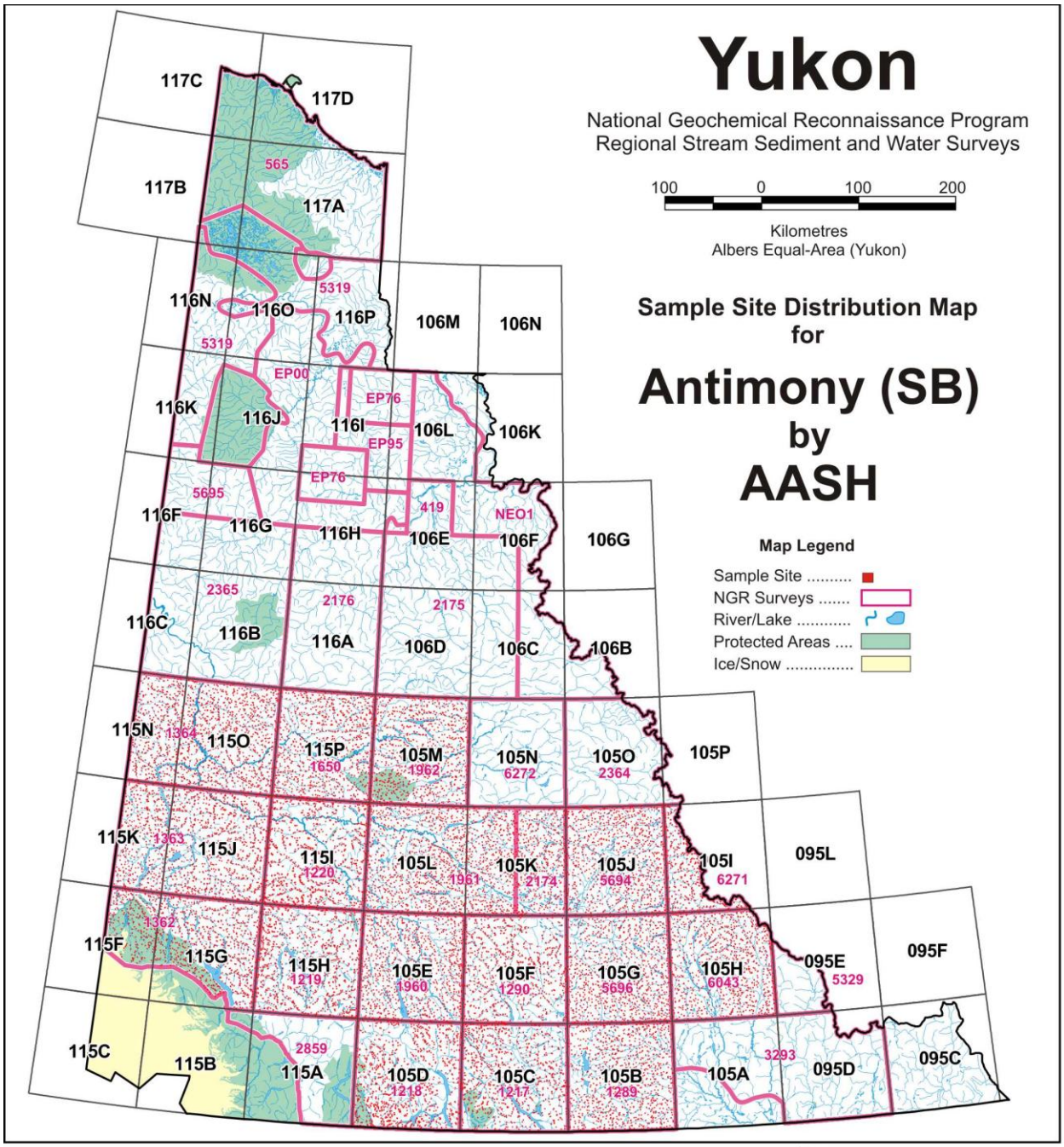




Summary Statistics - Stream Sediments

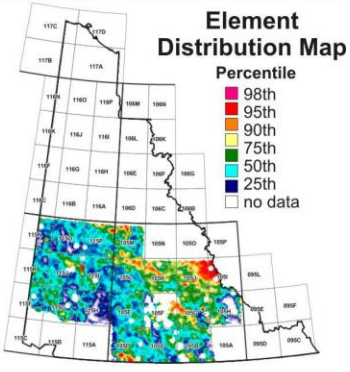
Variable	PB	*Mean*	15	*Min*	1
Units	ppm	*Median*	10	*25th %tile*	6
DL	2	*Mode*	6	*50th %tile*	10
Method	AAS	*StD*	55.19	*75th %tile*	16
N	28007	*CV*	3.80	*90th %tile*	26
N>DL	25527	*Range*	8089	*95th %tile*	37
				98th %tile	60
				Max	8090

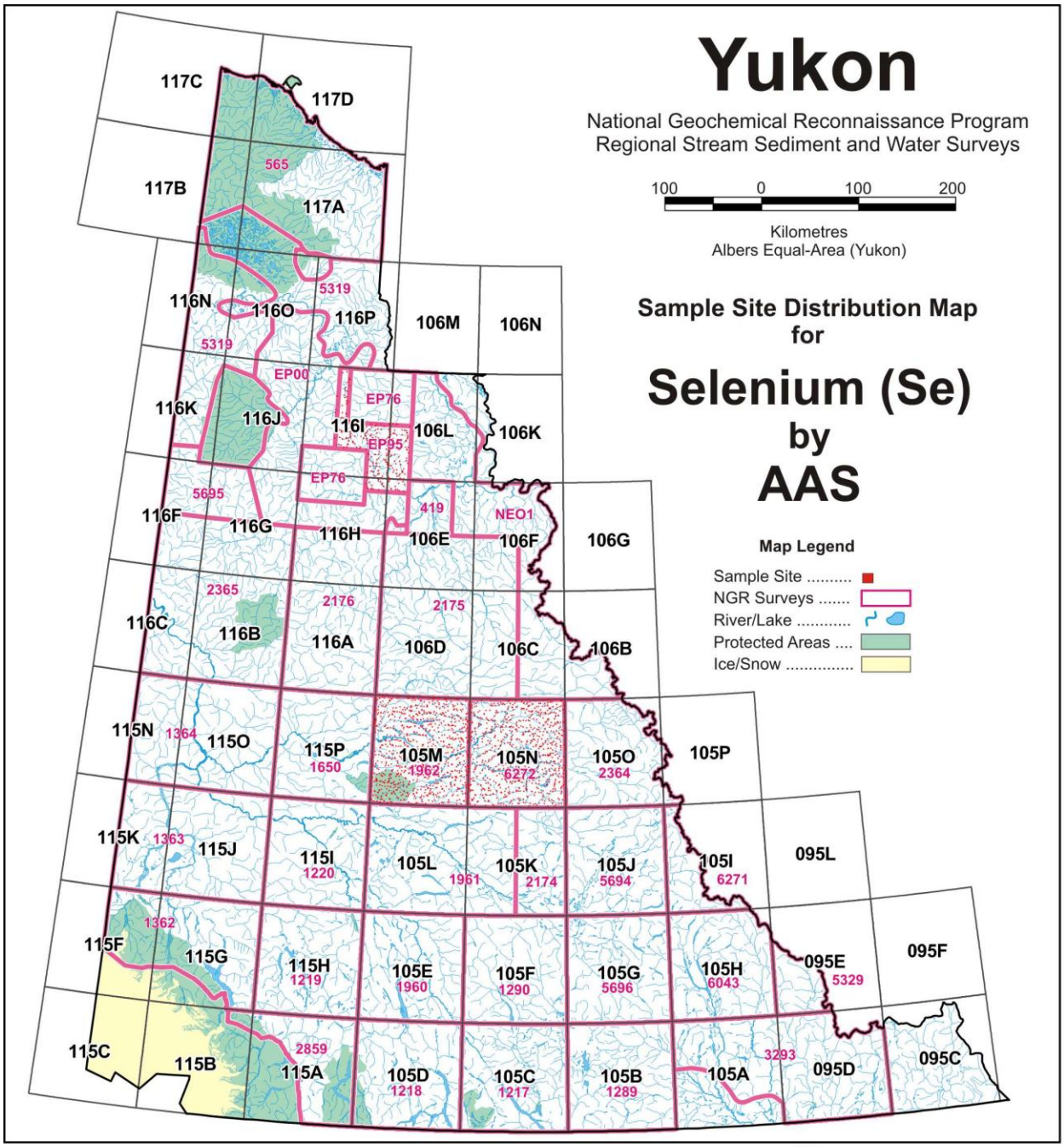




Summary Statistics - Stream Sediments

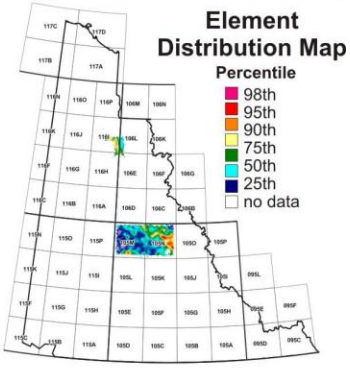
Variable	SB	*Mean*	0.9	*Min*	0.1
Units	ppm	*Median*	0.4	*25th %tile*	0.2
DL	0.2	*Mode*	0.3	*50th %tile*	0.4
Method	AASH	*StD*	2.40	*75th %tile*	0.8
N	16598	*CV*	2.63	*90th %tile*	2.0
N>DL	11821	*Range*	169.9	*95th %tile*	3.2
				98th %tile	5.9
				Max	170.0

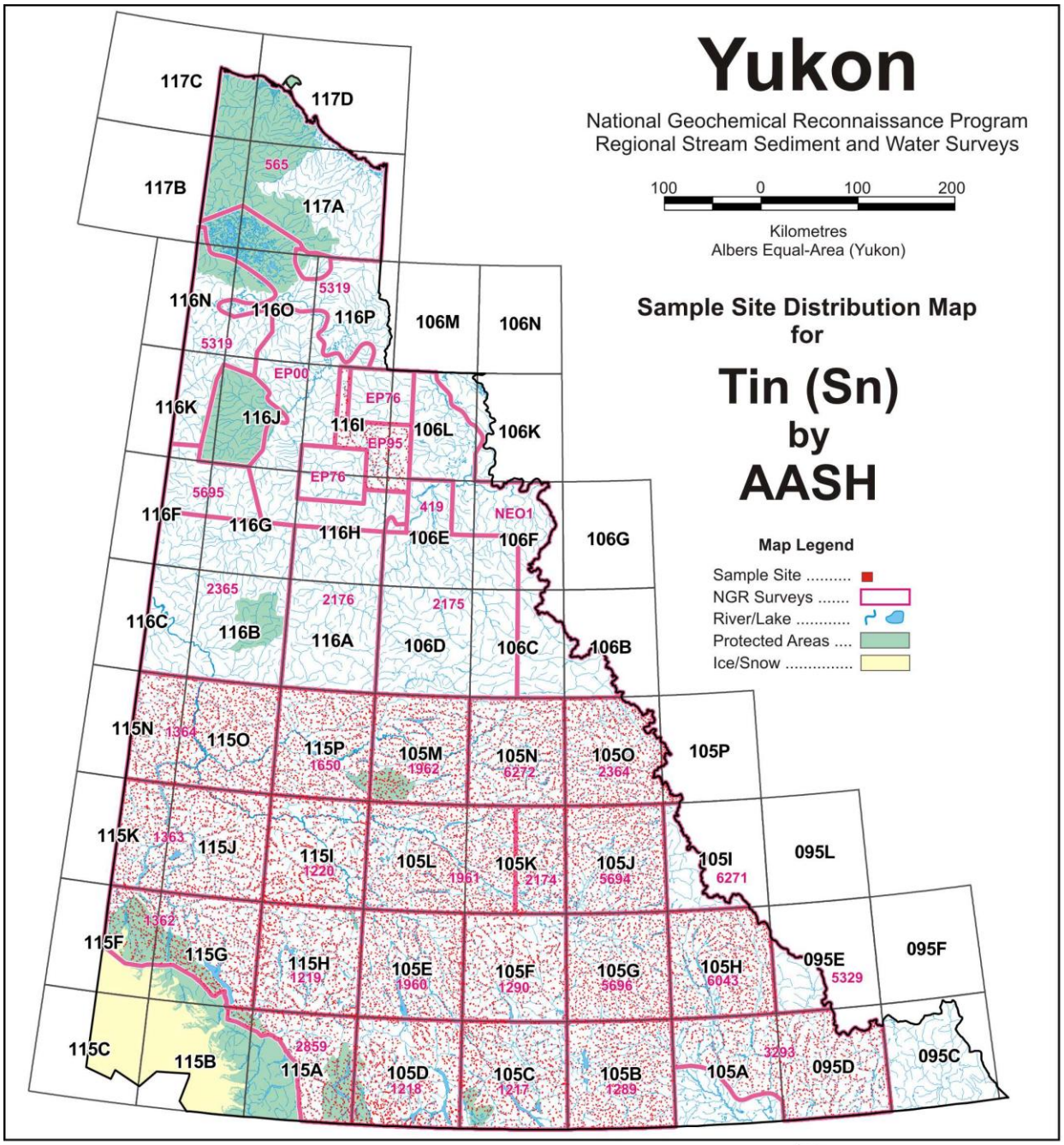




Summary Statistics - Stream Sediments

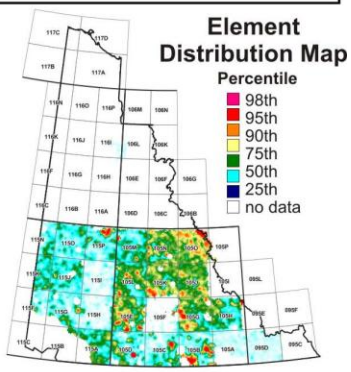
Variable	SE	*Mean*	1.1	*Min*	0.1
Units	ppm	*Median*	0.7	*25th %tile*	0.3
DL	0.2	*Mode*	0.2	*50th %tile*	0.7
Method	AAS	*StD*	1.45	*75th %tile*	1.4
N	1948	*CV*	1.26	*90th %tile*	2.5
N>DL	1604	*Range*	14.9	*95th %tile*	3.7
				98th %tile	5.6
				Max	15.0

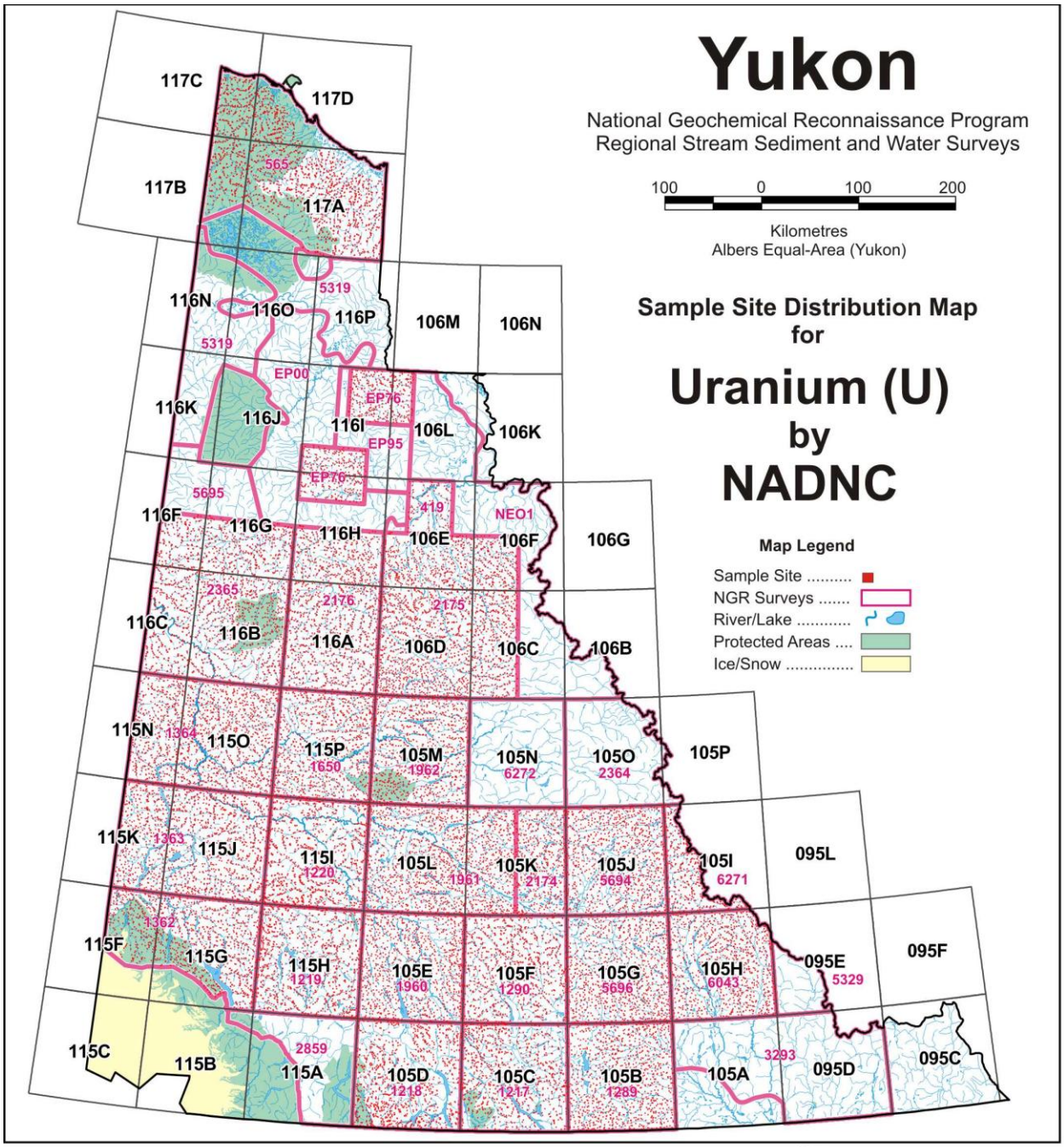




Summary Statistics - Stream Sediments

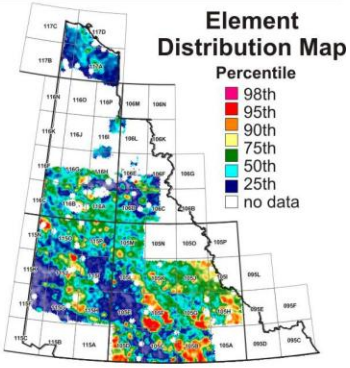
Variable	SN	*Mean*	2.9	*Min*	0.5
Units	ppm	*Median*	2.0	*25th %tile*	1.0
DL	1.0	*Mode*	0.5	*50th %tile*	2.0
Method	AASH	*StD*	13.78	*75th %tile*	3.0
N	20008	*CV*	4.82	*90th %tile*	6.0
N>DL	10892	*Range*	1839.5	*95th %tile*	8.0
				98th %tile	12.0
				Max	1840.0

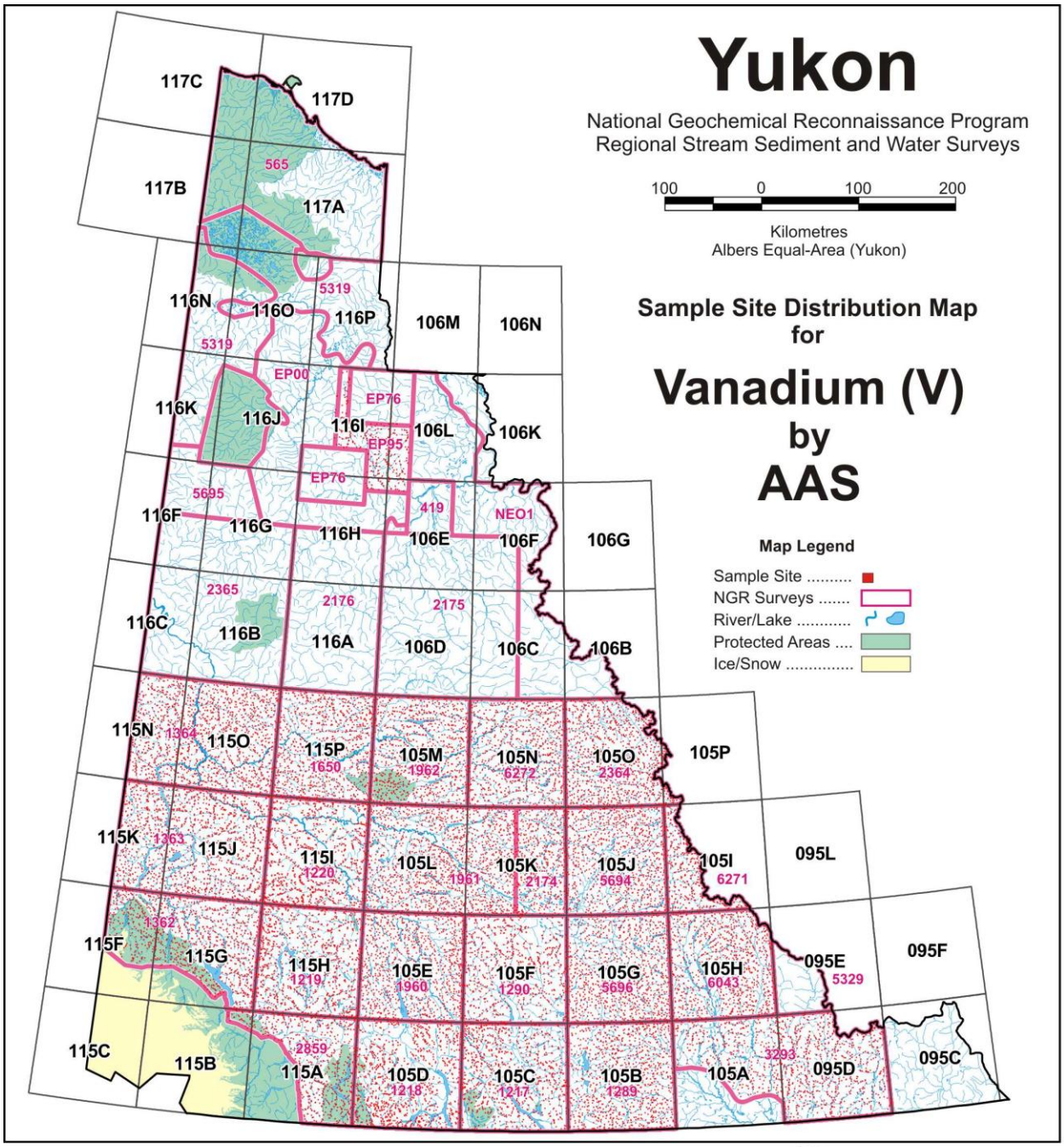




Summary Statistics - Stream Sediments

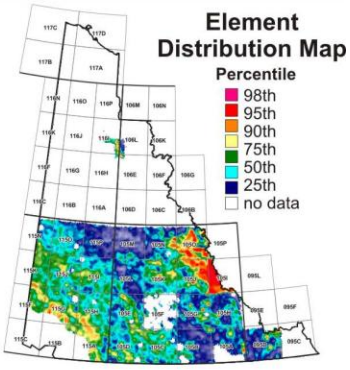
Variable	U	*Mean*	5.4	*Min*	0.1
Units	ppm	*Median*	3.5	*25th %tile*	2.6
DL	0.2,0.5	*Mode*	3.1	*50th %tile*	3.5
Method	NADNC	*StD*	9.09	*75th %tile*	5.0
N	24234	*CV*	1.69	*90th %tile*	9.1
N>DL	24210	*Range*	480.9	*95th %tile*	14.2
				98th %tile	25.4
				Max	481.0

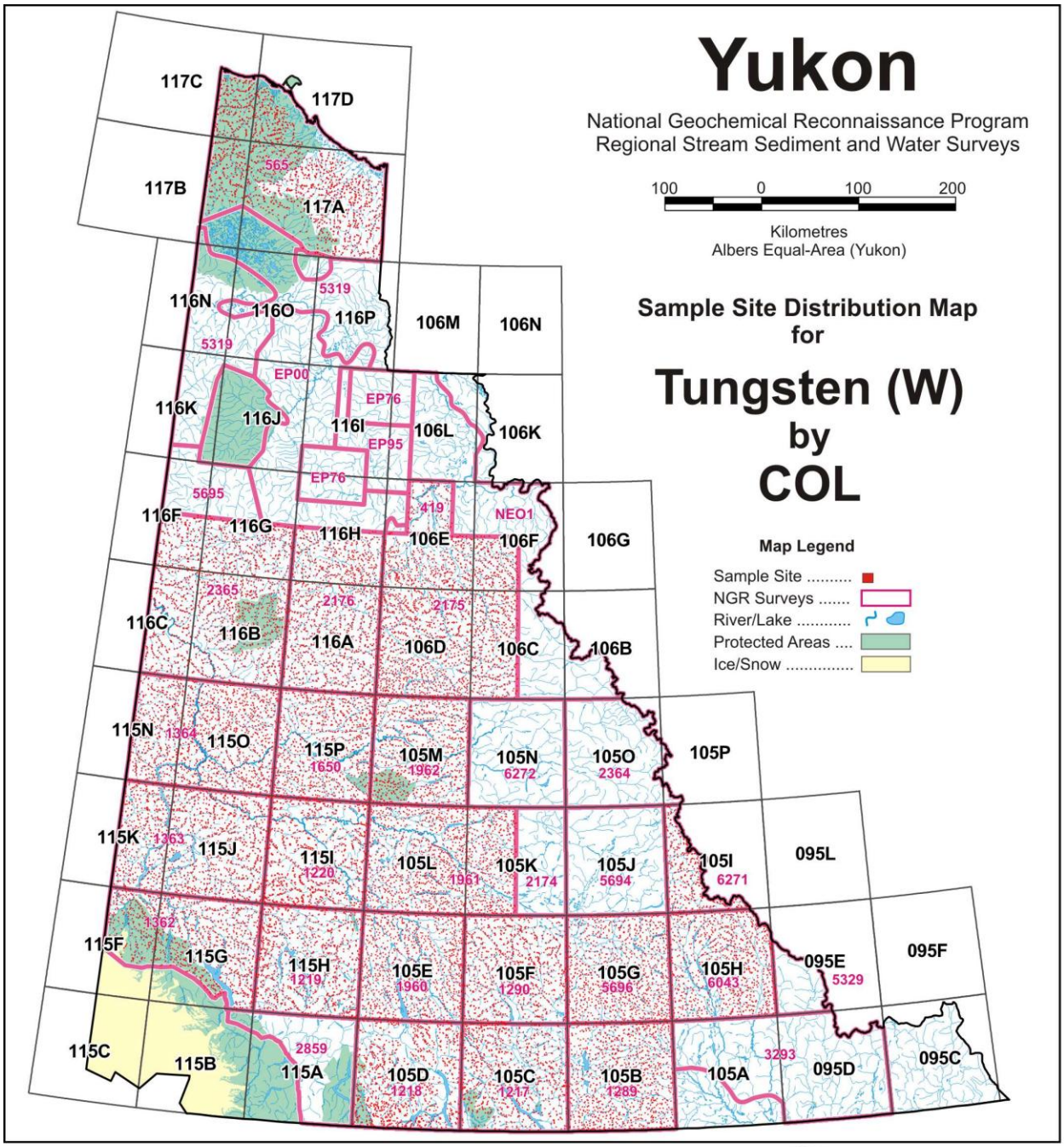




Summary Statistics - Stream Sediments

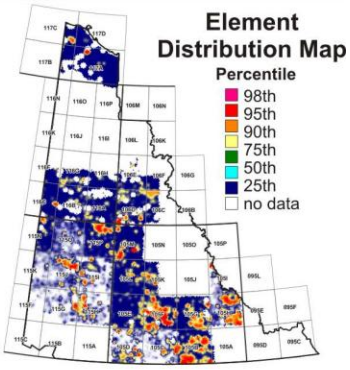
Variable	V	*Mean*	43	*Min*	3
Units	ppm	*Median*	34	*25th %tile*	24
DL	5	*Mode*	35	*50th %tile*	34
Method	AAS	*StD*	51.22	*75th %tile*	46
N	20322	*CV*	1.20	*90th %tile*	65
N>DL	20286	*Range*	1779	*95th %tile*	87
				98th %tile	134
				Max	1782

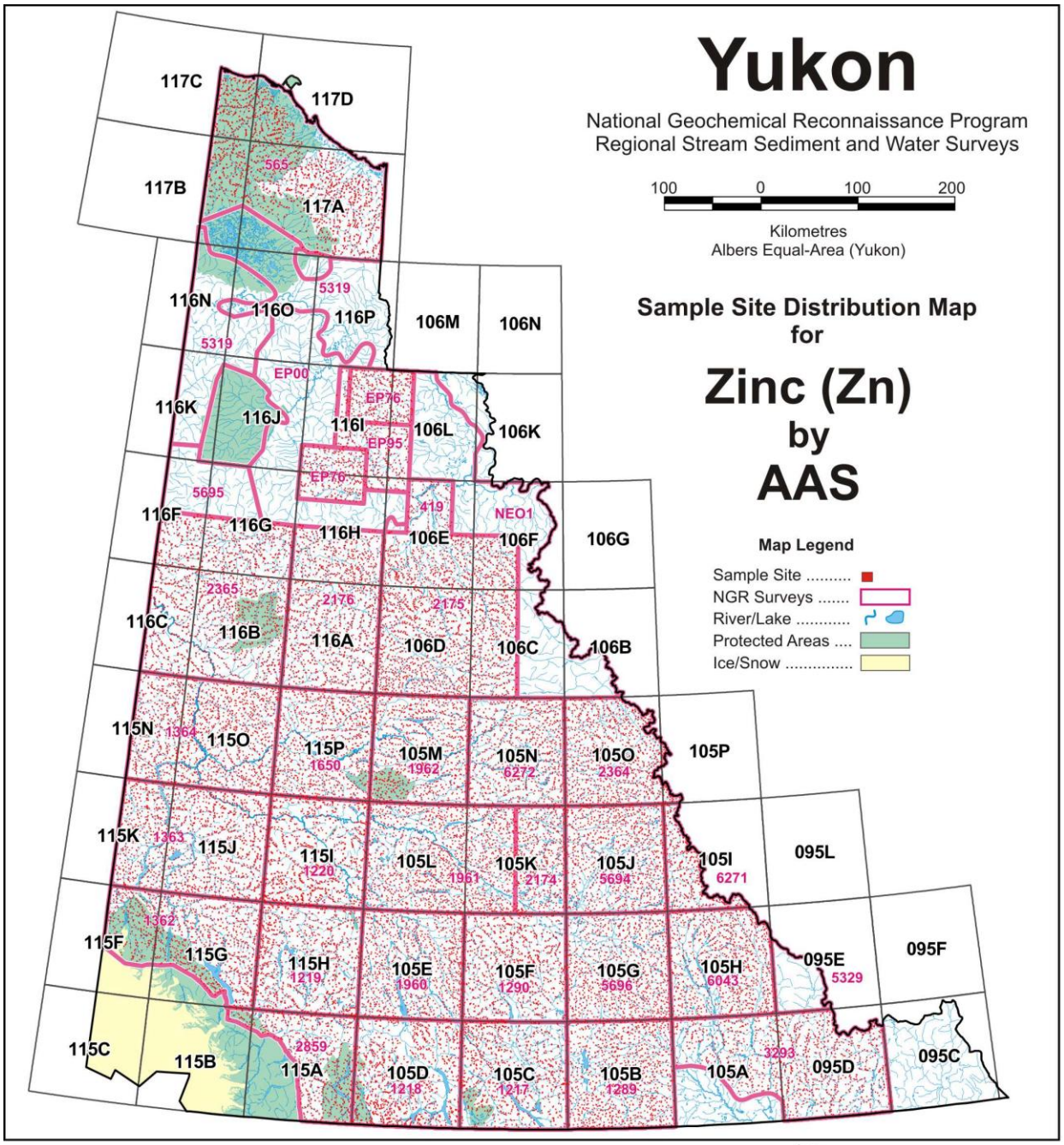




Summary Statistics - Stream Sediments

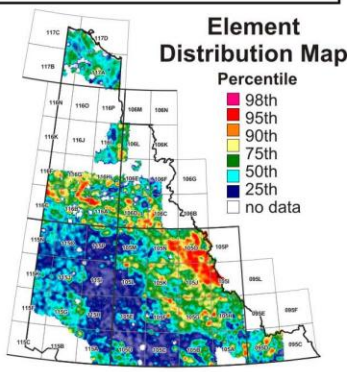
Variable	W	*Mean*	3	*Min*	1
Units	ppm	*Median*	2	*25th %tile*	2
DL	2	*Mode*	2	*50th %tile*	2
Method	COL	*StD*	8.09	*75th %tile*	2
N	22257	*CV*	3.14	*90th %tile*	3
N>DL	2508	*Range*	799	*95th %tile*	5
				98th %tile	10
				Max	800

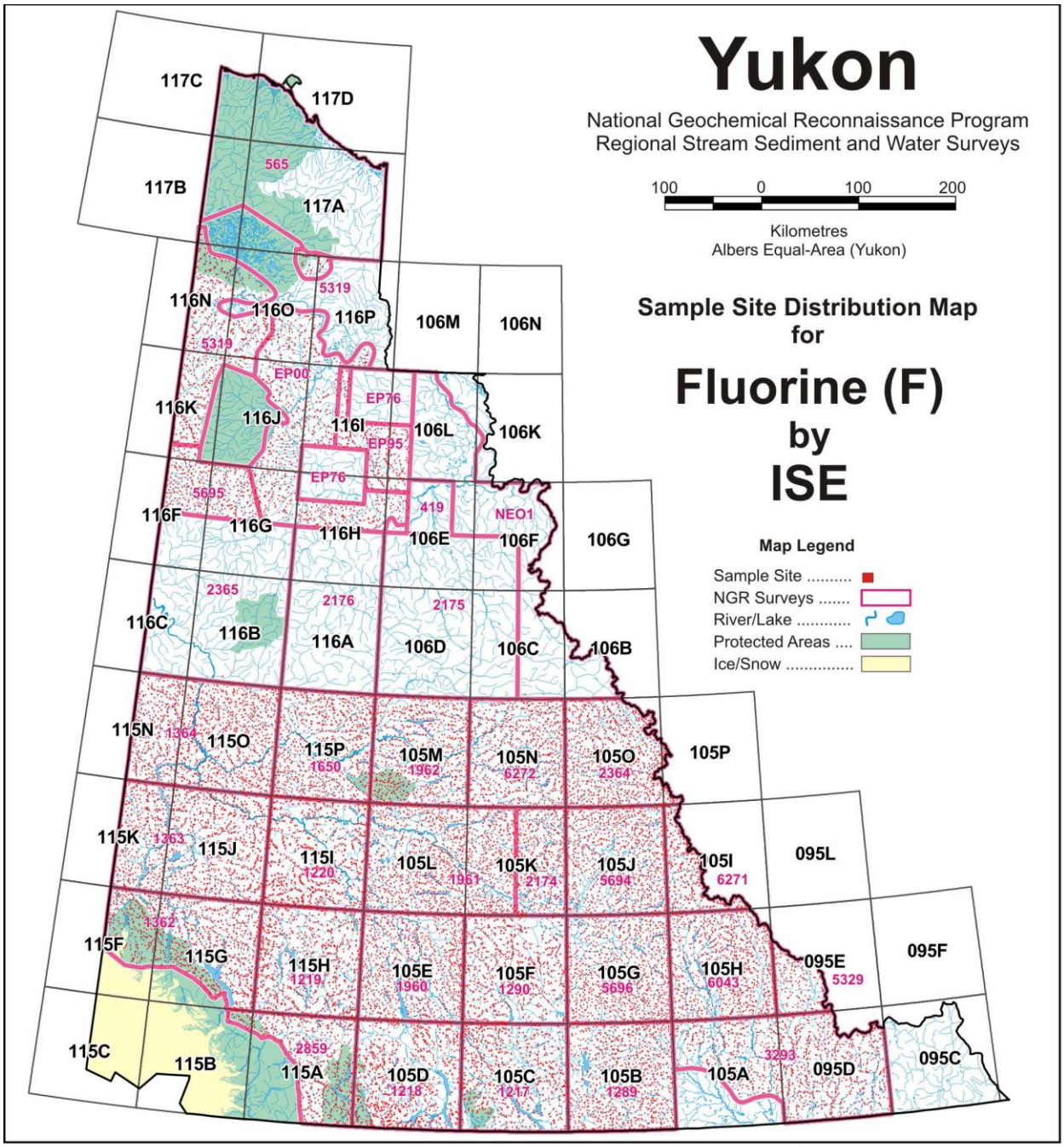




Summary Statistics - Stream Sediments

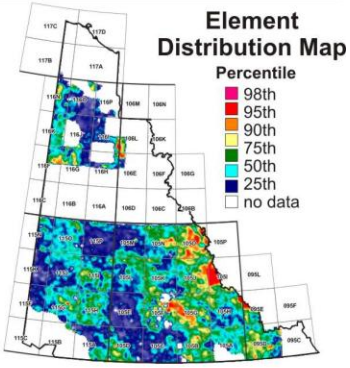
Variable	ZN	*Mean*	142	*Min*	2
Units	ppm	*Median*	81	*25th %tile*	57
DL	2	*Mode*	66	*50th %tile*	81
Method	AAS	*StD*	267.81	*75th %tile*	130
N	28007	*CV*	1.88	*90th %tile*	245
N>DL	28006	*Range*	7988	*95th %tile*	405
				98th %tile	830
				Max	7990

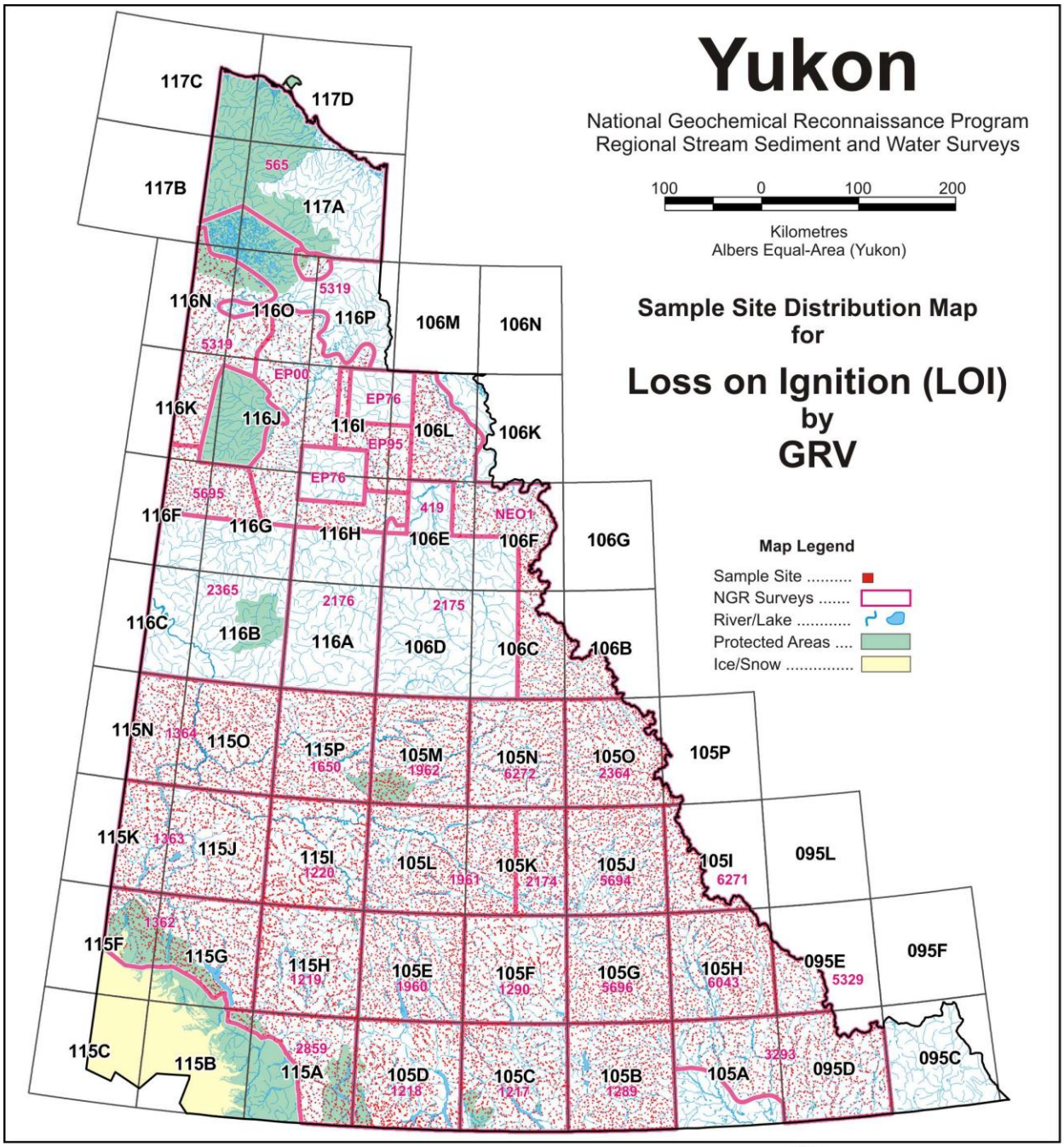




Summary Statistics - Stream Sediments

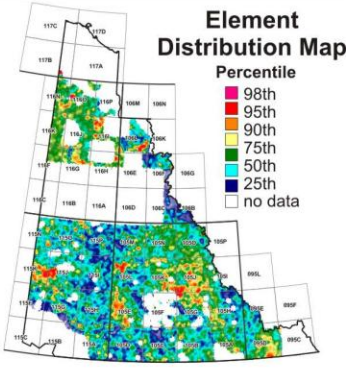
Variable	F	*Mean*	405	*Min*	10
Units	ppm	*Median*	365	*25th %tile*	290
DL	20	*Mode*	400	*50th %tile*	365
Method	ISE	*StD*	202.59	*75th %tile*	472
N	22323	*CV*	0.50	*90th %tile*	605
N>DL	22323	*Range*	6900	*95th %tile*	720
				98th %tile	920
				Max	6910

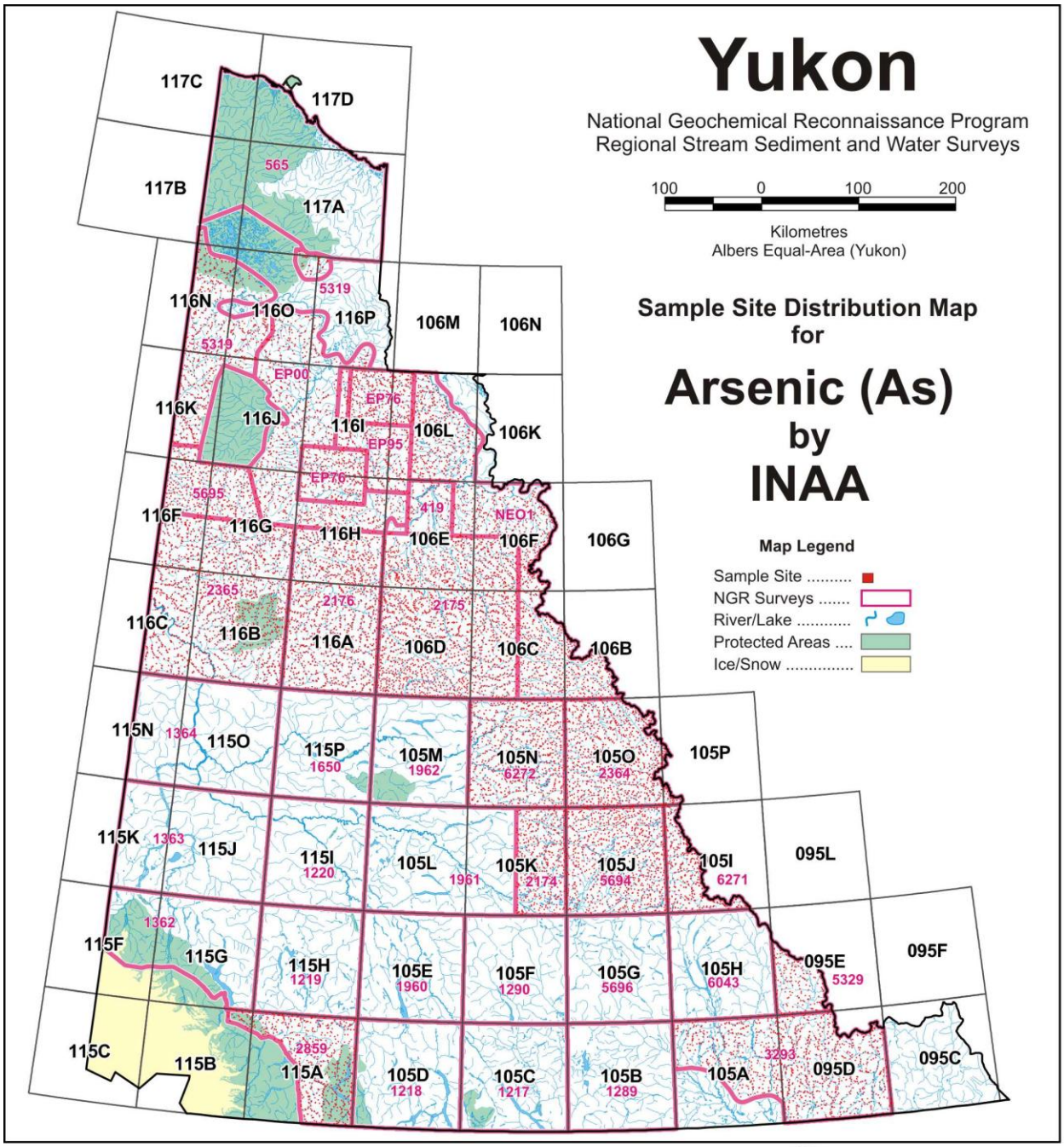




Summary Statistics - Stream Sediments

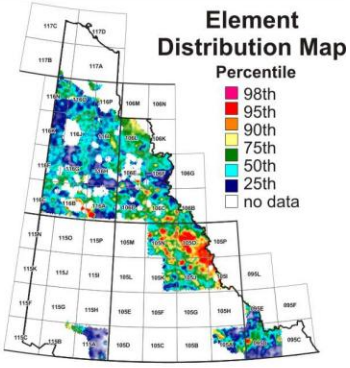
Variable	LOI	*Mean*	9.0	*Min*	0.3
Units	pct	*Median*	6.6	*25th %tile*	4.2
DL	0.1	*Mode*	4.4	*50th %tile*	6.6
Method	GRV	*StD*	9.25	*75th %tile*	10.4
N	23464	*CV*	1.03	*90th %tile*	16.2
N>DL	23464	*Range*	99.7	*95th %tile*	22.9
				98th %tile	38.0
				Max	100.0

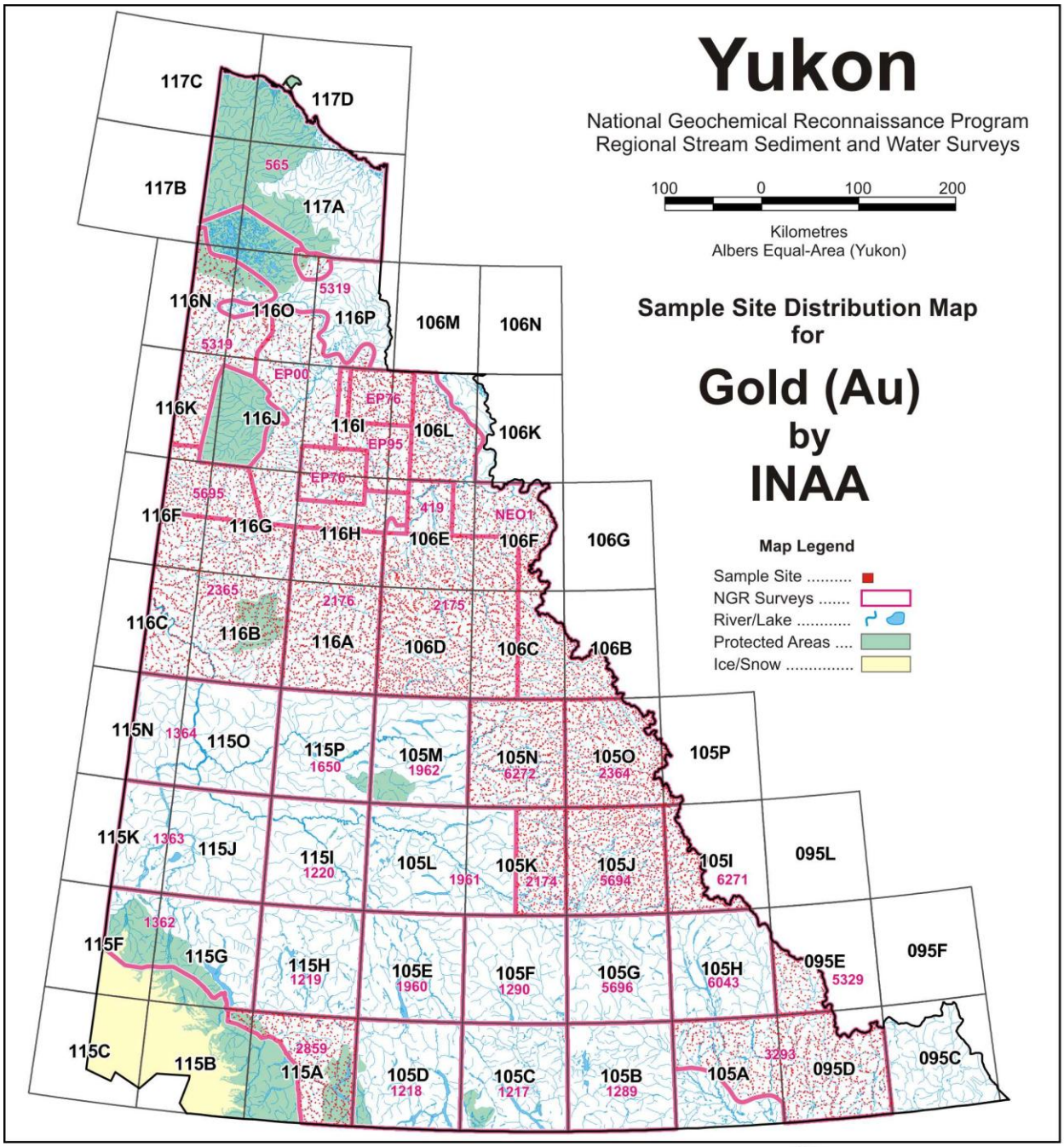




Summary Statistics - Stream Sediments

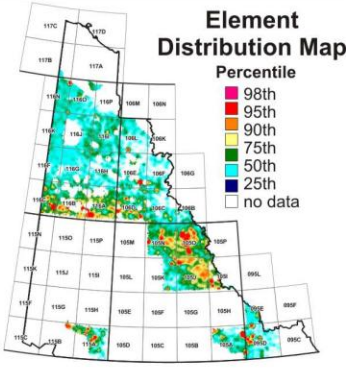
Variable	AS	*Mean*	18.3	*Min*	0.2
Units	ppm	*Median*	11.0	*25th %tile*	7.2
DL	0.5	*Mode*	11.0	*50th %tile*	11.0
Method	INAA	*StD*	54.67	*75th %tile*	17.0
N	14310	*CV*	2.98	*90th %tile*	28.0
N>DL	14281	*Range*	3799.8	*95th %tile*	43.0
				98th %tile	88.7
				Max	3800.0

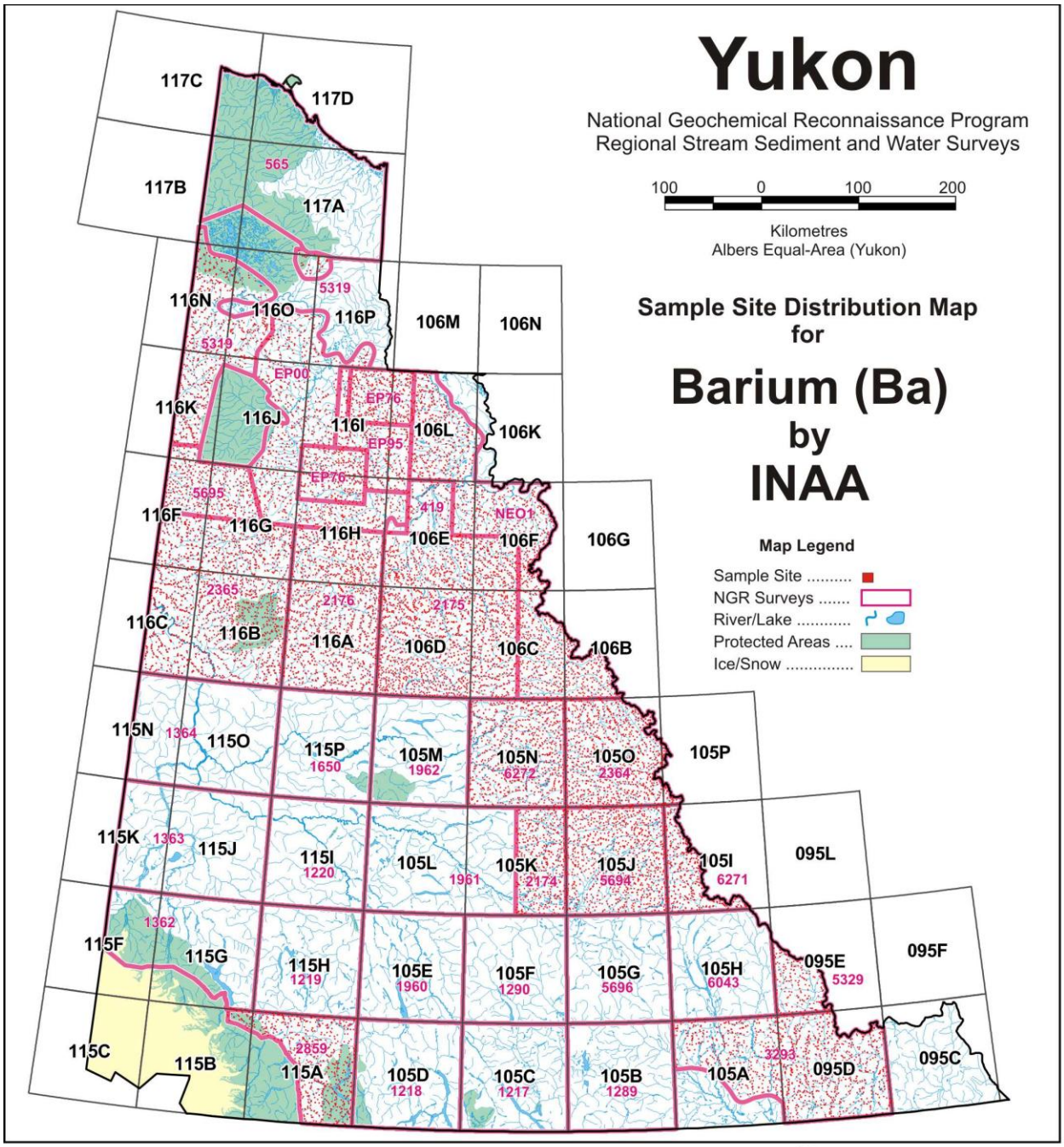




Summary Statistics - Stream Sediments

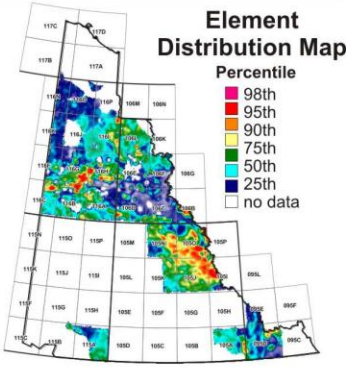
Variable	AU	*Mean*	5	*Min*	1
Units	ppb	*Median*	2	*25th %tile*	1
DL	2	*Mode*	1	*50th %tile*	2
Method	INAA	*StD*	18.79	*75th %tile*	5
N	14310	*CV*	3.87	*90th %tile*	9
N>DL	7079	*Range*	1049.0	*95th %tile*	13
				98th %tile	21
				Max	1050

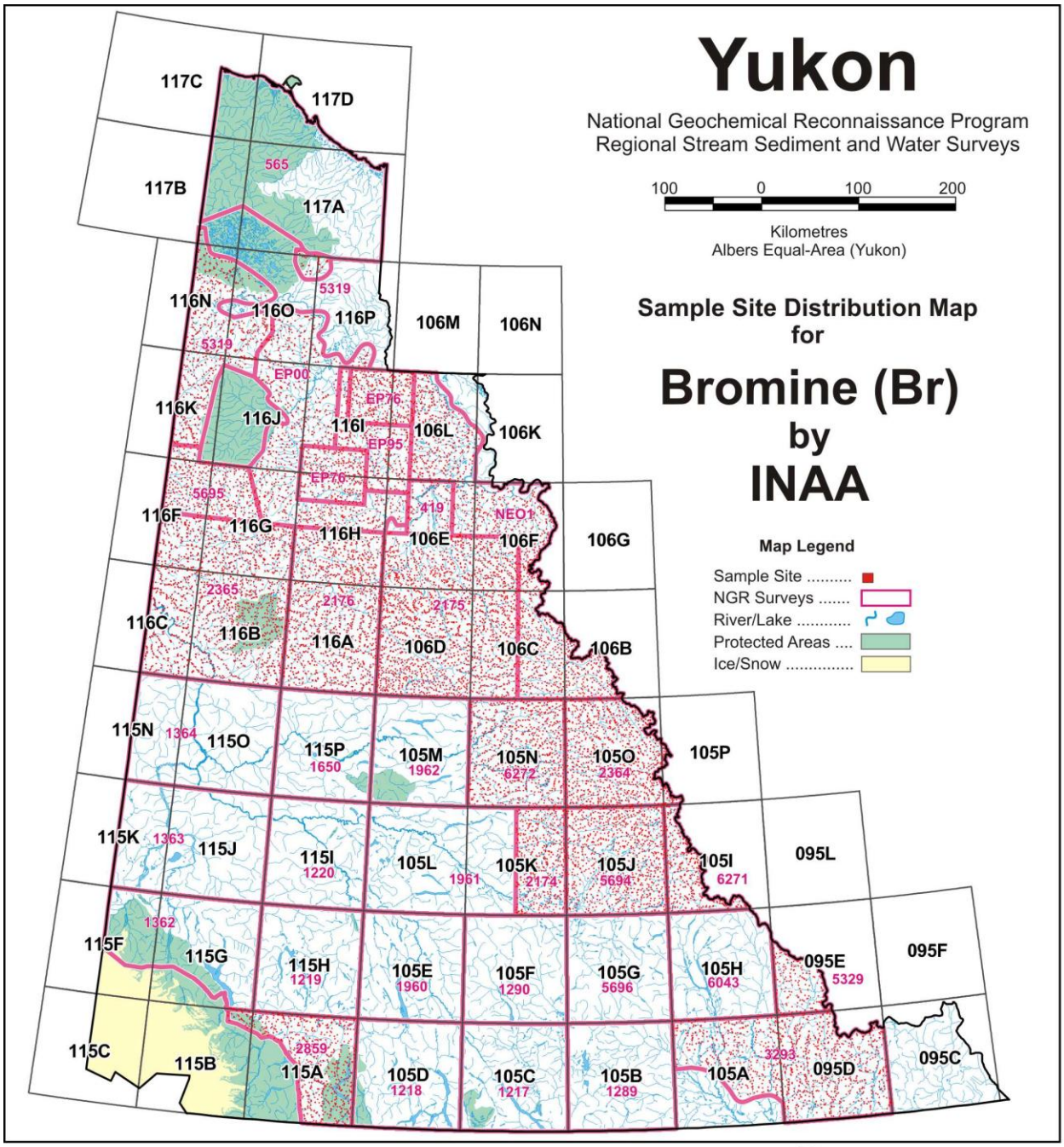




Summary Statistics - Stream Sediments

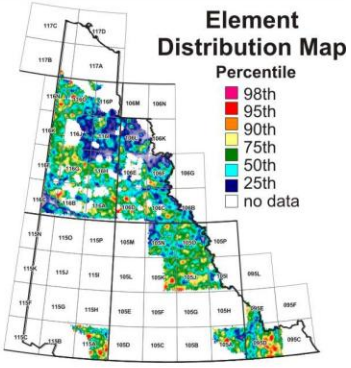
Variable	BA	*Mean*	1714	*Min*	25
Units	ppm	*Median*	1000	*25th %tile*	670
DL	50	*Mode*	1100	*50th %tile*	1000
Method	INAA	*StD*	3190.43	*75th %tile*	1700
N	14310	*CV*	1.86	*90th %tile*	3300
N>DL	14260	*Range*	109975	*95th %tile*	5200
				98th %tile	8300
				Max	110000

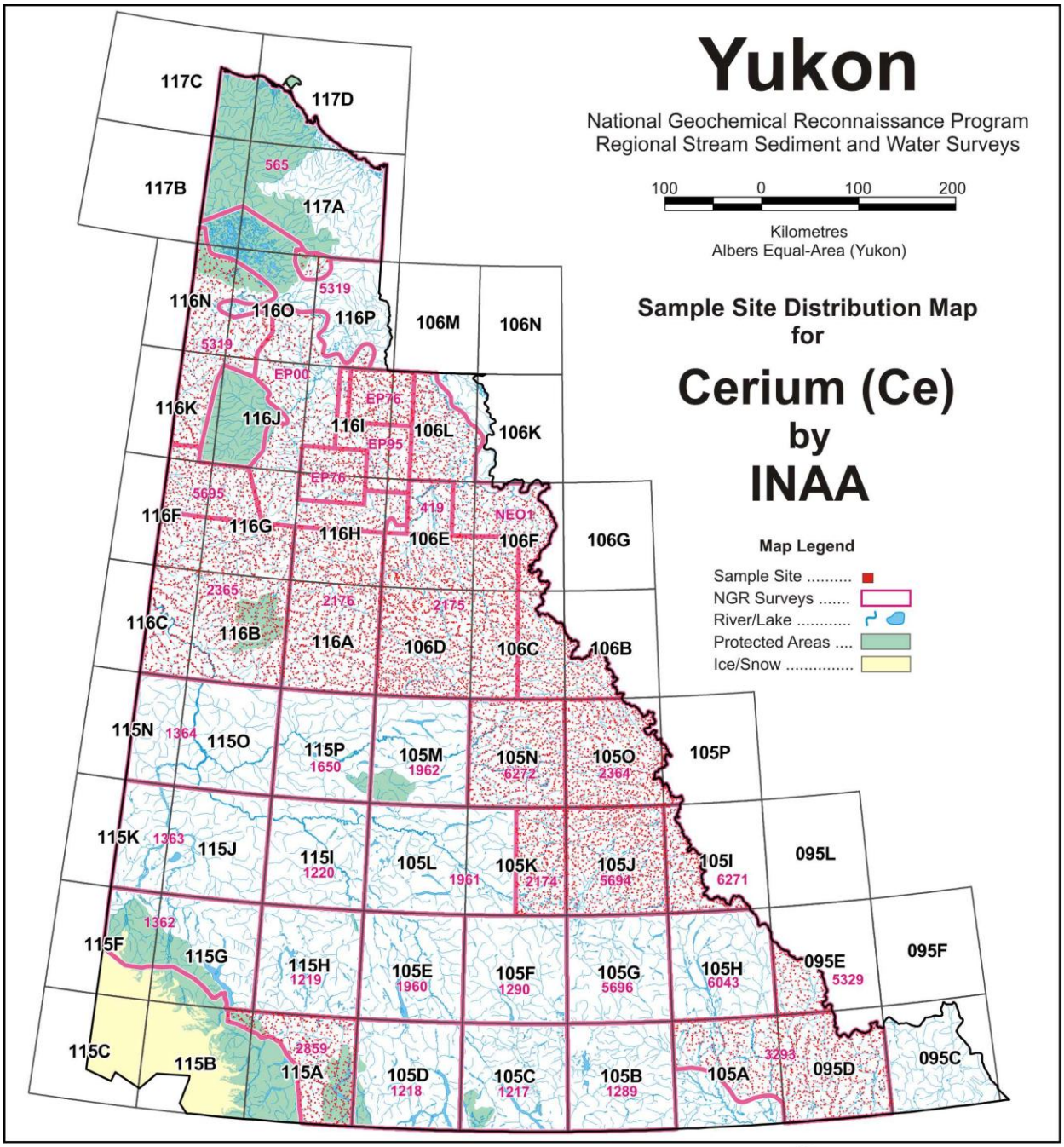




Summary Statistics - Stream Sediments

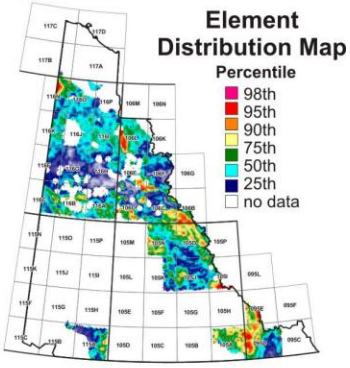
Variable	BR	*Mean*	5.2	*Min*	0.3
Units	ppm	*Median*	3.4	*25th %tile*	1.9
DL	0.5	*Mode*	0.3	*50th %tile*	3.4
Method	INAA	*StD*	8.51	*75th %tile*	5.9
N	14310	*CV*	1.64	*90th %tile*	10.0
N>DL	13728	*Range*	434.7	*95th %tile*	15.0
				98th %tile	23.0
				Max	435.0

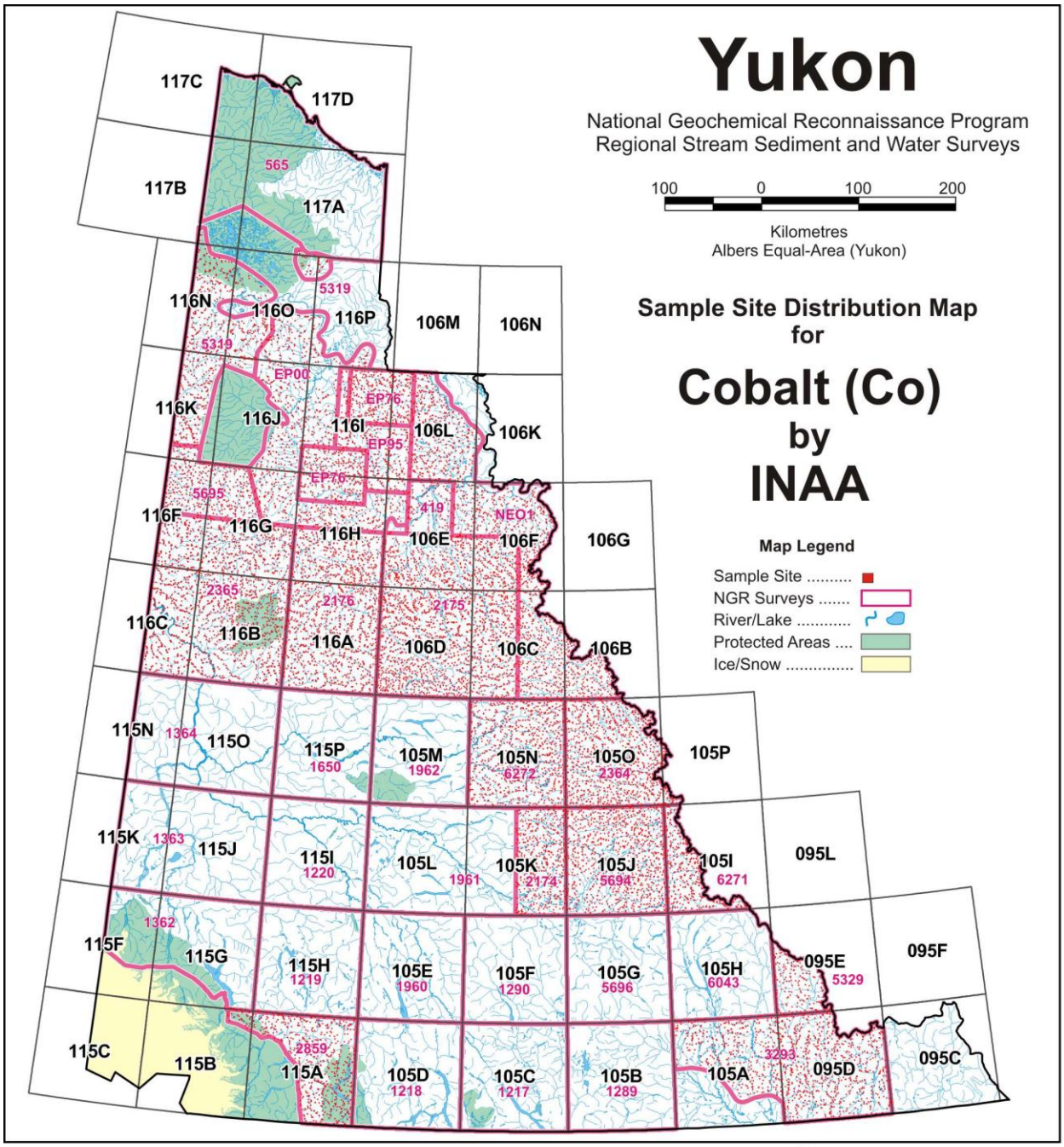




Summary Statistics - Stream Sediments

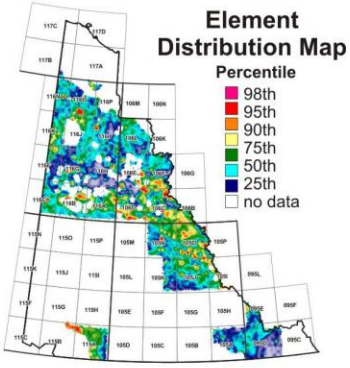
Variable	CE	*Mean*	68.8	*Min*	2.5
Units	ppm	*Median*	63	*25th %tile*	49.0
DL	5,3	*Mode*	110	*50th %tile*	63.0
Method	INAA	*StD*	40.18	*75th %tile*	82.0
N	14310	*CV*	0.58	*90th %tile*	110.0
N>DL	14223	*Range*	1447.5	*95th %tile*	130.0
				98th %tile	160.0
				Max	1450.0

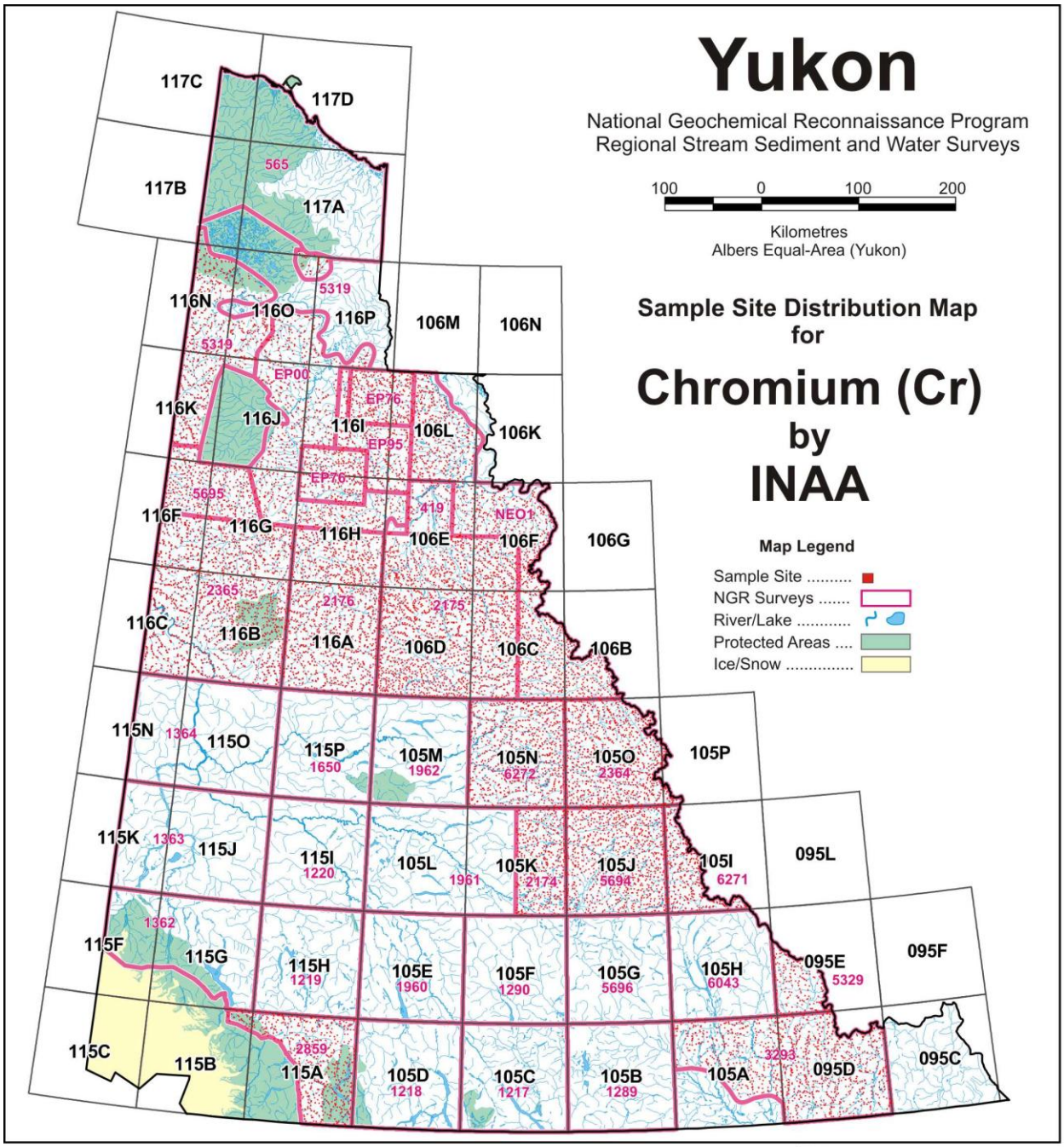




Summary Statistics - Stream Sediments

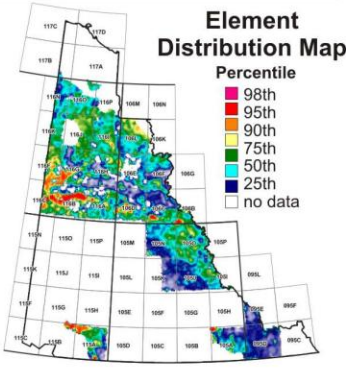
Variable	CO	*Mean*	14	*Min*	1
Units	ppm	*Median*	12	*25th %tile*	8
DL	5,1	*Mode*	3	*50th %tile*	12
Method	INAA	*StD*	14.88	*75th %tile*	16
N	14310	*CV*	1.05	*90th %tile*	24
N>DL	14299	*Range*	507	*95th %tile*	31
				98th %tile	44
				Max	508

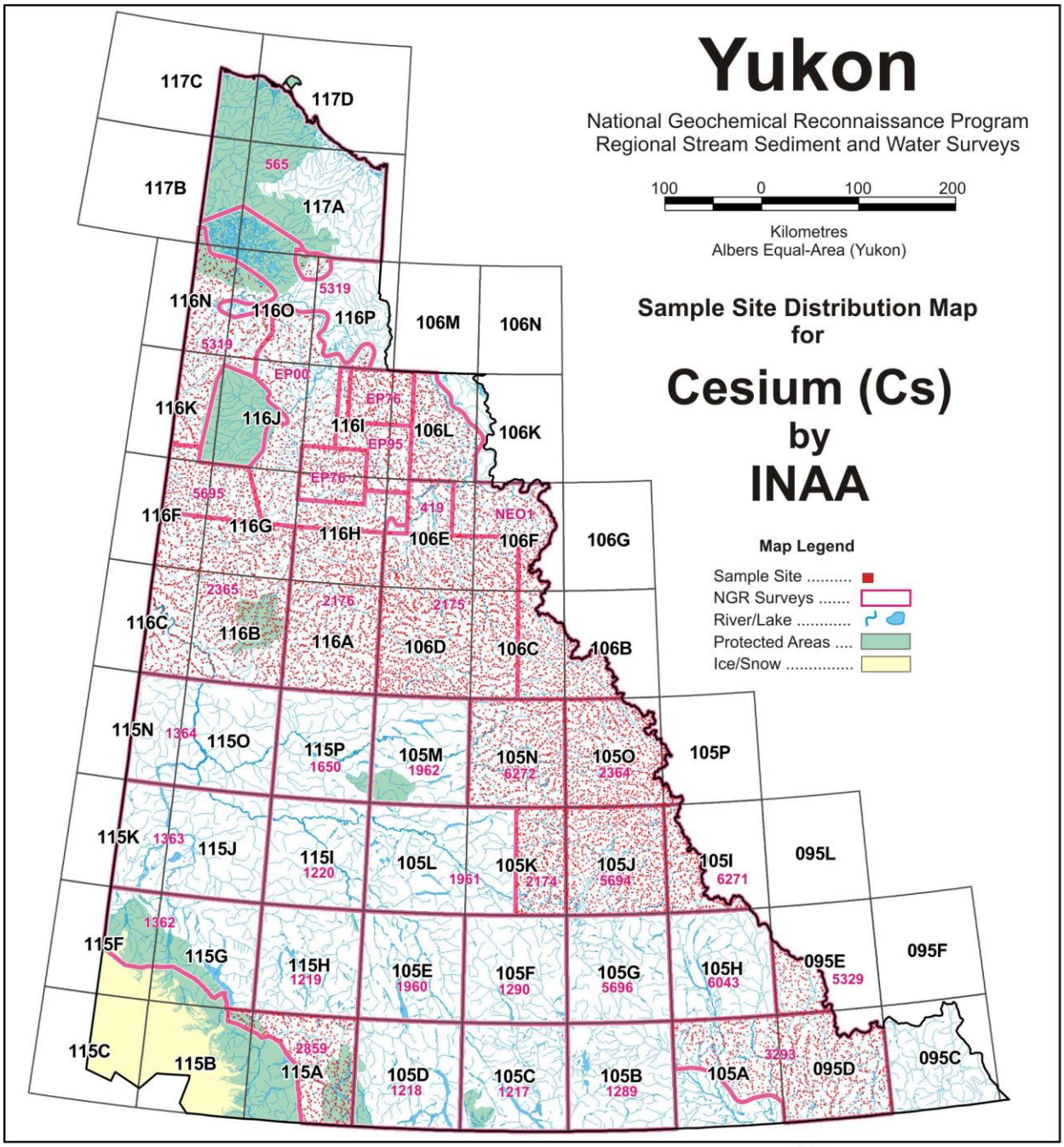




Summary Statistics - Stream Sediments

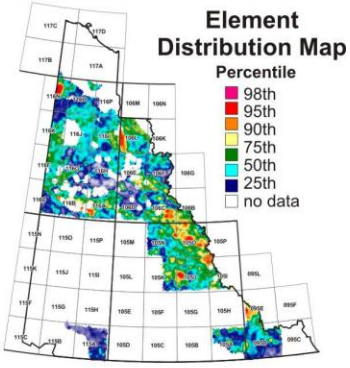
Variable	CR	*Mean*	85	*Min*	6
Units	ppm	*Median*	80	*25th %tile*	57
DL	20,5	*Mode*	110	*50th %tile*	80
Method	INAA	*StD*	67.83	*75th %tile*	100
N	14310	*CV*	0.80	*90th %tile*	130
N>DL	14310	*Range*	2994	*95th %tile*	150
				98th %tile	210
				Max	3000

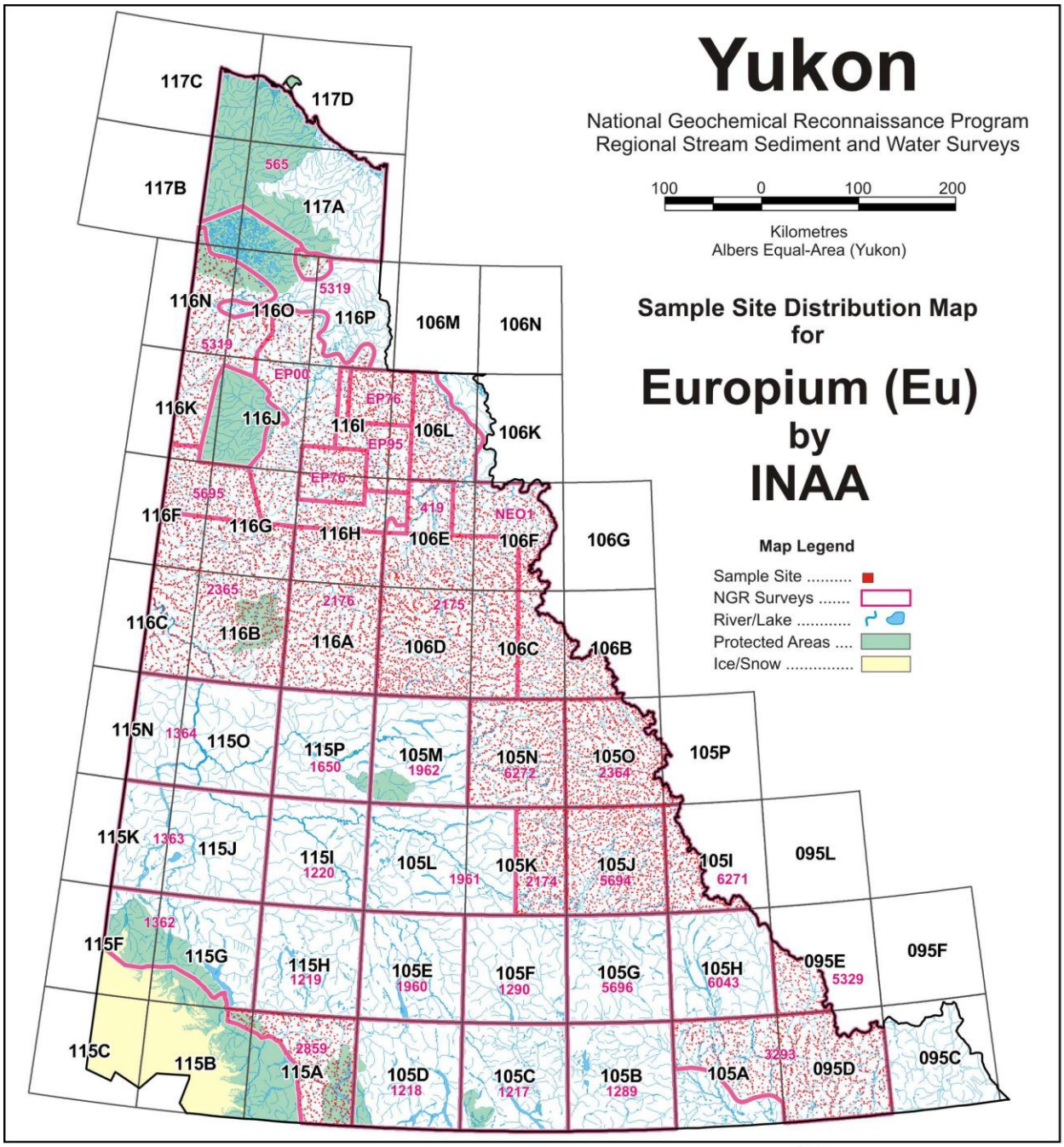




Summary Statistics - Stream Sediments

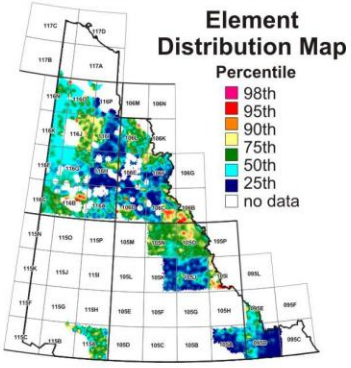
Variable	CS	*Mean*	4.56	*Min*	0.25
Units	ppm	*Median*	4.0	*25th %tile*	2.90
DL	0.5,1	*Mode*	4.0	*50th %tile*	4.00
Method	INAA	*StD*	3.07	*75th %tile*	5.50
N	14310	*CV*	0.67	*90th %tile*	7.91
N>DL	14006	*Range*	60.8	*95th %tile*	10.00
				98th %tile	13.00
				Max	61.00

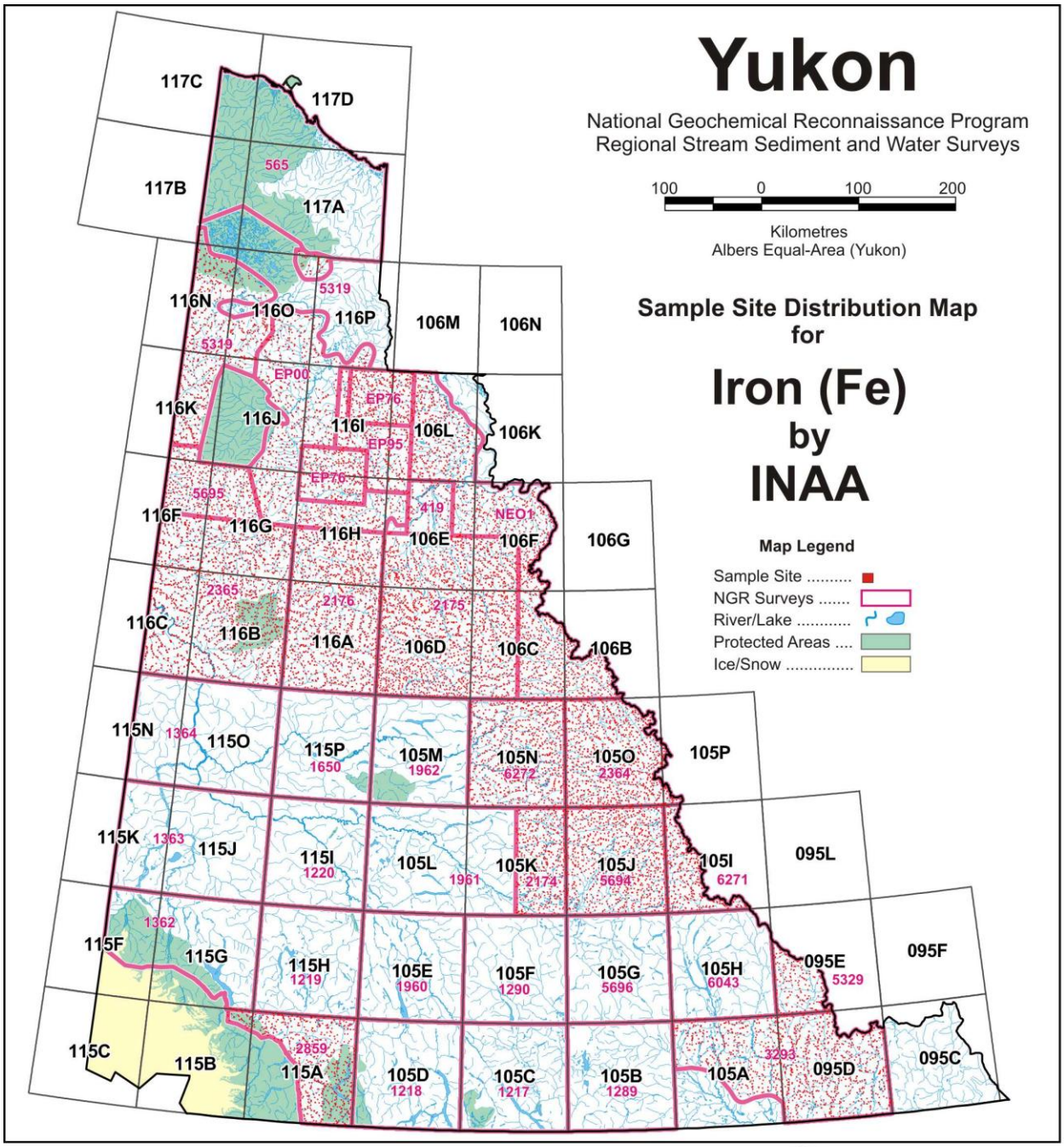




Summary Statistics - Stream Sediments

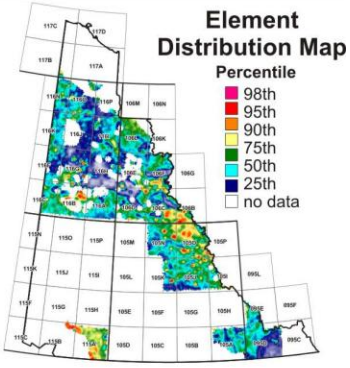
Variable	EU	*Mean*	1.11	*Min*	0.1
Units	ppm	*Median*	1.0	*25th %tile*	0.5
DL	1,0.2	*Mode*	0.5	*50th %tile*	1.0
Method	INAA	*StD*	1.73	*75th %tile*	1.4
N	14310	*CV*	1.56	*90th %tile*	2.0
N>DL	14284	*Range*	185.9	*95th %tile*	2.0
				98th %tile	3.0
				Max	186.0

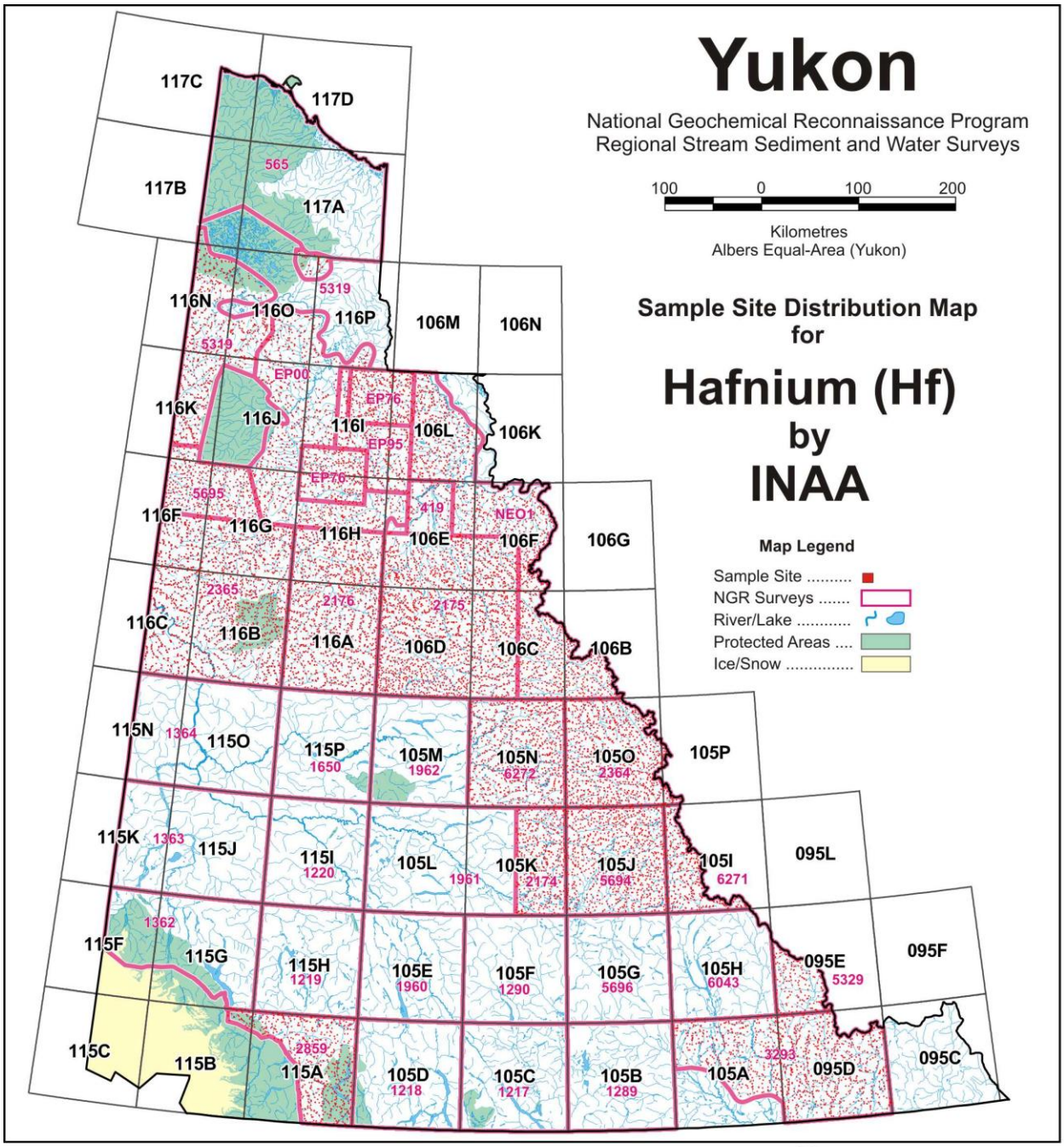




Summary Statistics - Stream Sediments

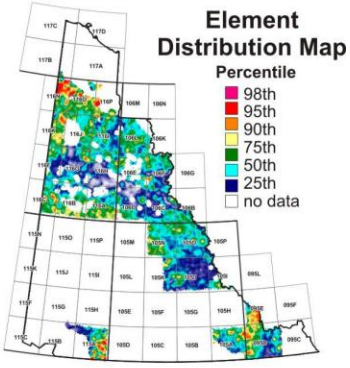
Variable	FE	*Mean*	3.22	*Min*	0.10
Units	pct	*Median*	3.00	*25th %tile*	2.30
DL	0.20	*Mode*	2.70	*50th %tile*	3.00
Method	INAA	*StD*	1.85	*75th %tile*	3.80
N	14310	*CV*	0.57	*90th %tile*	5.00
N>DL	14244	*Range*	52.20	*95th %tile*	5.90
				98th %tile	7.40
				Max	52.30

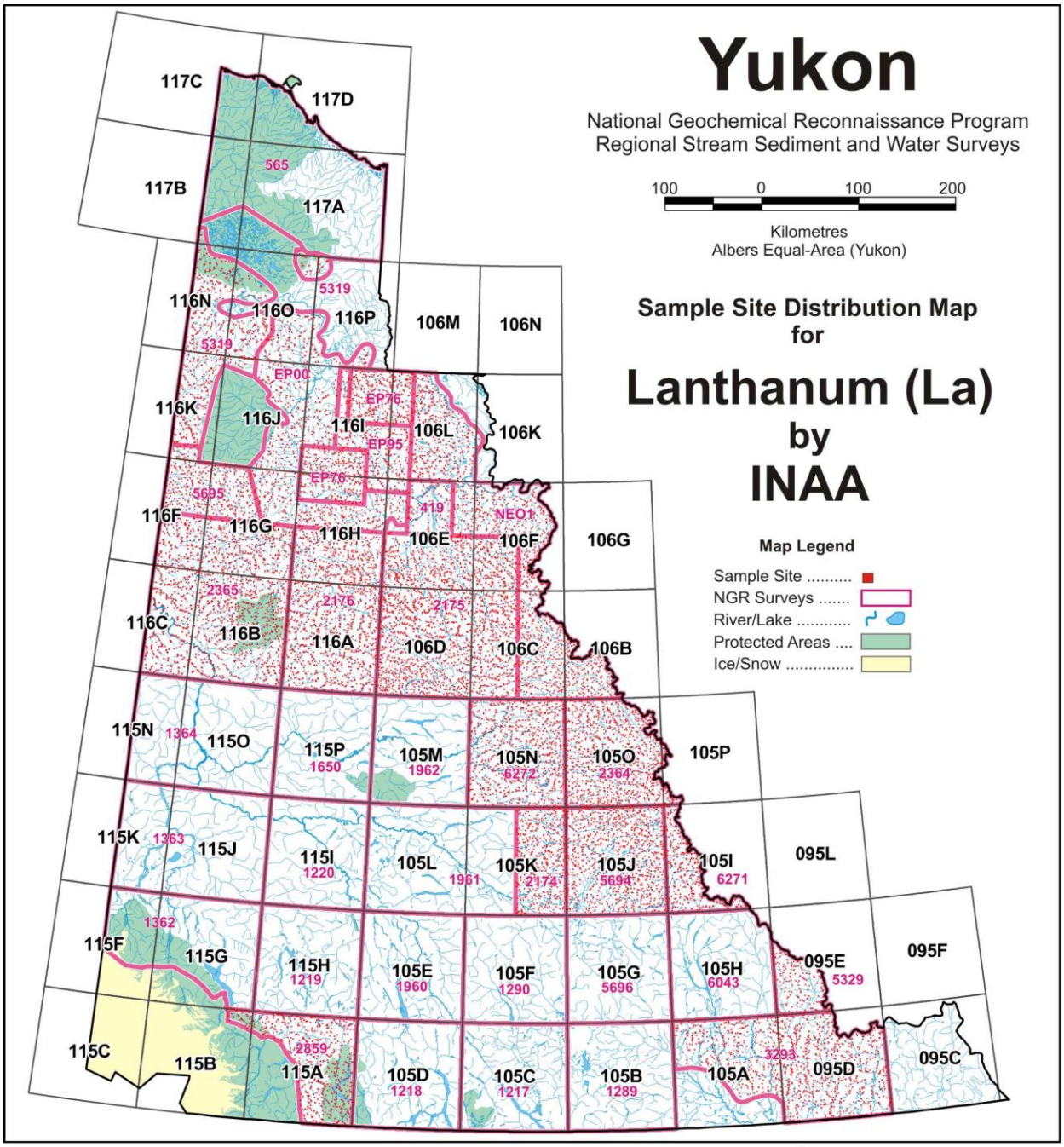




Summary Statistics - Stream Sediments

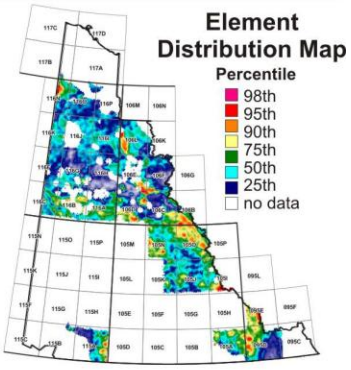
Variable	HF	*Mean*	6.2	*Min*	0.5
Units	ppm	*Median*	6.0	*25th %tile*	4.0
DL	1.0	*Mode*	6.0	*50th %tile*	6.0
Method	INAA	*StD*	3.58	*75th %tile*	8.0
N	14310	*CV*	0.58	*90th %tile*	10.0
N>DL	13512	*Range*	57.5	*95th %tile*	12.0
				98th %tile	15.0
				Max	58.0

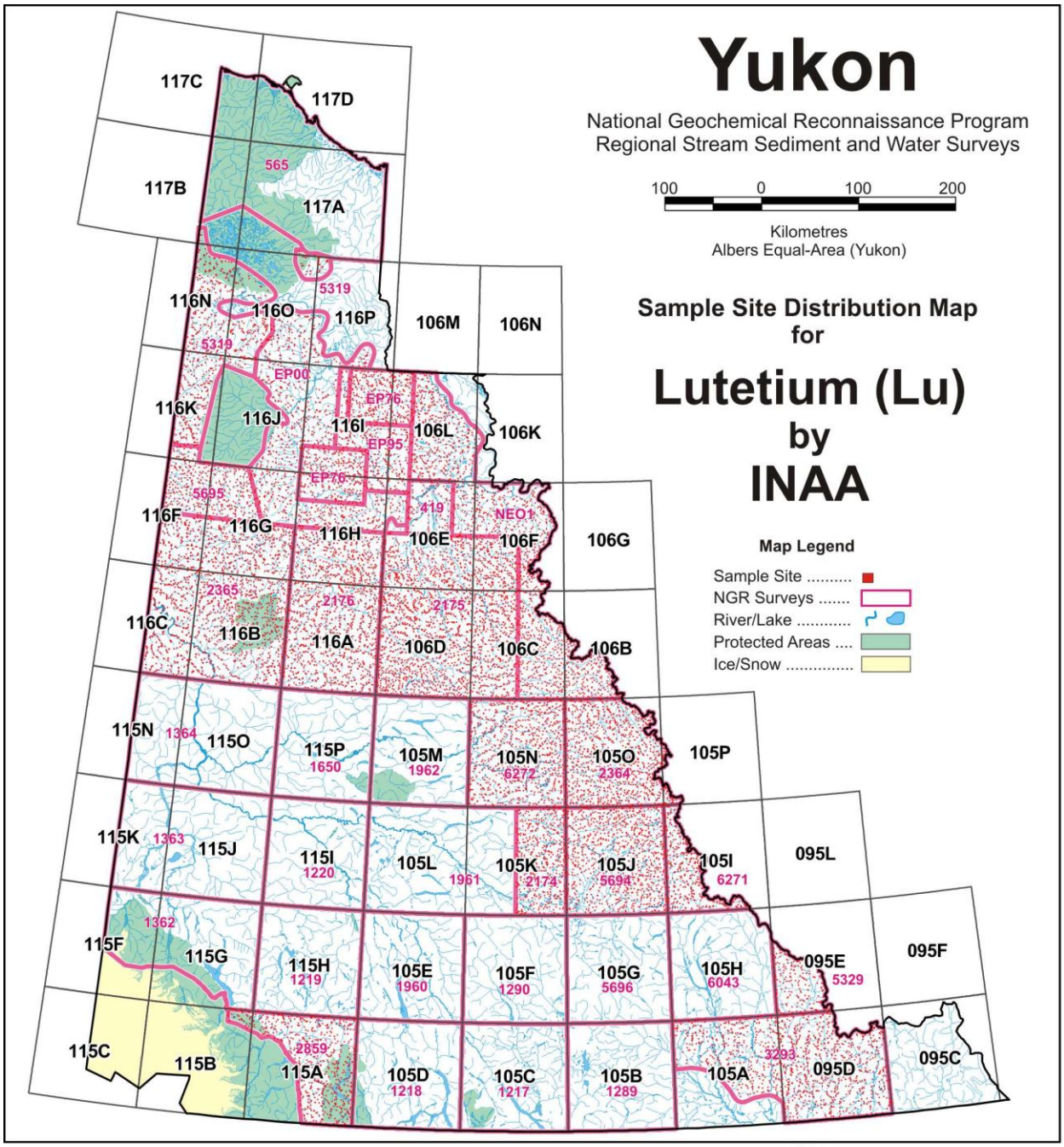




Summary Statistics - Stream Sediments

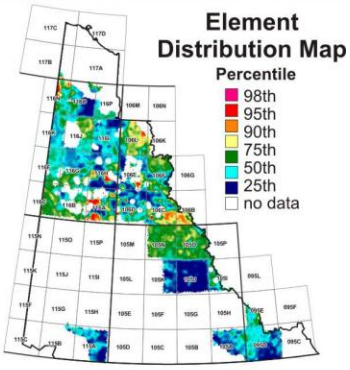
Variable	LA	*Mean*	35.6	*Min*	1.0
Units	ppm	*Median*	33.0	*25th %tile*	26.0
DL	2,0.5	*Mode*	32.0	*50th %tile*	33.0
Method	INAA	*StD*	18.99	*75th %tile*	42.0
N	14310	*CV*	0.53	*90th %tile*	56.0
N>DL	14310	*Range*	487.0	*95th %tile*	67.0
				98th %tile	81.0
				Max	488.0

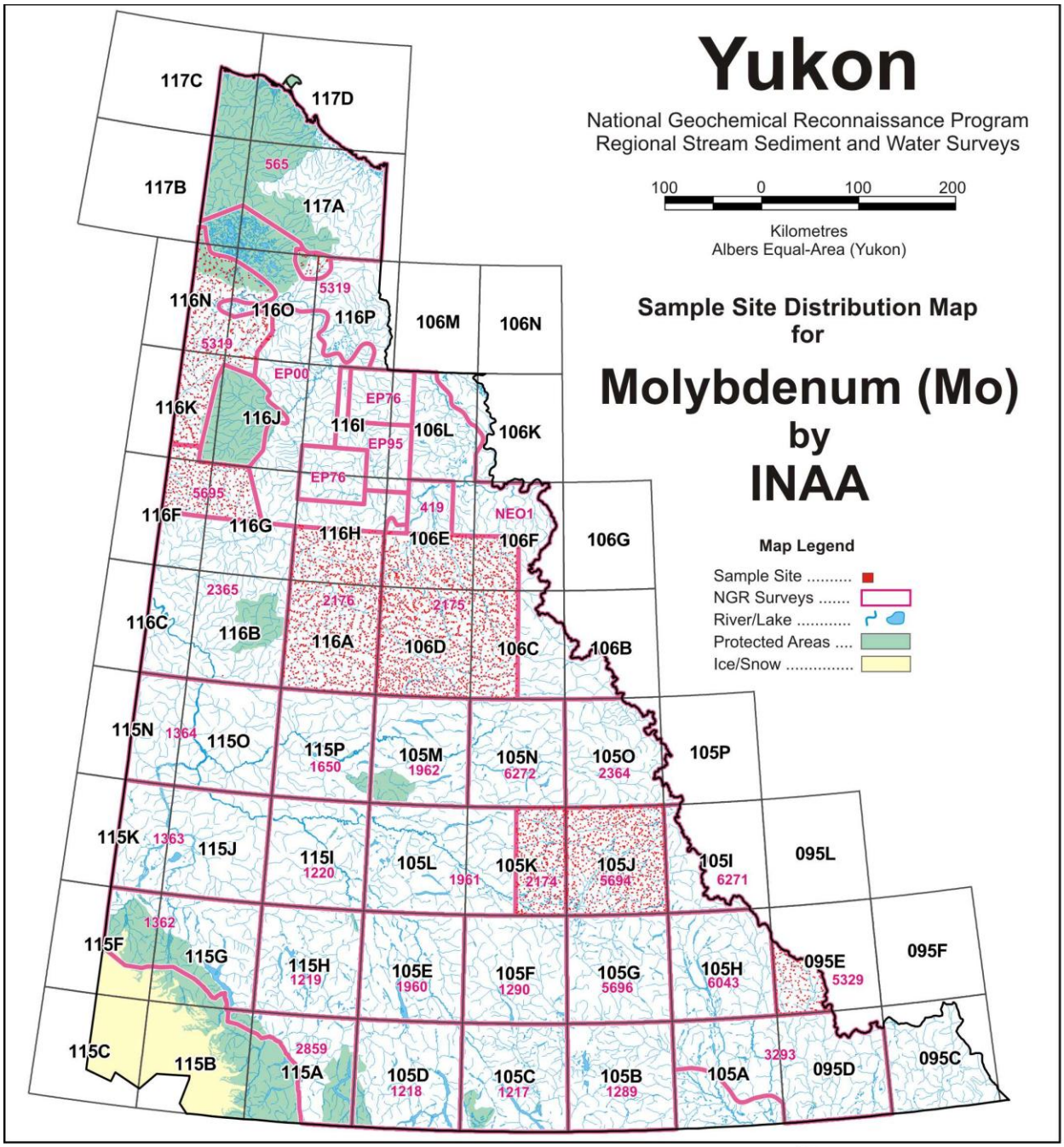




Summary Statistics - Stream Sediments

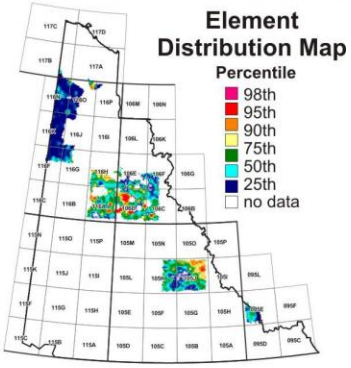
Variable	LU	*Mean*	0.37	*Min*	0.05
Units	ppm	*Median*	0.30	*25th %tile*	0.10
DL	0.2,0.05	*Mode*	0.10	*50th %tile*	0.30
Method	INAA	*StD*	0.29	*75th %tile*	0.50
N	14310	*CV*	0.78	*90th %tile*	0.70
N>DL	14300	*Range*	12.45	*95th %tile*	0.80
				98th %tile	0.93
				Max	12.50

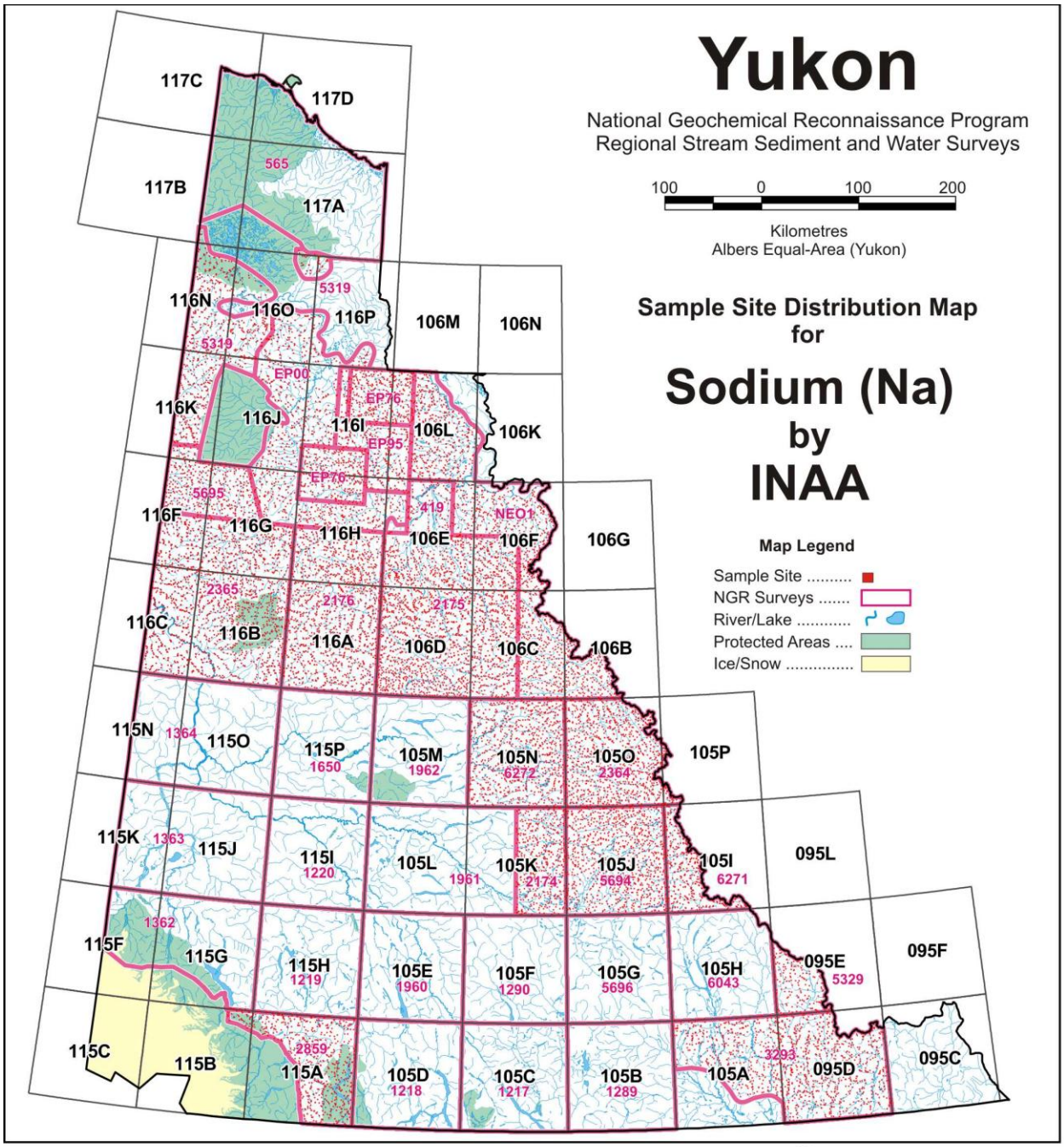




Summary Statistics - Stream Sediments

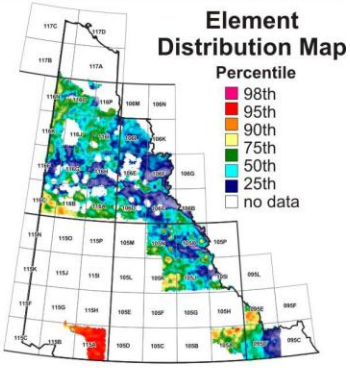
Variable	MO	*Mean*	4.5	*Min*	0.5
Units	ppm	*Median*	2.0	*25th %tile*	1.0
DL	1.0	*Mode*	0.5	*50th %tile*	2.0
Method	INAA	*StD*	27.81	*75th %tile*	4.0
N	5766	*CV*	6.20	*90th %tile*	8.0
N>DL	3226	*Range*	1239.5	*95th %tile*	12.0
				98th %tile	22.0
				Max	1240.0

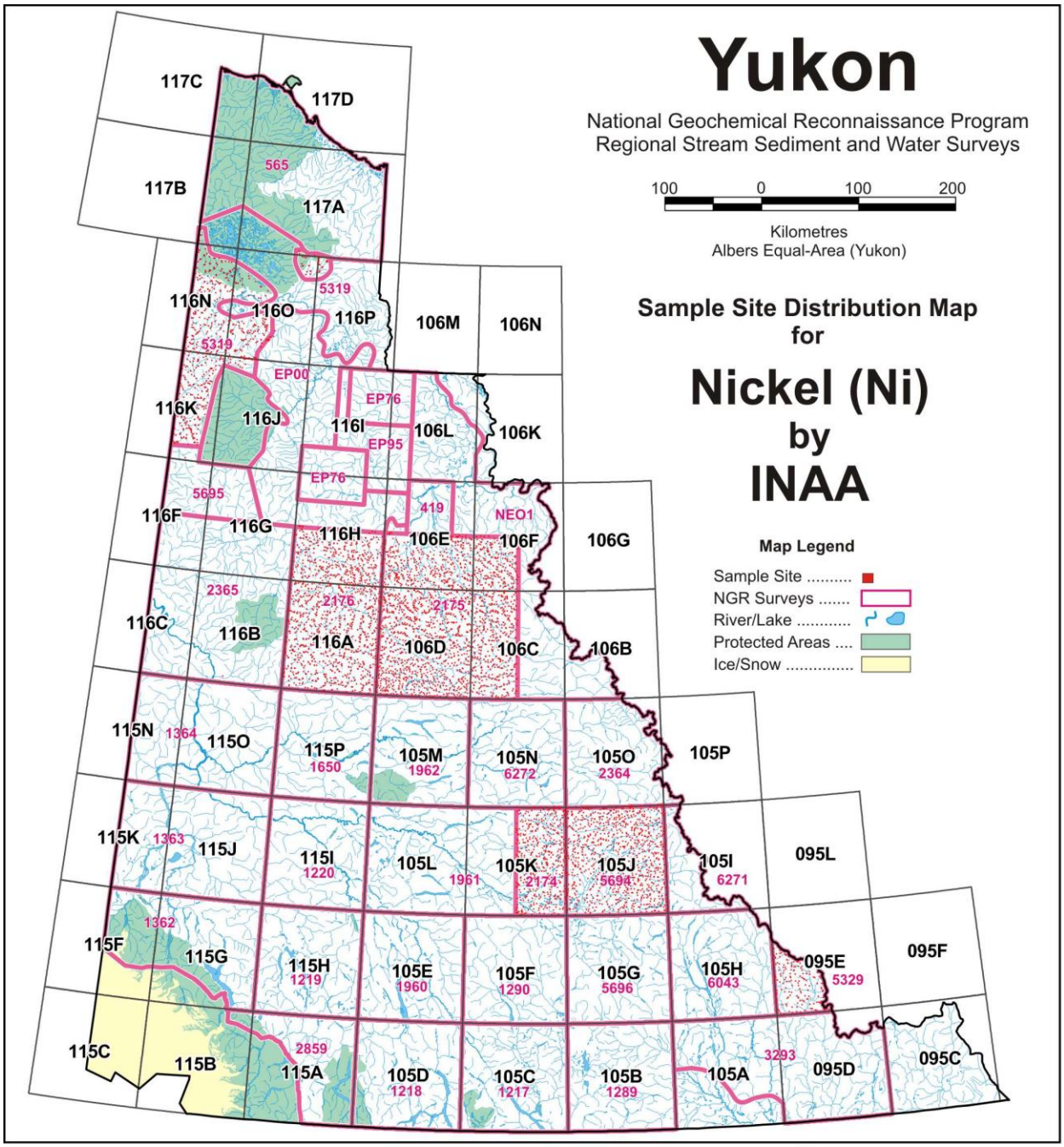




Summary Statistics - Stream Sediments

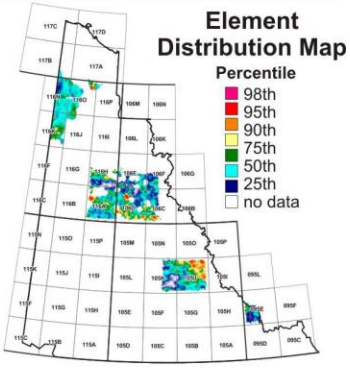
Variable	NA	*Mean*	0.65	*Min*	0.01
Units	pct	*Median*	0.52	*25th %tile*	0.33
DL	0.02,0.01	*Mode*	1.00	*50th %tile*	0.52
Method	INAA	*StD*	0.54	*75th %tile*	0.80
N	14309	*CV*	0.83	*90th %tile*	1.20
N>DL	14305	*Range*	9.29	*95th %tile*	1.63
				98th %tile	2.52
				Max	9.30

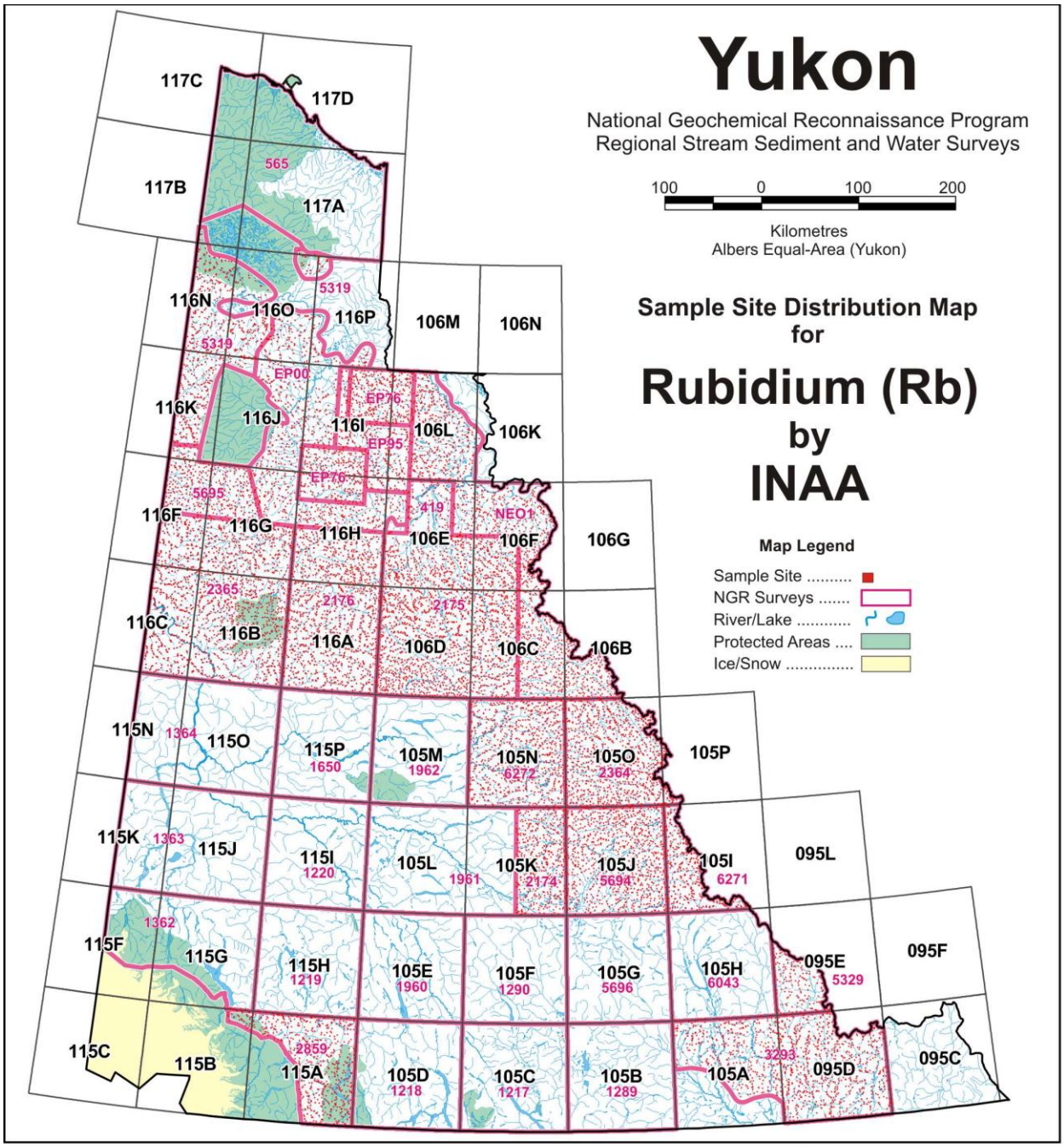




Summary Statistics - Stream Sediments

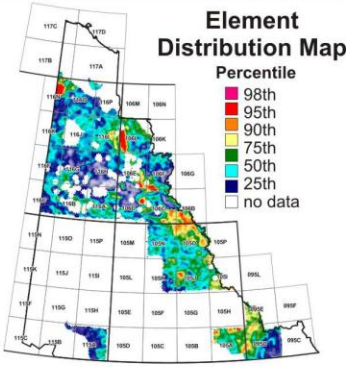
Variable	NI	*Mean*	34.3	*Min*	5.0
Units	ppm	*Median*	25.0	*25th %tile*	12.0
DL	10.0	*Mode*	5.0	*50th %tile*	25.0
Method	INAA	*StD*	45.59	*75th %tile*	40.0
N	5411	*CV*	1.33	*90th %tile*	67.0
N>DL	4114	*Range*	1195.0	*95th %tile*	94.0
				98th %tile	150.0
				Max	1200.0

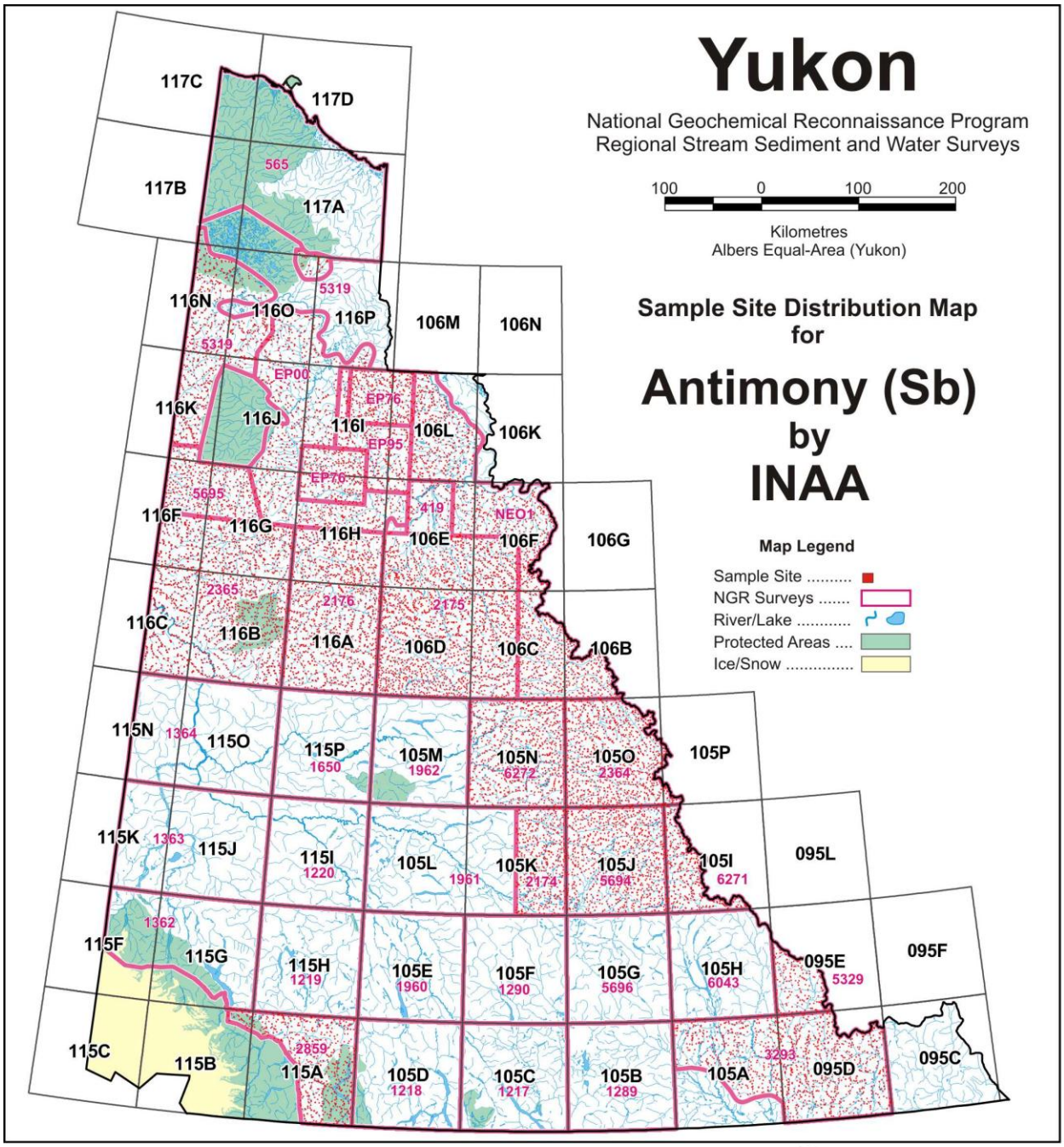




Summary Statistics - Stream Sediments

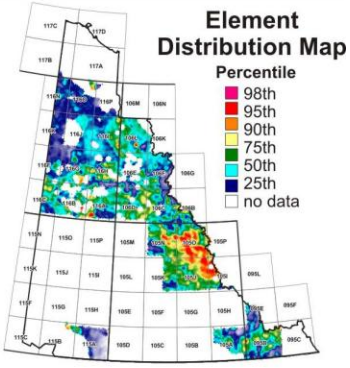
Variable	RB	*Mean*	78.2	*Min*	2.5
Units	ppm	*Median*	76.0	*25th %tile*	57.0
DL	5.0	*Mode*	110.0	*50th %tile*	76.0
Method	INAA	*StD*	36.12	*75th %tile*	97.0
N	14310	*CV*	0.46	*90th %tile*	120.0
N>DL	14171	*Range*	746.5	*95th %tile*	140.0
				98th %tile	160.0
				Max	749.0

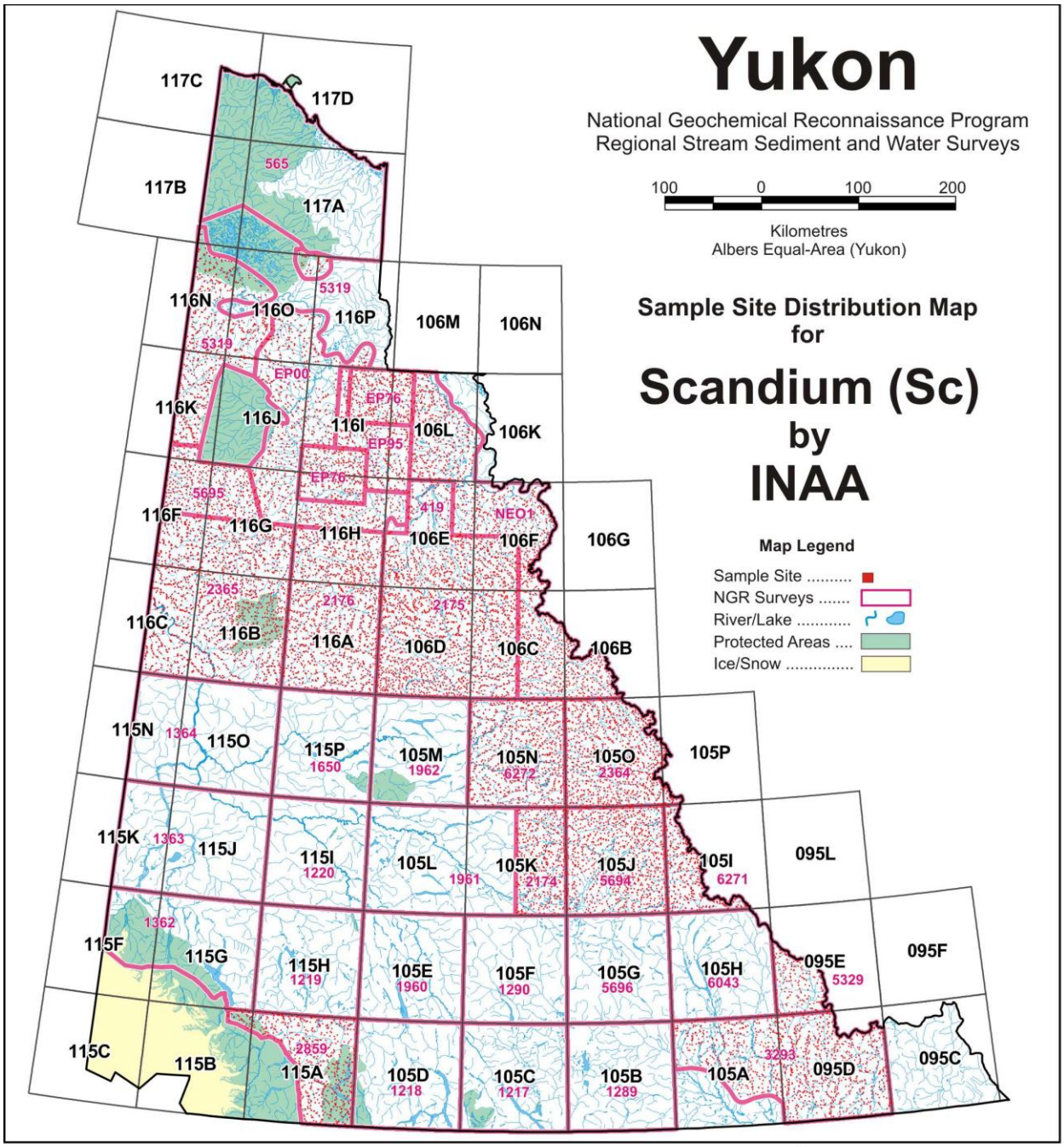




Summary Statistics - Stream Sediments

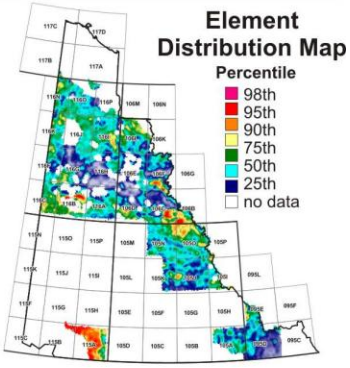
Variable	SB	*Mean*	2.04	*Min*	0.05
Units	ppm	*Median*	1.20	*25th %tile*	0.80
DL	0.10	*Mode*	0.90	*50th %tile*	1.20
Method	INAA	*StD*	3.38	*75th %tile*	2.10
N	14310	*CV*	1.65	*90th %tile*	4.20
N>DL	14201	*Range*	139.95	*95th %tile*	6.50
				98th %tile	10.00
				Max	140.00

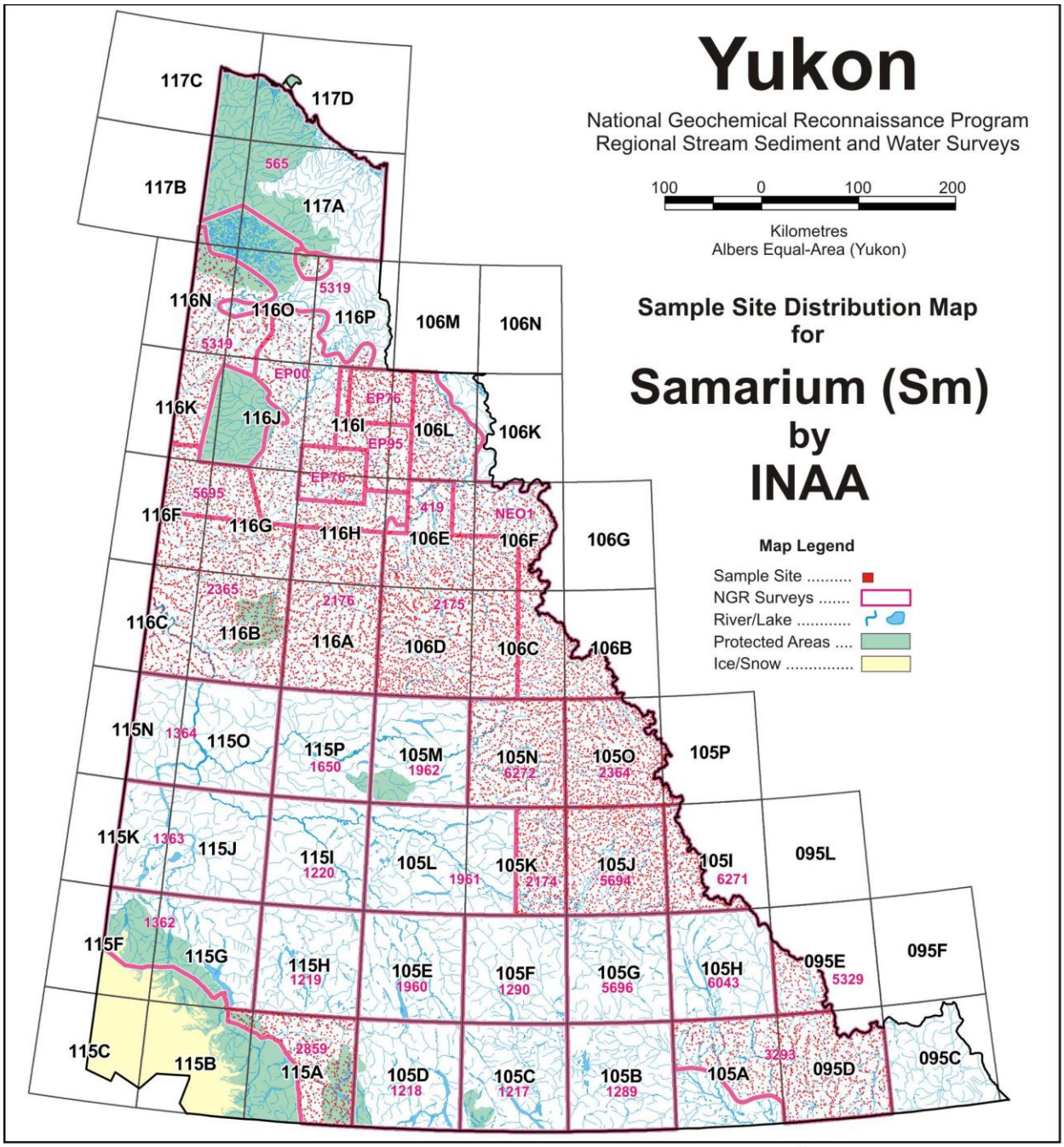




Summary Statistics - Stream Sediments

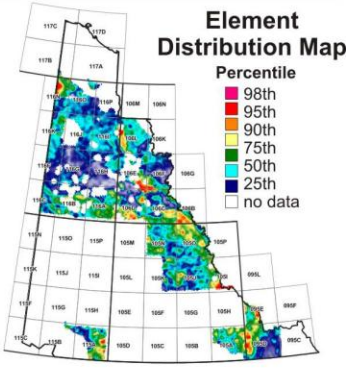
Variable	SC	*Mean*	10.4	*Min*	0.3
Units	ppm	*Median*	10.0	*25th %tile*	8.0
DL	0.2,0.1	*Mode*	11.0	*50th %tile*	10.0
Method	INAA	*StD*	4.53	*75th %tile*	13.0
N	14310	*CV*	0.44	*90th %tile*	15.0
N>DL	14310	*Range*	100.7	*95th %tile*	18.0
				98th %tile	21.2
				Max	101.0

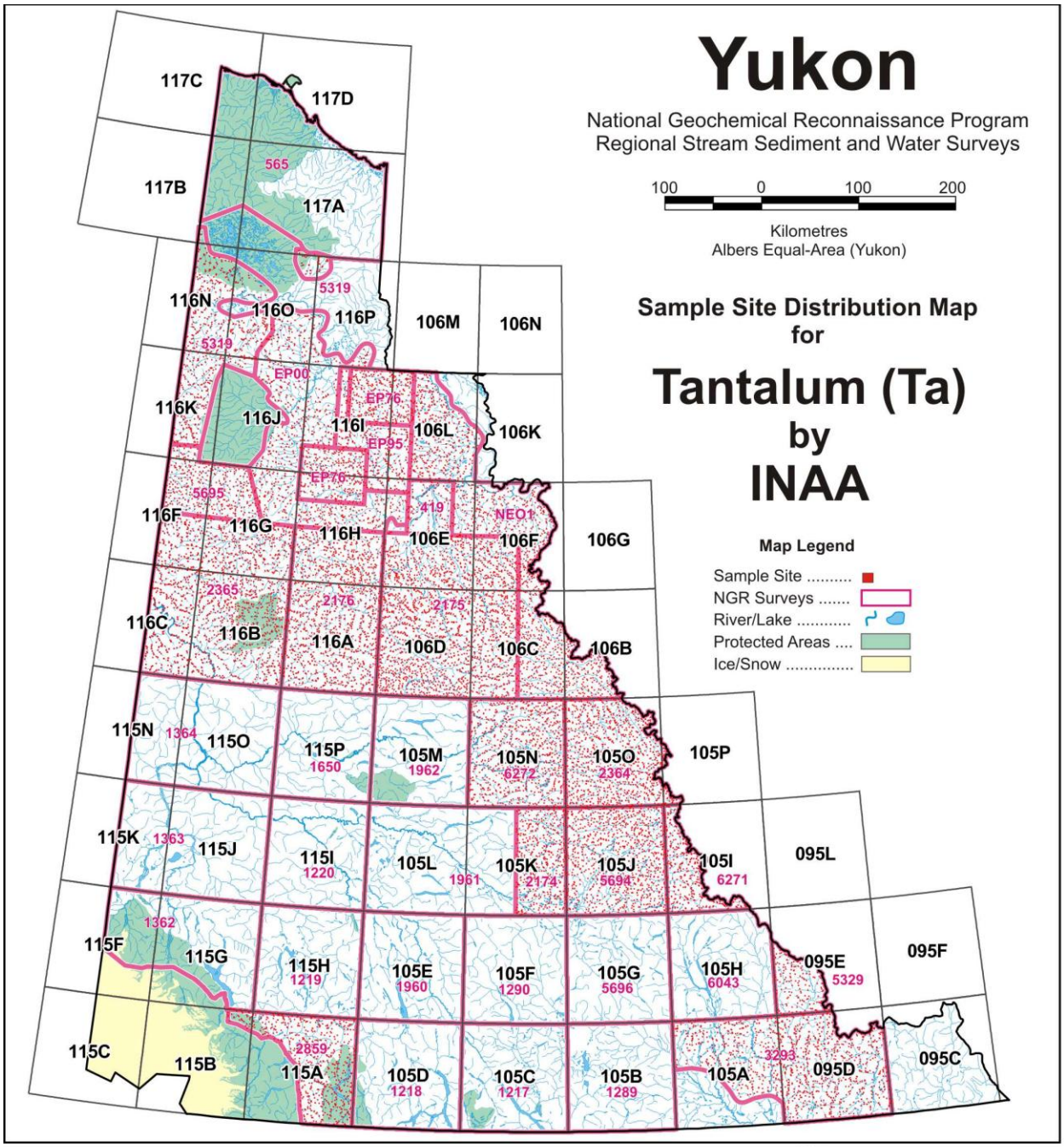




Summary Statistics - Stream Sediments

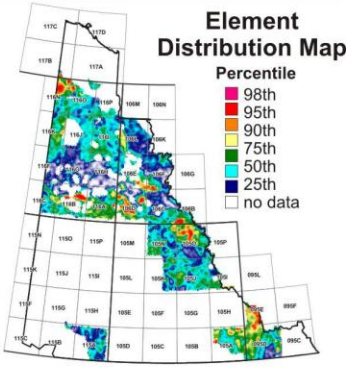
Variable	SM	*Mean*	5.60	*Min*	0.05
Units	ppm	*Median*	5.30	*25th %tile*	4.30
DL	0.10	*Mode*	5.20	*50th %tile*	5.30
Method	INAA	*StD*	2.76	*75th %tile*	6.60
N	14310	*CV*	0.49	*90th %tile*	8.50
N>DL	14309	*Range*	77.05	*95th %tile*	10.00
				98th %tile	12.10
				Max	77.10

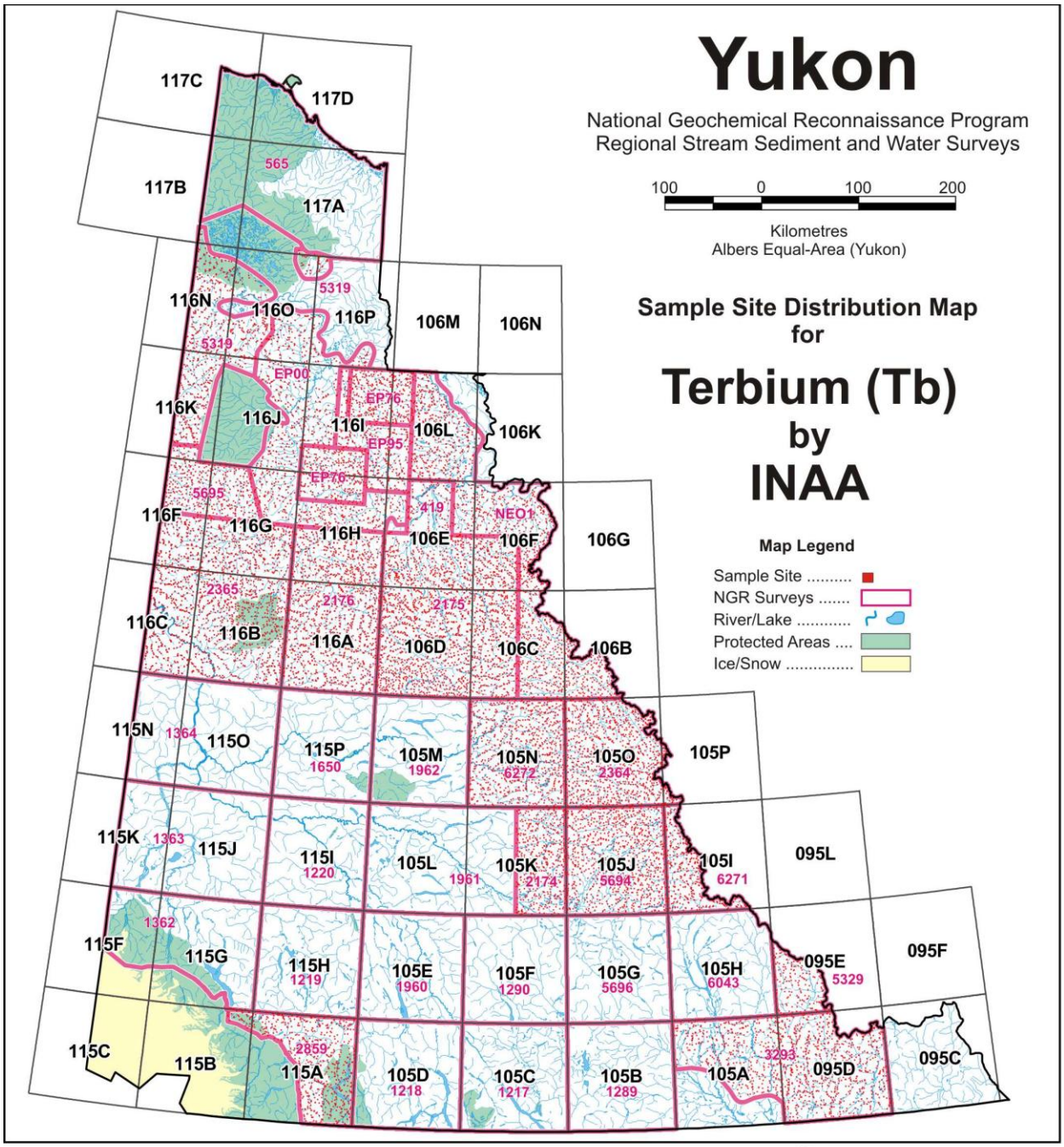




Summary Statistics - Stream Sediments

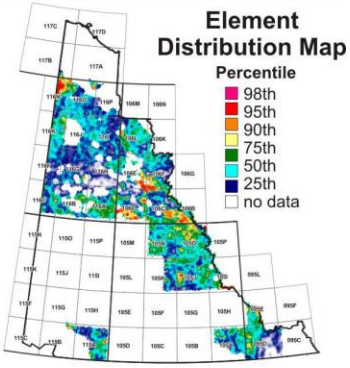
Variable	TA	*Mean*	0.98	*Min*	0.25
Units	ppm	*Median*	0.90	*25th %tile*	0.70
DL	0.50	*Mode*	0.25	*50th %tile*	0.90
Method	INAA	*StD*	0.65	*75th %tile*	1.20
N	14310	*CV*	0.66	*90th %tile*	1.50
N>DL	11938	*Range*	22.75	*95th %tile*	1.80
				98th %tile	2.40
				Max	23.00

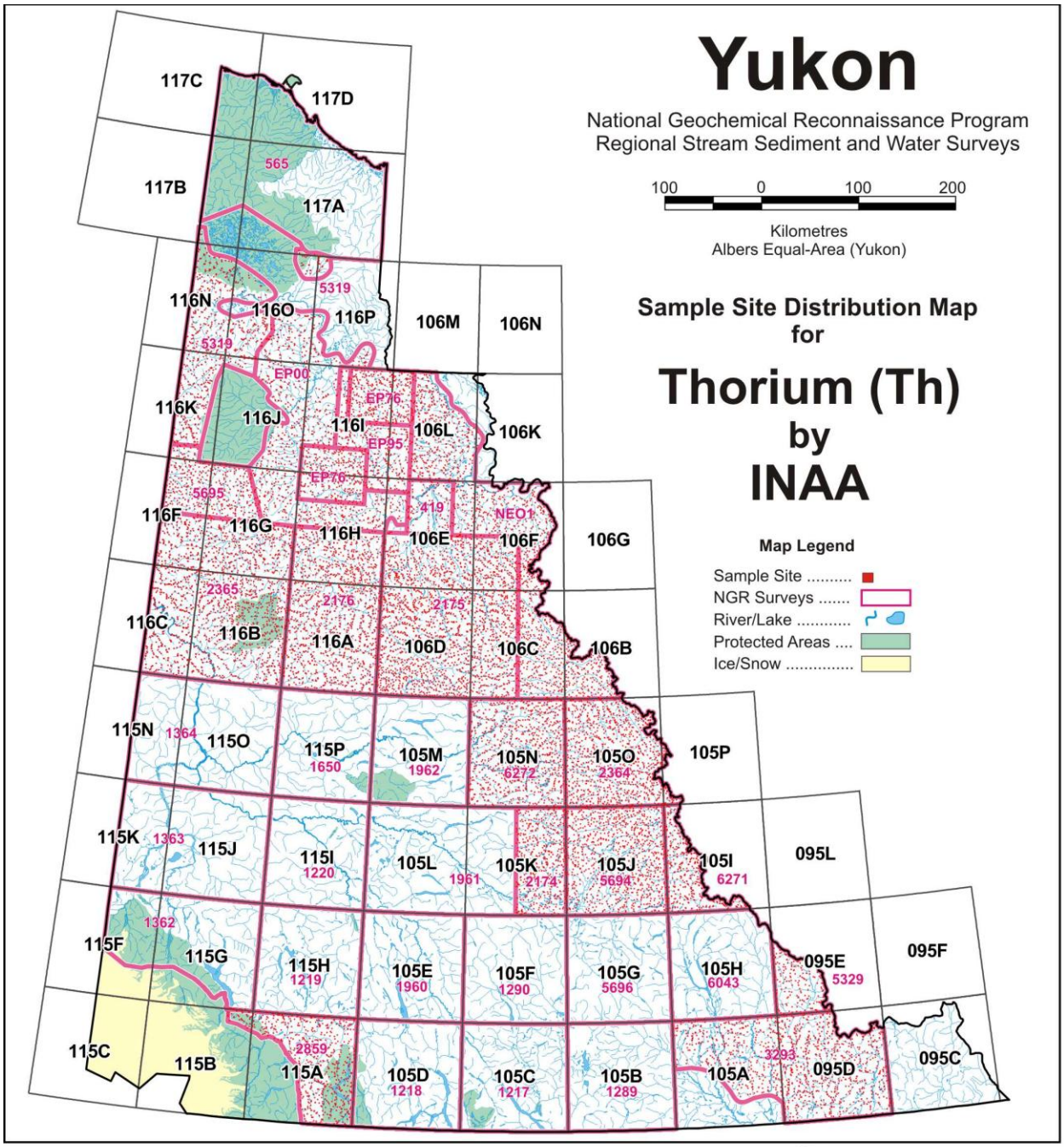




Summary Statistics - Stream Sediments

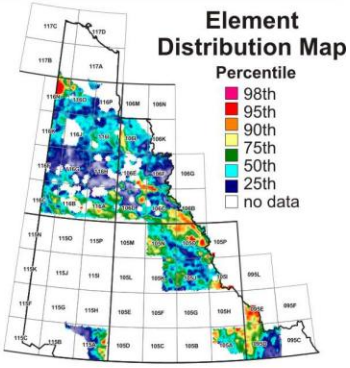
Variable	TB	*Mean*	0.79	*Min*	0.25
Units	ppm	*Median*	0.80	*25th %tile*	0.60
DL	0.50	*Mode*	0.80	*50th %tile*	0.80
Method	INAA	*StD*	0.39	*75th %tile*	1.00
N	14310	*CV*	0.50	*90th %tile*	1.20
N>DL	11534	*Range*	10.75	*95th %tile*	1.30
				98th %tile	1.60
				Max	11.00

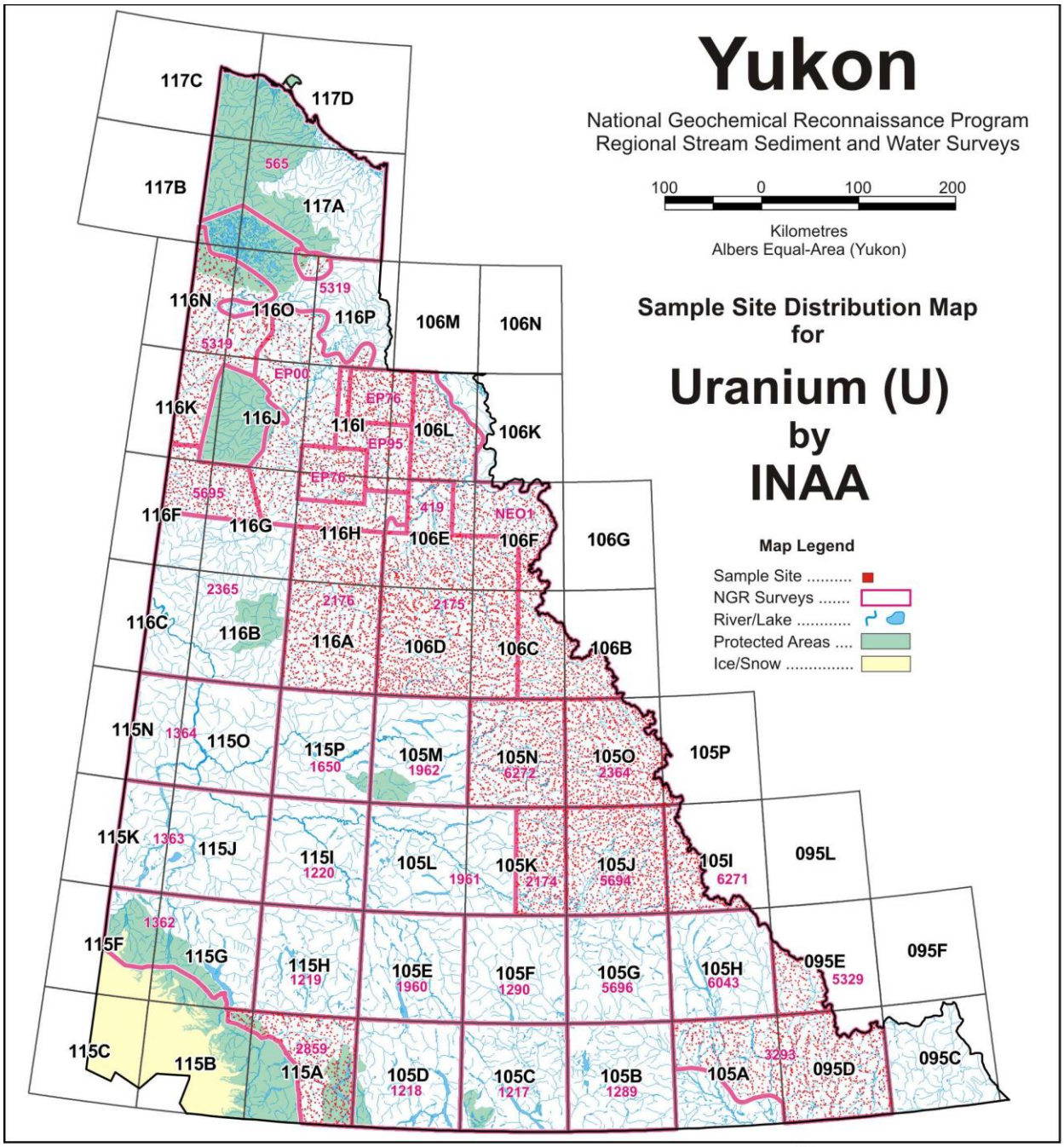




Summary Statistics - Stream Sediments

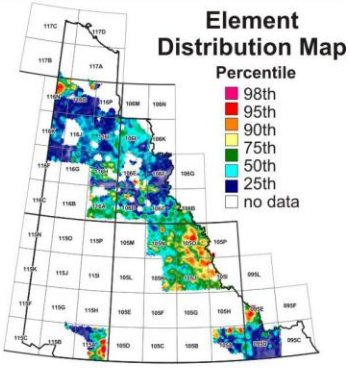
Variable	TH	*Mean*	9.8	*Min*	0.1
Units	ppm	*Median*	8.7	*25th %tile*	6.8
DL	0.2	*Mode*	10.0	*50th %tile*	8.7
Method	INAA	*StD*	5.95	*75th %tile*	12.0
N	14310	*CV*	0.61	*90th %tile*	16.0
N>DL	14307	*Range*	137.9	*95th %tile*	20.0
				98th %tile	24.2
				Max	138.0

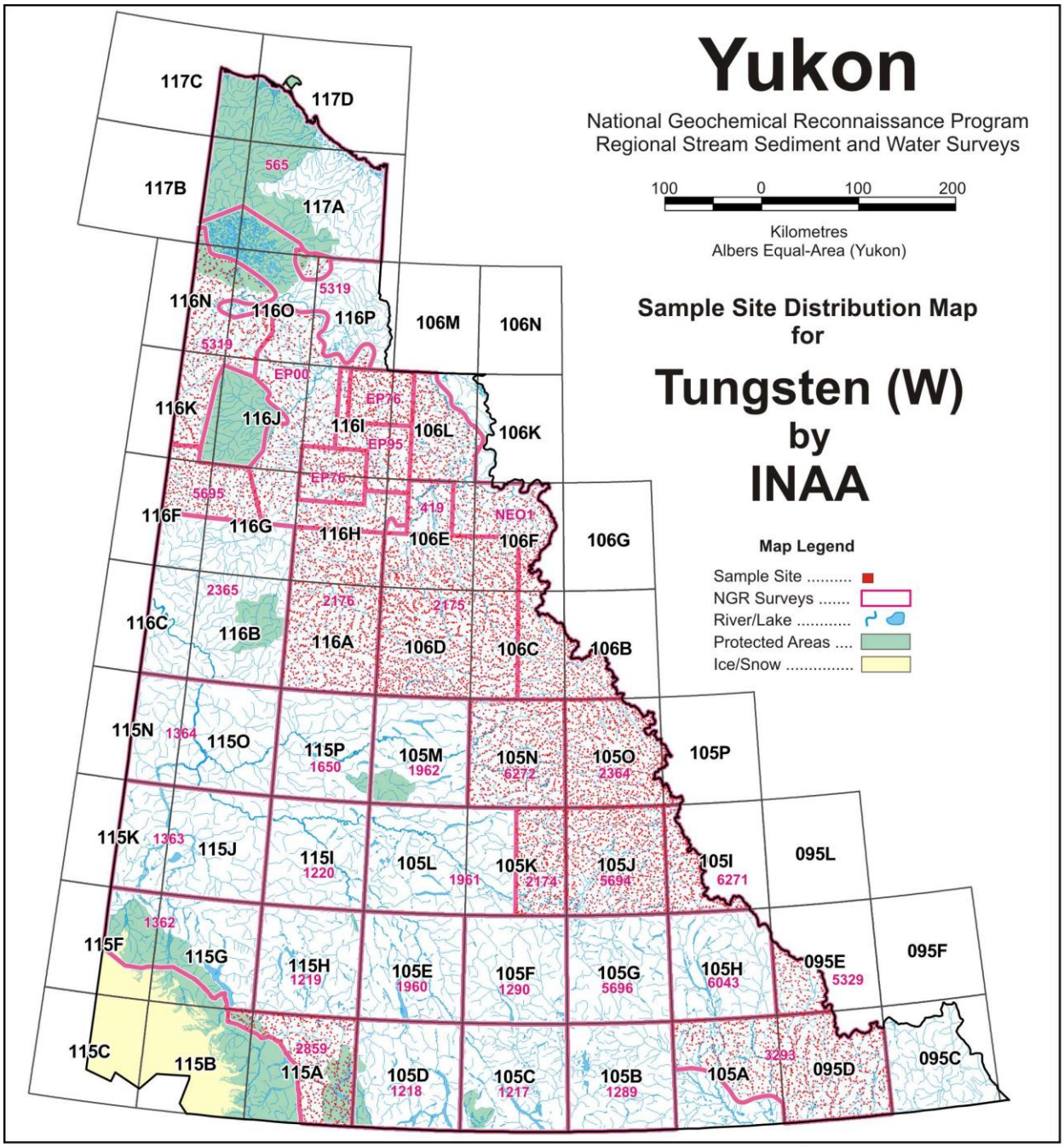




Summary Statistics - Stream Sediments

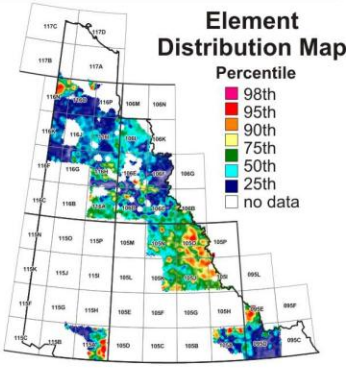
Variable	U	*Mean*	5.1	*Min*	0.2
Units	ppm	*Median*	3.9	*25th %tile*	3.0
DL	0.2,0.5	*Mode*	3.2	*50th %tile*	3.9
Method	INAA	*StD*	6.65	*75th %tile*	5.3
N	12623	*CV*	1.32	*90th %tile*	8.3
N>DL	12621	*Range*	350.8	*95th %tile*	12.0
				98th %tile	18.0
				Max	351.0

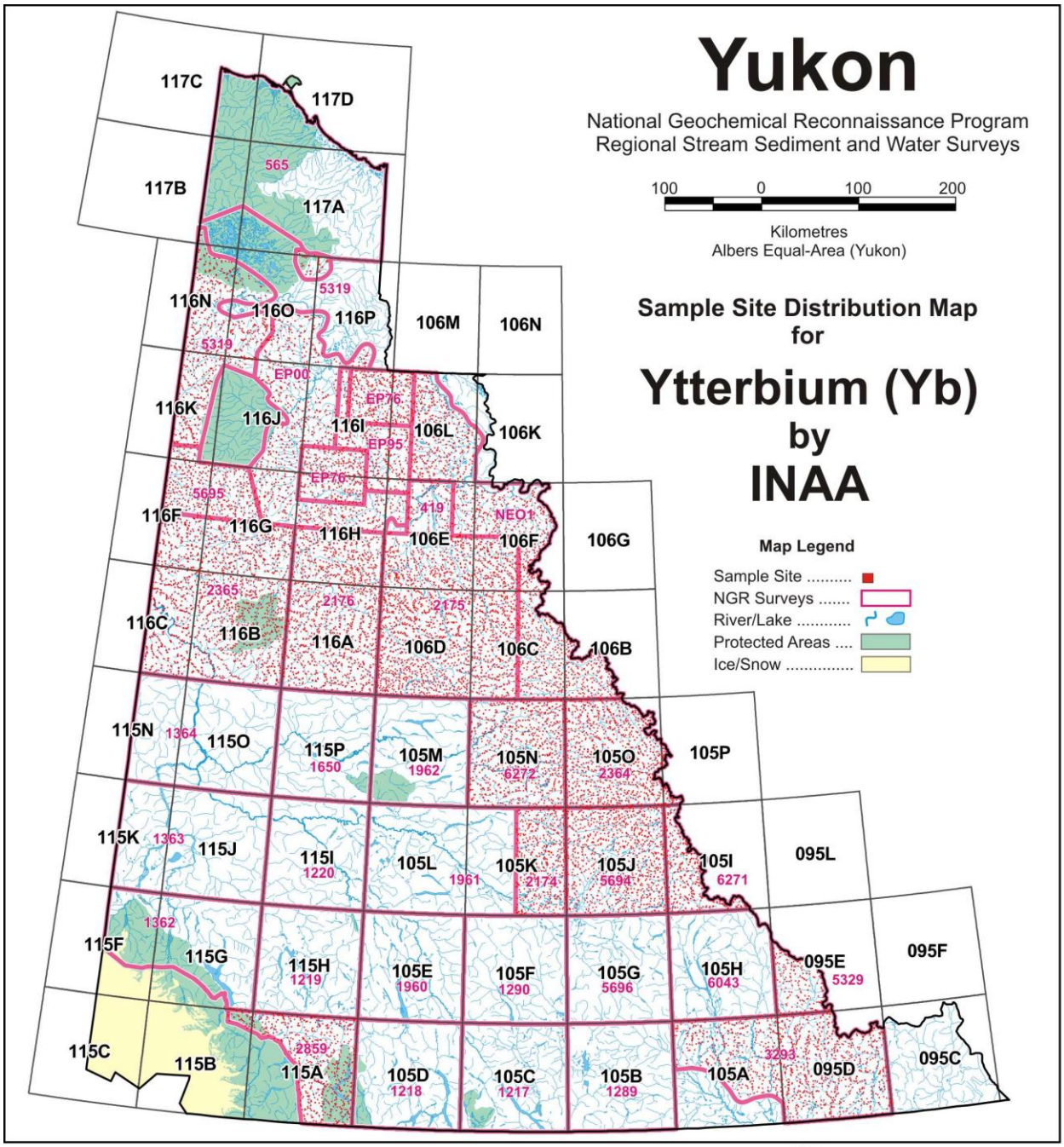




Summary Statistics - Stream Sediments

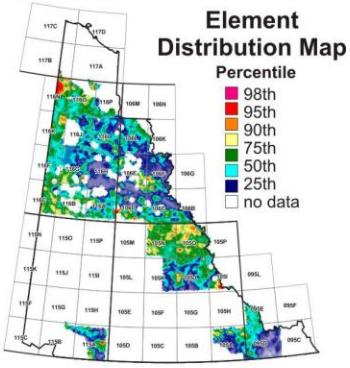
Variable	W	*Mean*	1.4	*Min*	0.5
Units	ppm	*Median*	0.5	*25th %tile*	0.5
DL	1.0	*Mode*	0.5	*50th %tile*	0.5
Method	INAA	*StD*	4.15	*75th %tile*	1.0
N	14310	*CV*	3.03	*90th %tile*	2.0
N>DL	3281	*Range*	199.5	*95th %tile*	3.0
				98th %tile	6.0
				Max	200.0

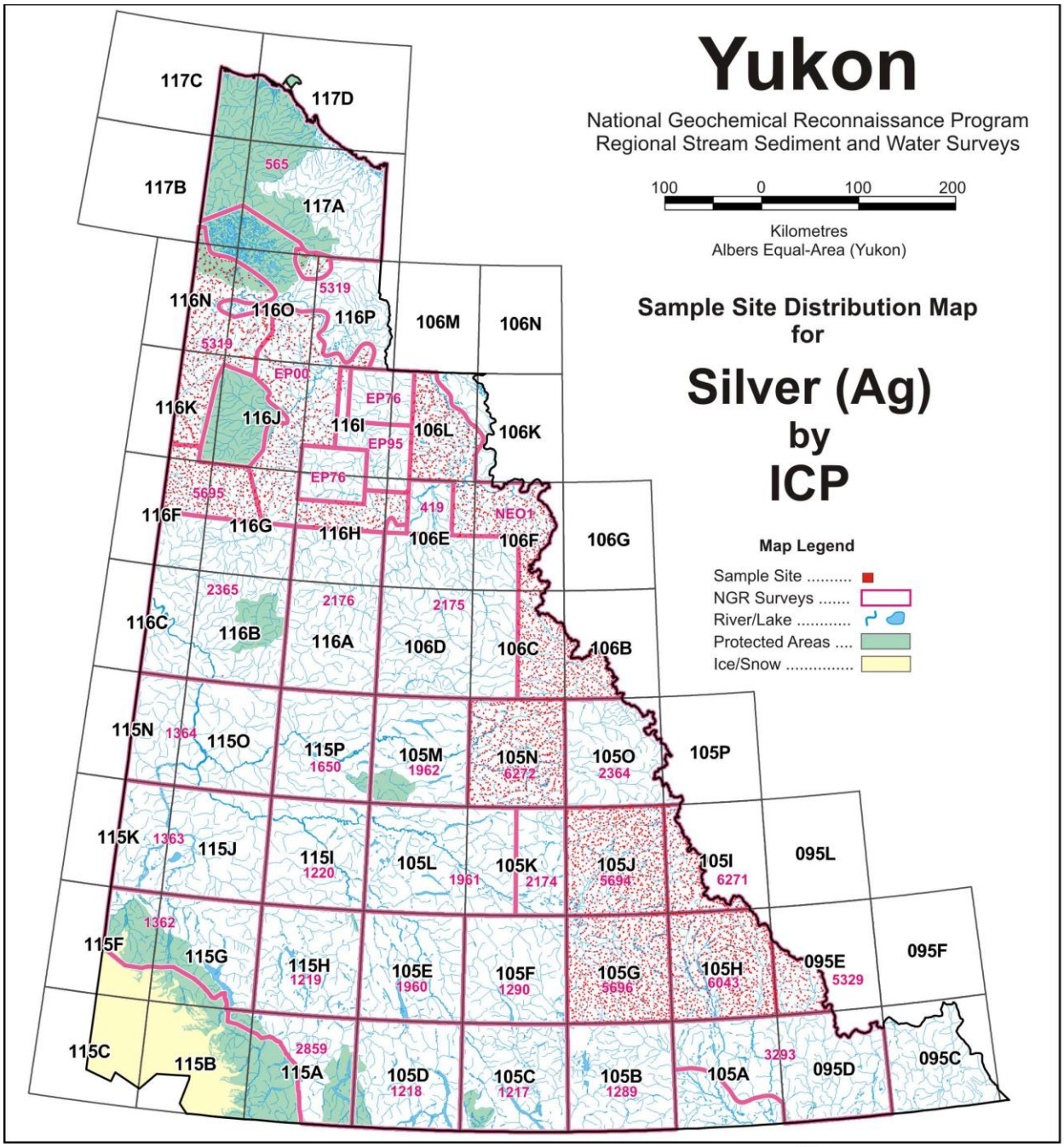




Summary Statistics - Stream Sediments

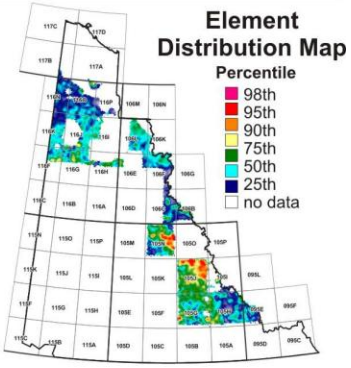
Variable	YB	*Mean*	2.4	*Min*	0.2
Units	ppm	*Median*	2.2	*25th %tile*	1.8
DL	1,2,0.2	*Mode*	3.0	*50th %tile*	2.2
Method	INAA	*StD*	1.22	*75th %tile*	3.0
N	14310	*CV*	0.51	*90th %tile*	3.6
N>DL	14309	*Range*	54.8	*95th %tile*	4.0
				98th %tile	5.0
				Max	55.0

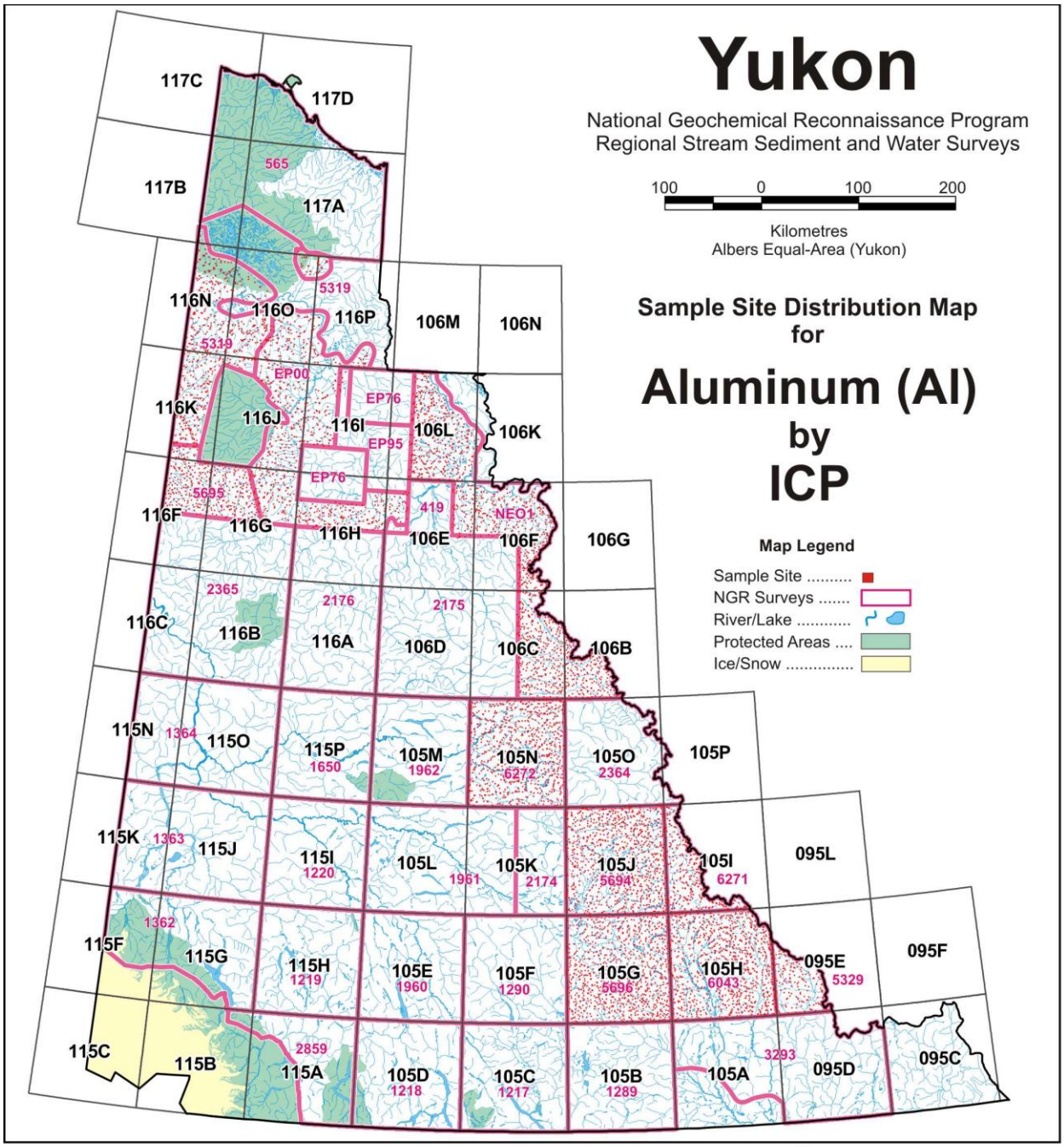




Summary Statistics - Stream Sediments

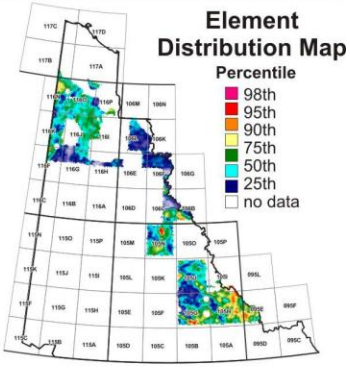
Variable	AG	*Mean*	242	*Min*	5
Units	ppm	*Median*	130	*25th %tile*	76
DL	2	*Mode*	58	*50th %tile*	130
Method	ICP	*StD*	728.96	*75th %tile*	255
N	6974	*CV*	3.02	*90th %tile*	530
N>DL	6974	*Range*	54061	*95th %tile*	809
				98th %tile	1171
				Max	54066

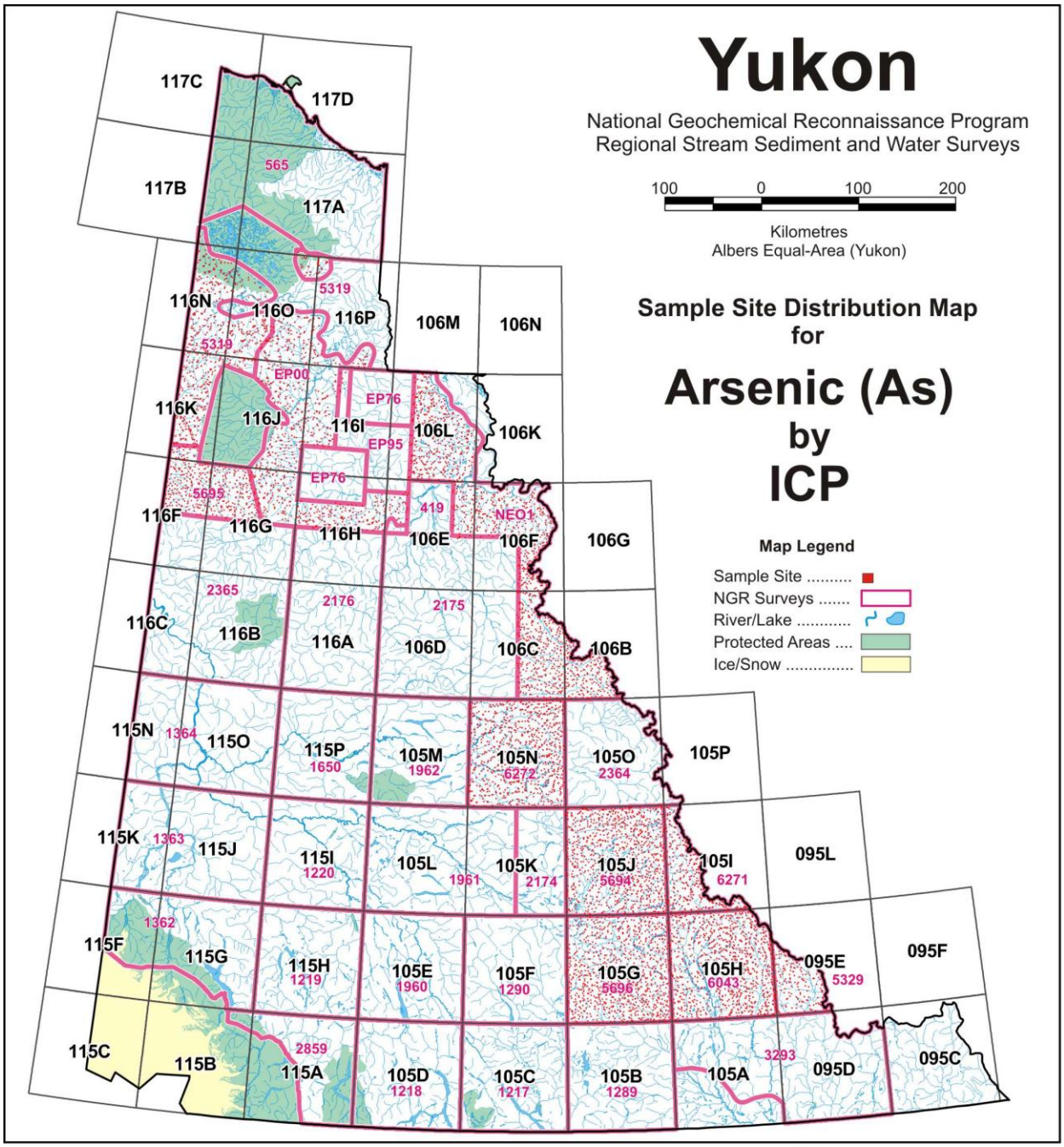




Summary Statistics - Stream Sediments

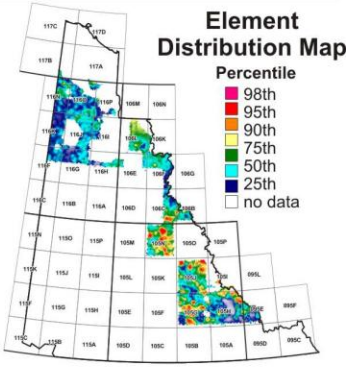
Variable	AL	*Mean*	1.06	*Min*	0.01
Units	pct	*Median*	0.99	*25th %tile*	0.74
DL	0.01	*Mode*	0.88	*50th %tile*	0.99
Method	ICP	*StD*	0.54	*75th %tile*	1.28
N	6974	*CV*	0.51	*90th %tile*	1.71
N>DL	6966	*Range*	9.01	*95th %tile*	2.03
				98th %tile	2.46
				Max	9.02

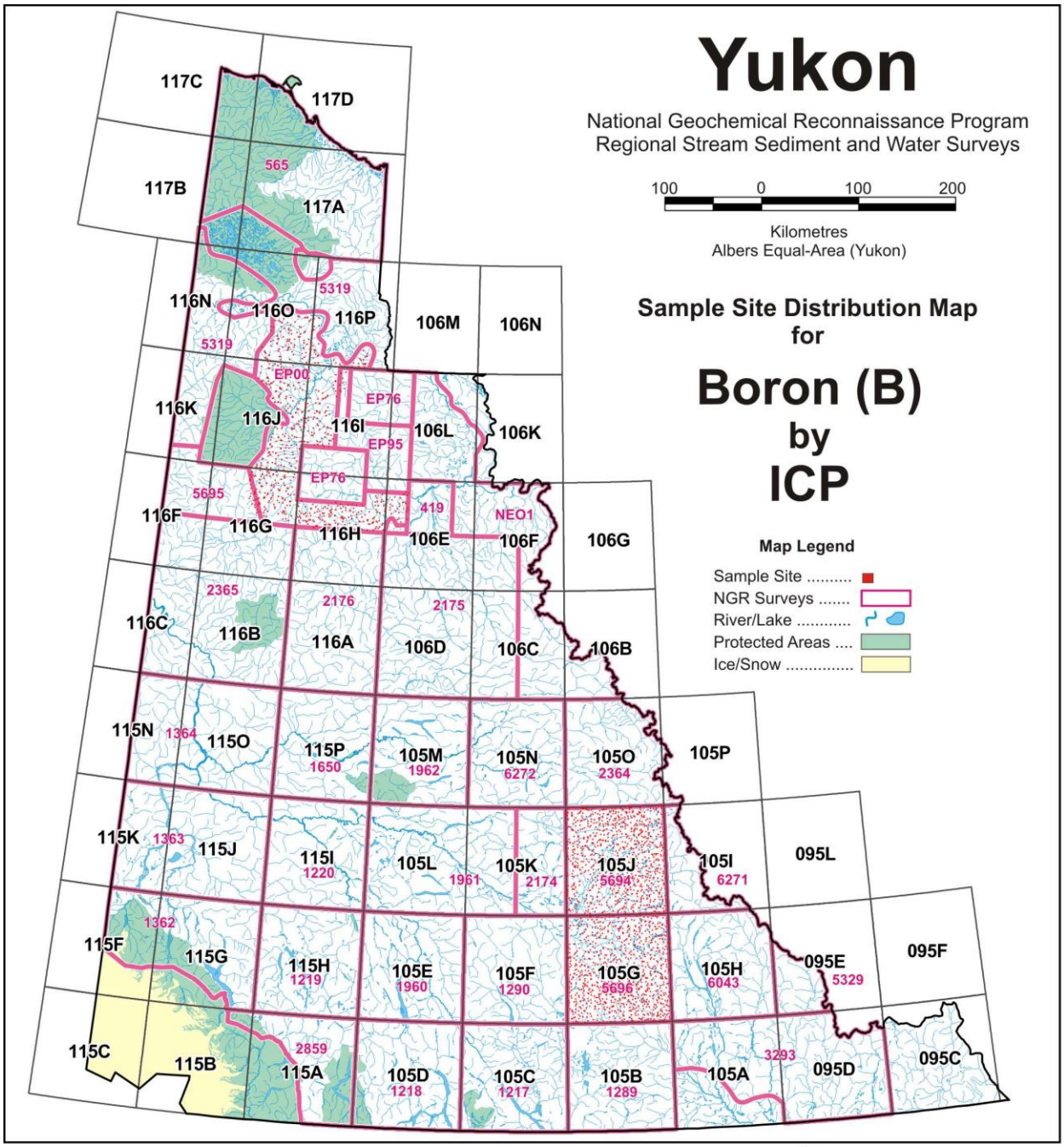




Summary Statistics - Stream Sediments

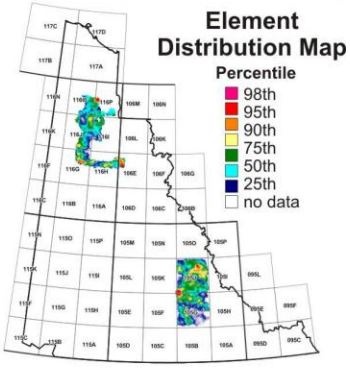
Variable	AS	*Mean*	15.2	*Min*	0.1
Units	ppm	*Median*	9.1	*25th %tile*	5.7
DL	0.1	*Mode*	6.8	*50th %tile*	9.1
Method	ICP	*StD*	32.08	*75th %tile*	15.0
N	6974	*CV*	2.11	*90th %tile*	25.7
N>DL	6959	*Range*	987.3	*95th %tile*	39.9
				98th %tile	82.5
				Max	987.4

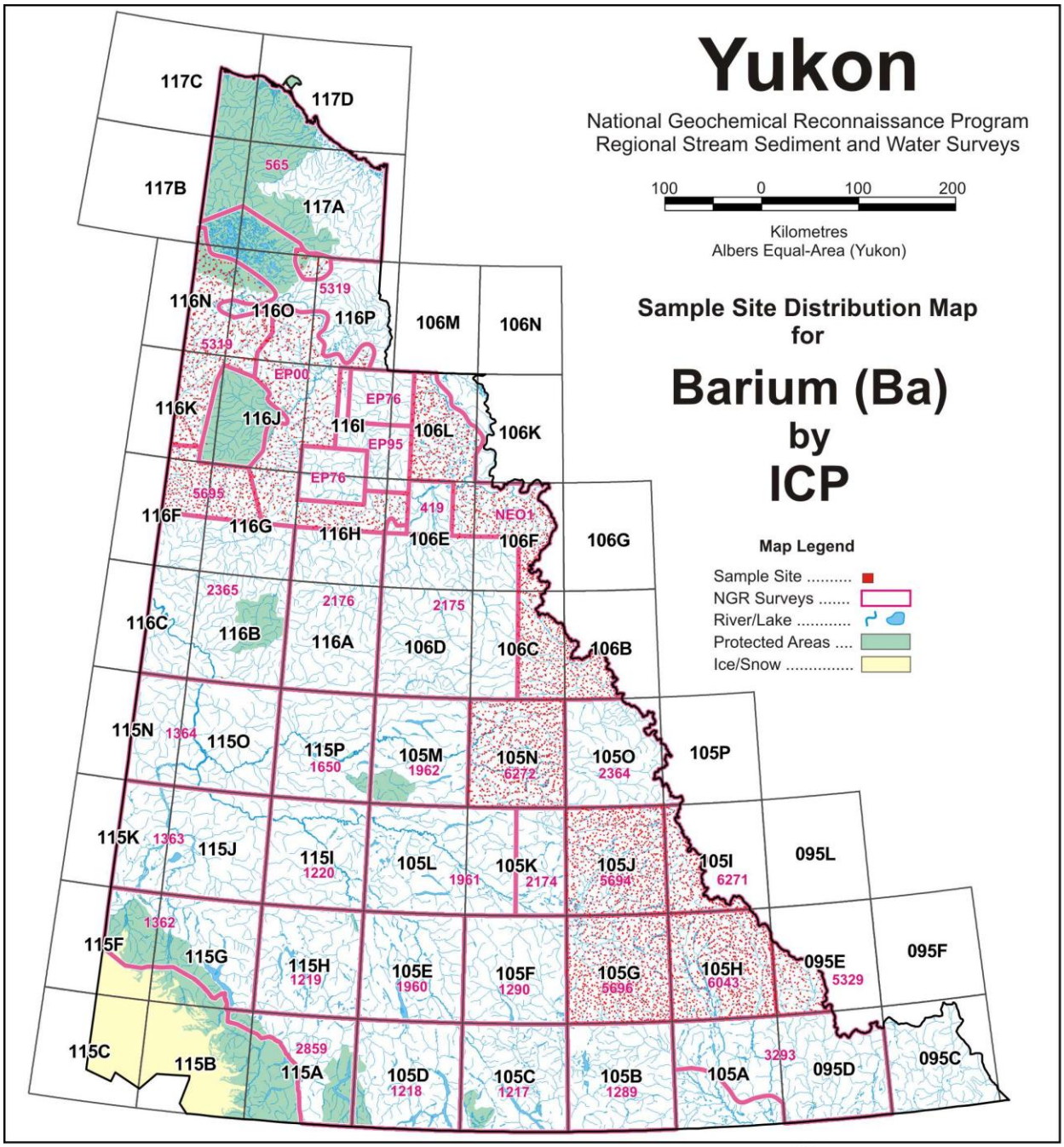




Summary Statistics - Stream Sediments

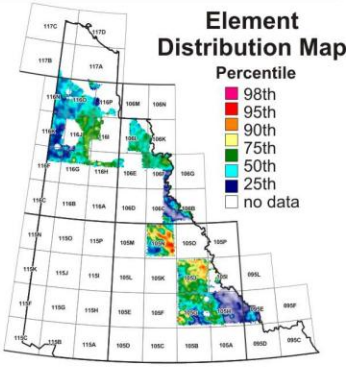
Variable	B	*Mean*	3	*Min*	1
Units	ppm	*Median*	3	*25th %tile*	2
DL	1	*Mode*	1	*50th %tile*	3
Method	ICP	*StD*	2.92	*75th %tile*	4
N	2549	*CV*	0.89	*90th %tile*	6
N>DL	1950	*Range*	92	*95th %tile*	7
				98th %tile	9
				Max	93

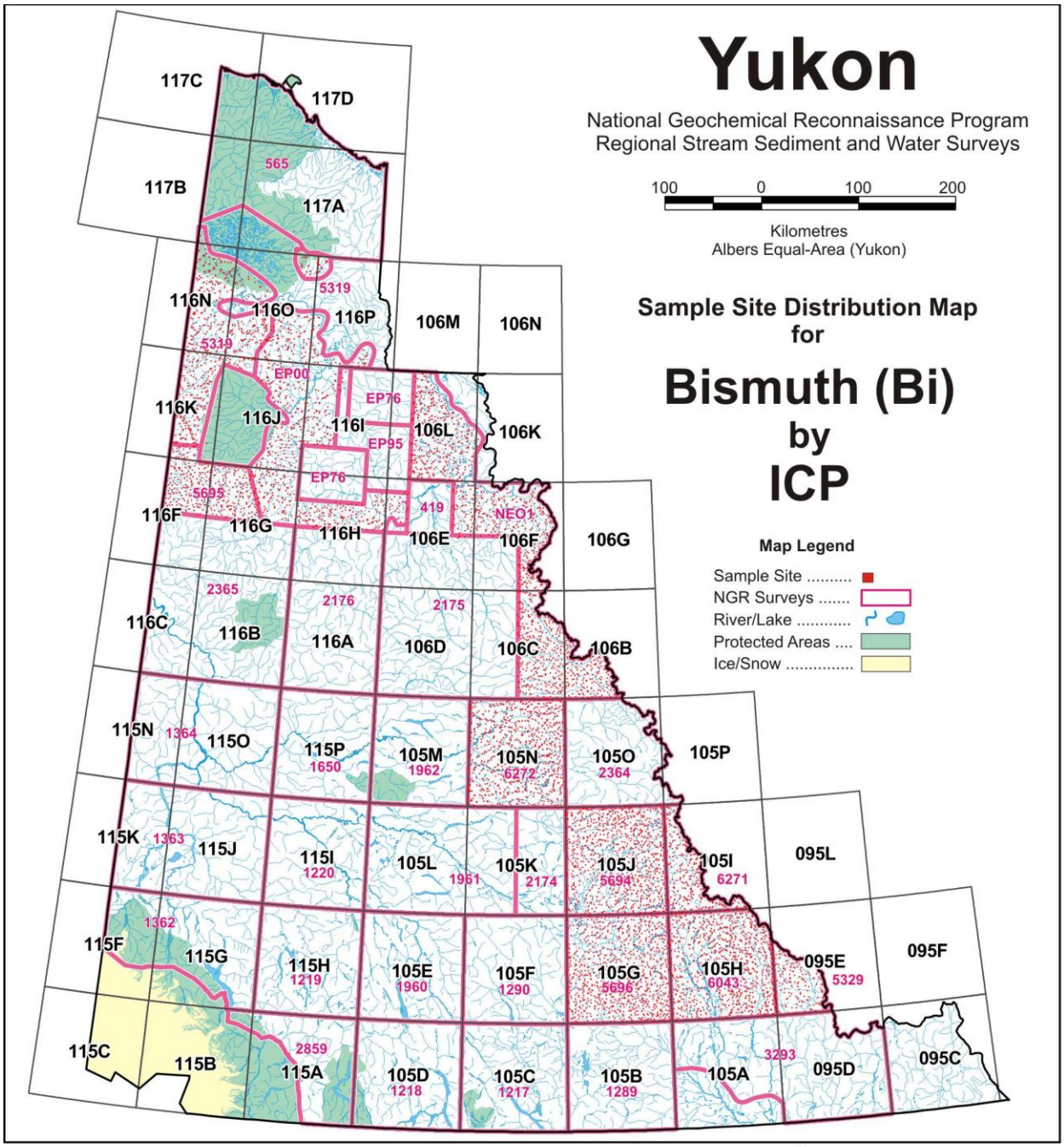




Summary Statistics - Stream Sediments

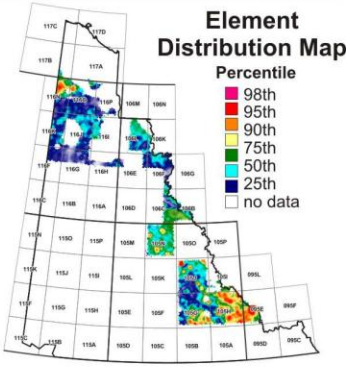
Variable	BA	*Mean*	359.3	*Min*	7.3
Units	ppm	*Median*	243.4	*25th %tile*	115.1
DL	0.5	*Mode*	60.8	*50th %tile*	243.4
Method	ICP	*StD*	398.50	*75th %tile*	434.1
N	6974	*CV*	1.11	*90th %tile*	771.4
N>DL	6974	*Range*	3850.8	*95th %tile*	1141.7
				98th %tile	1669.8
				Max	3858.1

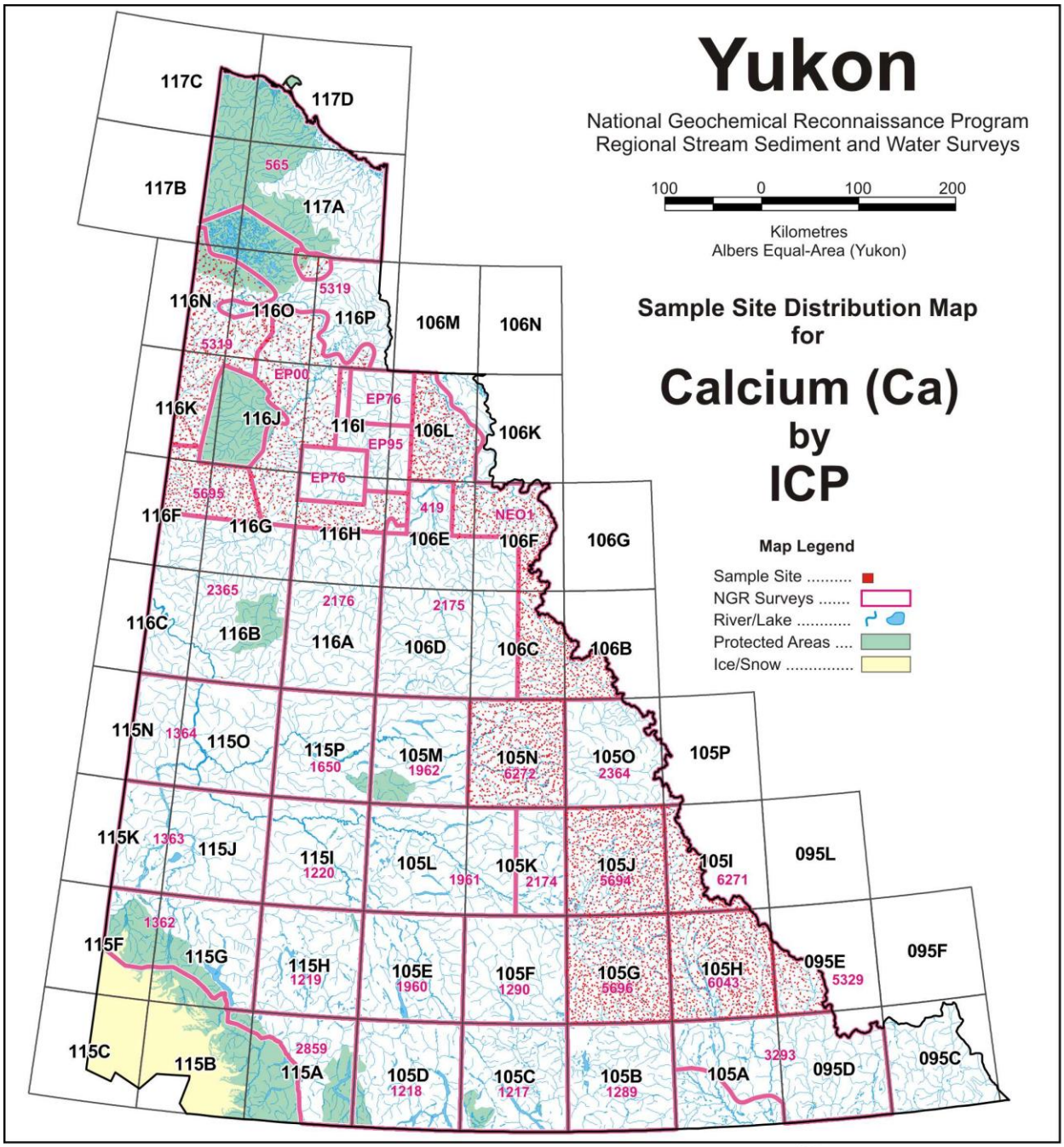




Summary Statistics - Stream Sediments

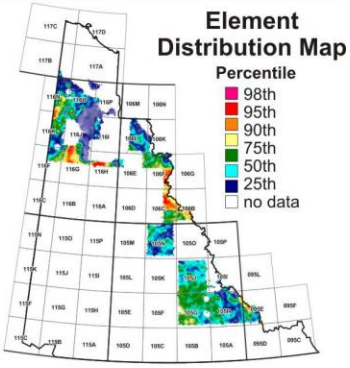
Variable	BI	*Mean*	0.36	*Min*	0.01
Units	ppm	*Median*	0.19	*25th %tile*	0.14
DL	0.02	*Mode*	0.16	*50th %tile*	0.19
Method	ICP	*StD*	0.95	*75th %tile*	0.29
N	6974	*CV*	2.64	*90th %tile*	0.55
N>DL	6862	*Range*	35.41	*95th %tile*	1.07
				98th %tile	2.29
				Max	35.42

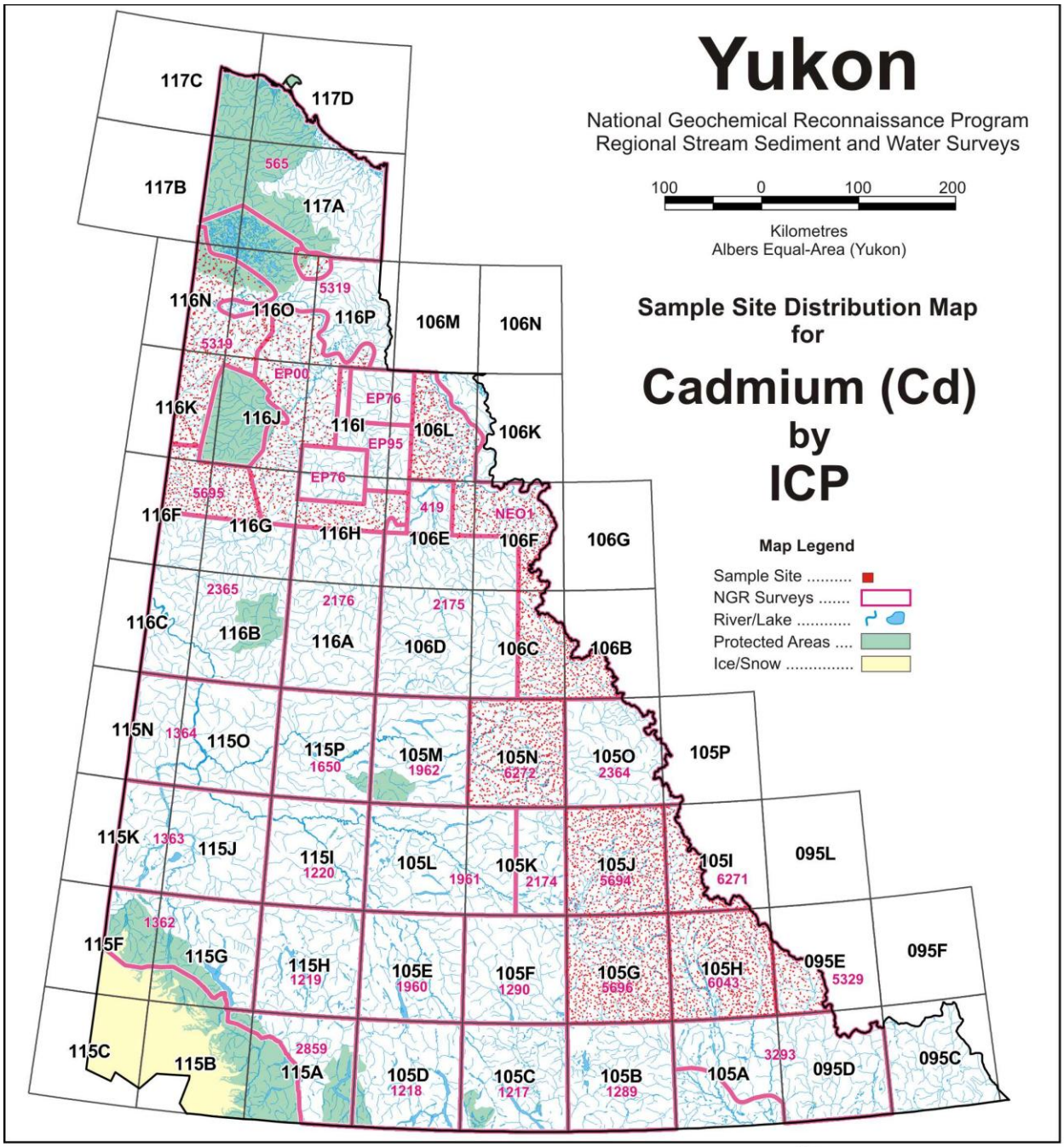




Summary Statistics - Stream Sediments

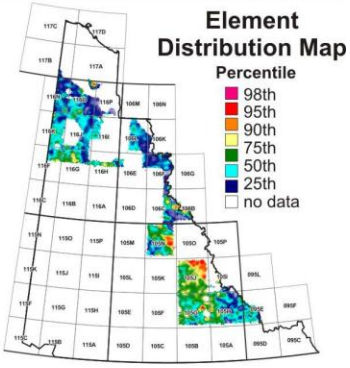
Variable	CA	*Mean*	1.90	*Min*	0.01
Units	pct	*Median*	0.57	*25th %tile*	0.33
DL	0.01	*Mode*	0.34	*50th %tile*	0.57
Method	ICP	*StD*	3.96	*75th %tile*	1.11
N	6974	*CV*	2.08	*90th %tile*	4.70
N>DL	6973	*Range*	37.71	*95th %tile*	11.27
				98th %tile	17.58
				Max	37.72

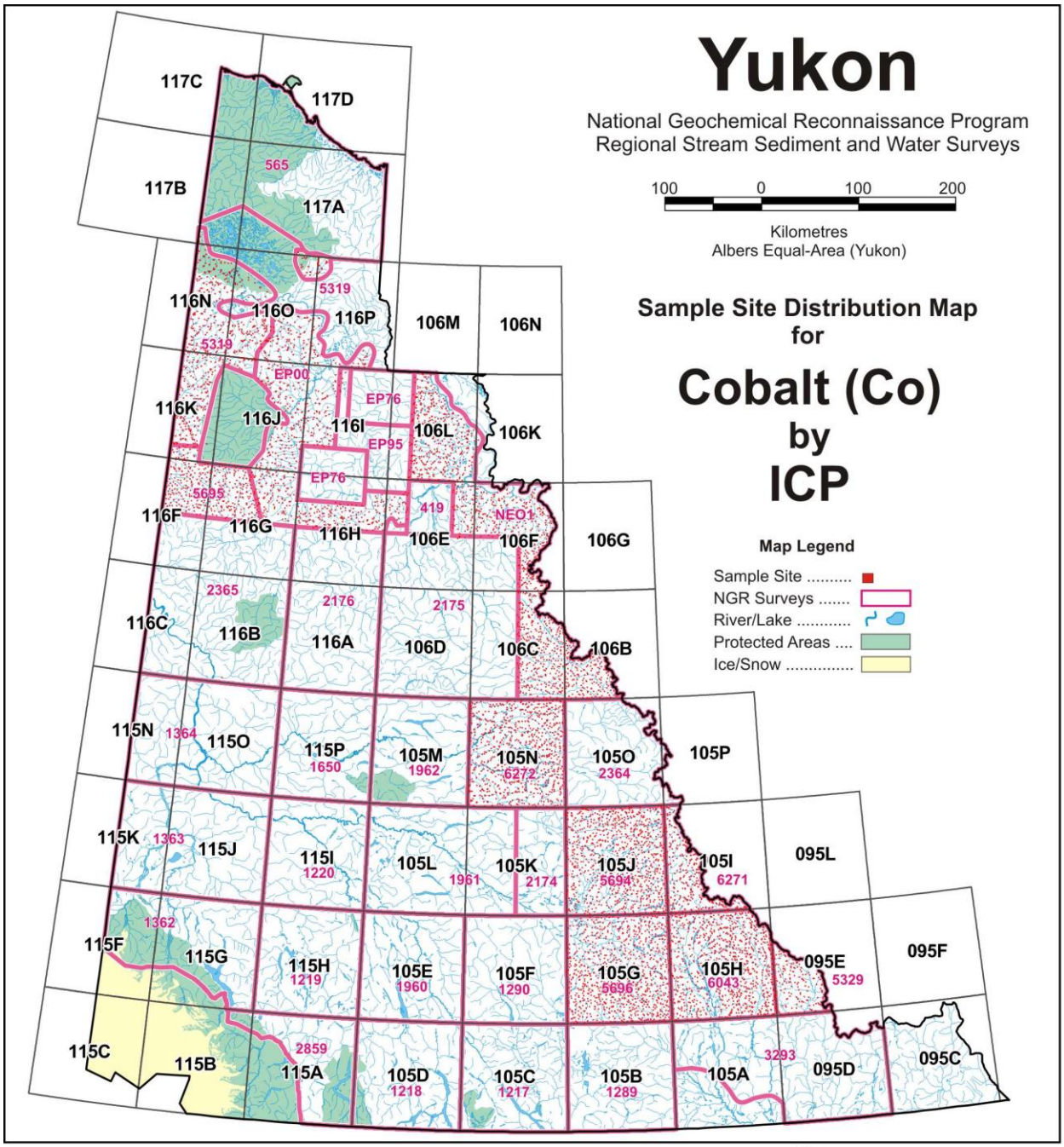




Summary Statistics - Stream Sediments

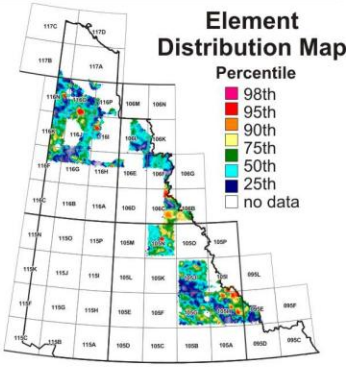
Variable	CD	*Mean*	1.37	*Min*	0.01
Units	ppm	*Median*	0.45	*25th %tile*	0.23
DL	0.01	*Mode*	0.24	*50th %tile*	0.45
Method	ICP	*StD*	3.01	*75th %tile*	1.21
N	6974	*CV*	2.19	*90th %tile*	3.13
N>DL	6967	*Range*	53.08	*95th %tile*	5.66
				98th %tile	10.23
				Max	53.09

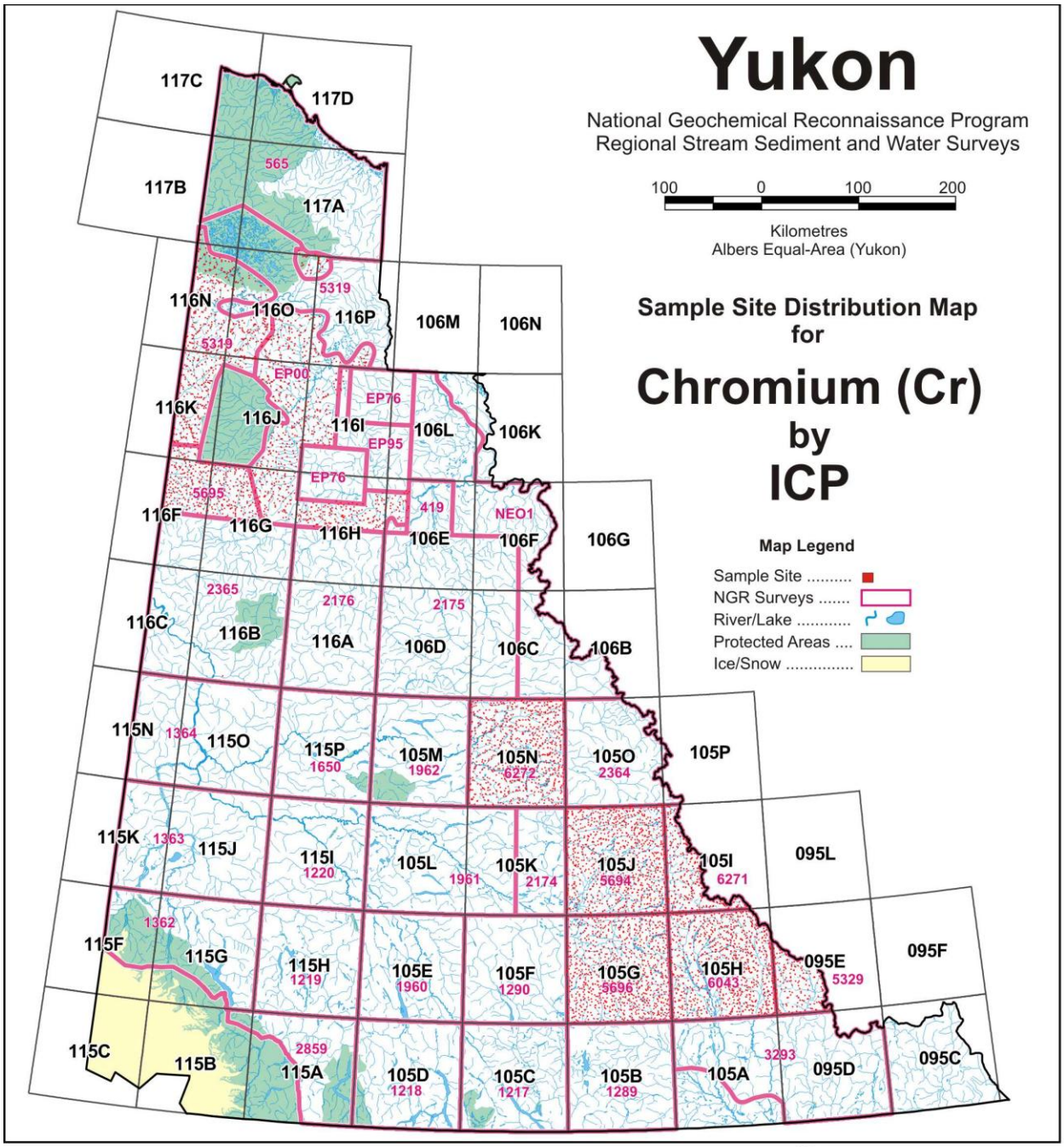




Summary Statistics - Stream Sediments

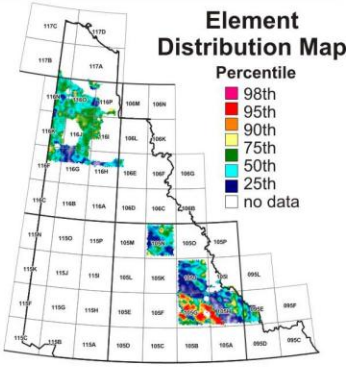
Variable	CO	*Mean*	12.73	*Min*	0.30
Units	ppm	*Median*	10.20	*25th %tile*	7.30
DL	0.10	*Mode*	9.20	*50th %tile*	10.20
Method	ICP	*StD*	14.90	*75th %tile*	14.20
N	6974	*CV*	1.17	*90th %tile*	20.90
N>DL	6974	*Range*	419.30	*95th %tile*	27.40
				98th %tile	41.90
				Max	419.60

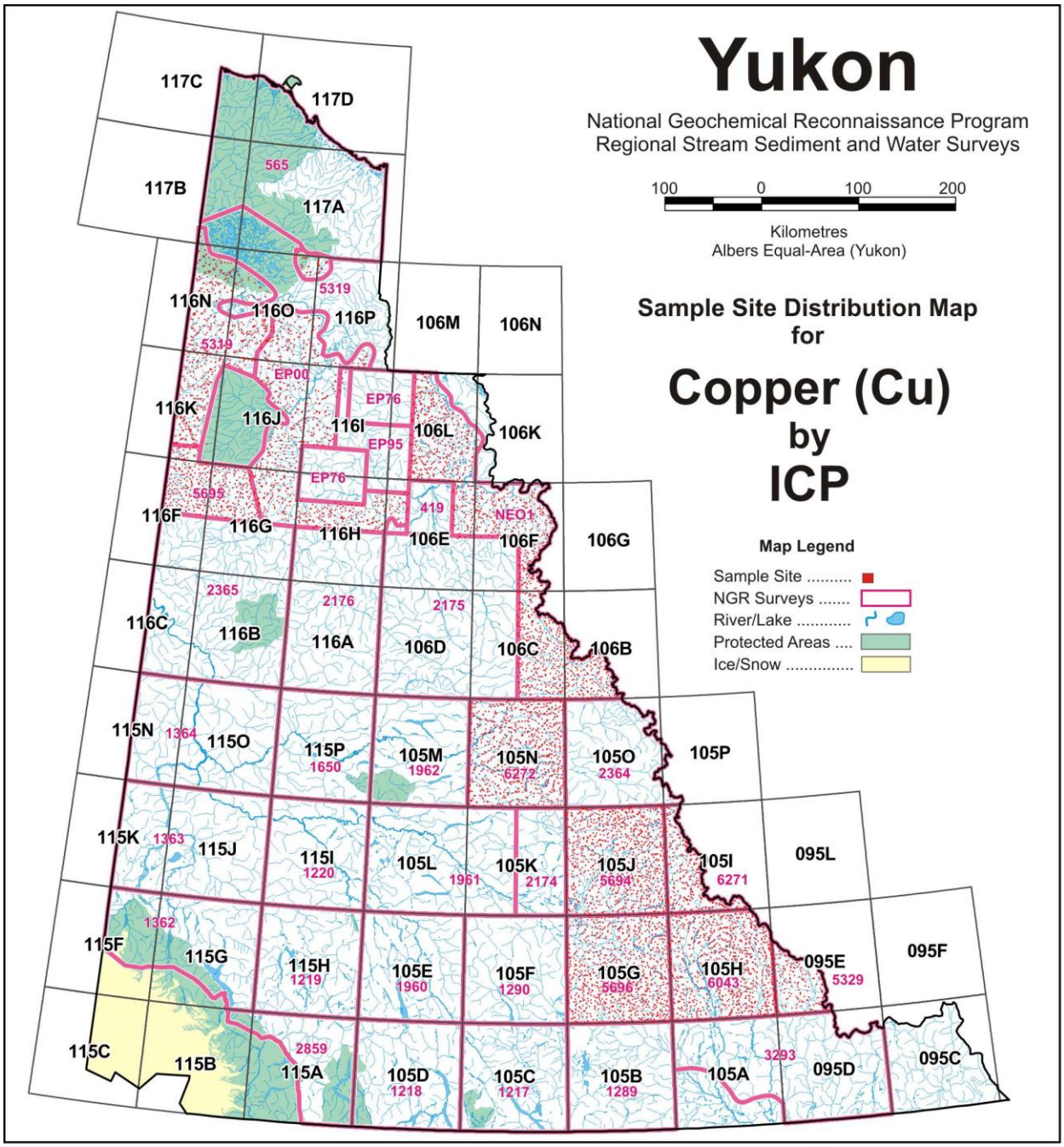




Summary Statistics - Stream Sediments

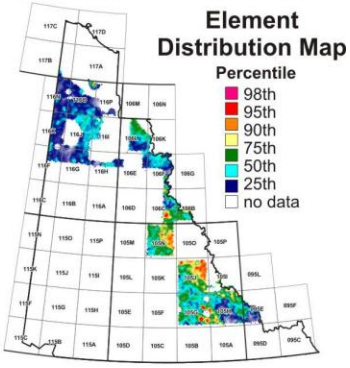
Variable	CR	*Mean*	22.3	*Min*	0.5
Units	ppm	*Median*	18.5	*25th %tile*	13.5
DL	0.5	*Mode*	15.0	*50th %tile*	18.5
Method	ICP	*StD*	31.02	*75th %tile*	24.2
N	5678	*CV*	1.39	*90th %tile*	31.9
N>DL	5649	*Range*	1135.8	*95th %tile*	43.0
				98th %tile	71.7
				Max	1136.3

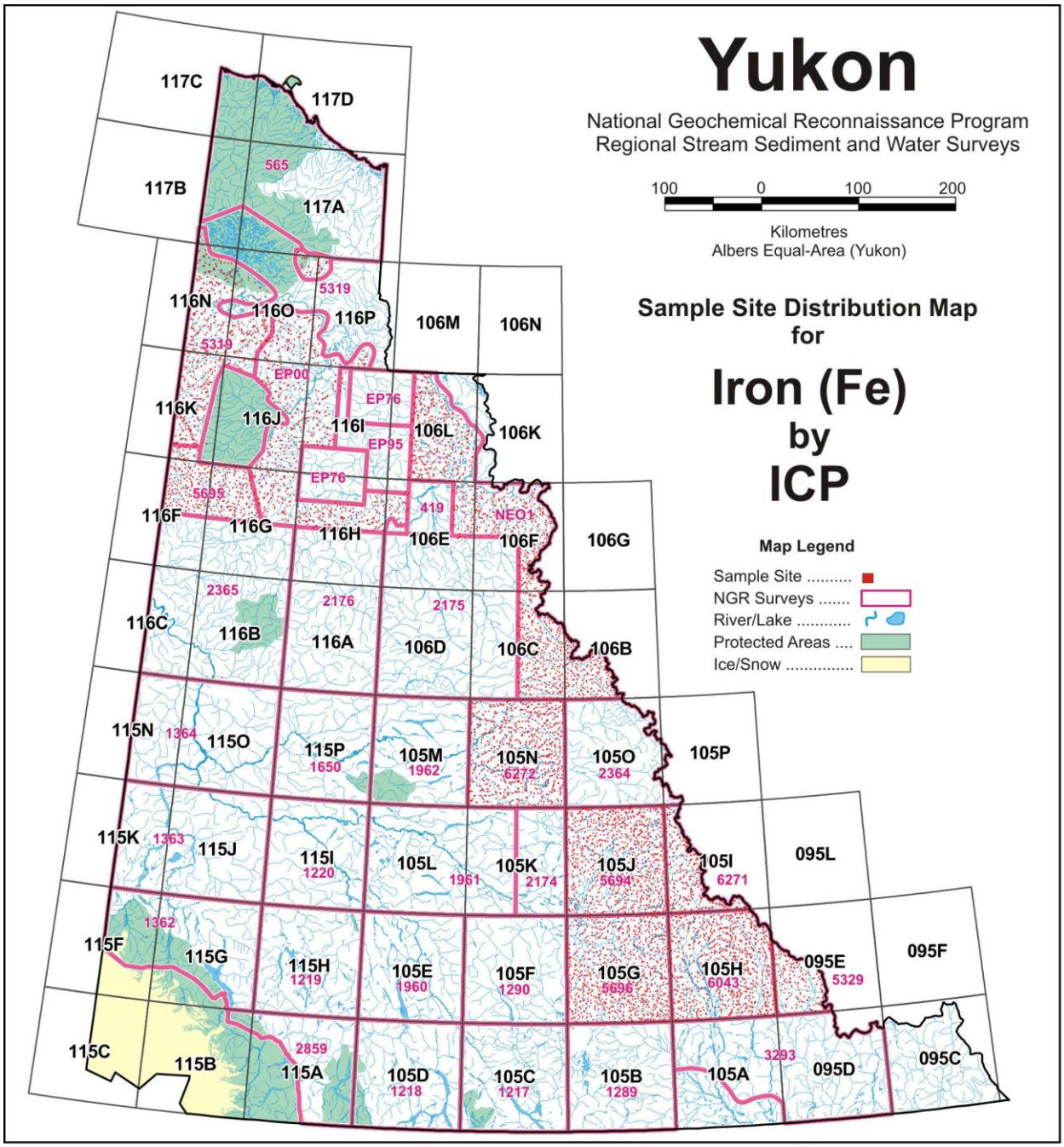




Summary Statistics - Stream Sediments

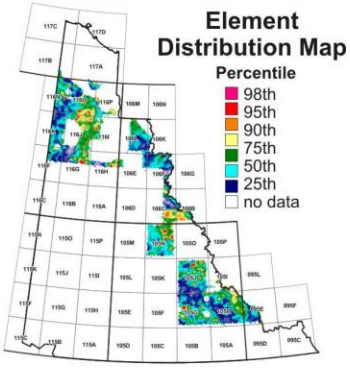
Variable	CU	*Mean*	31.73	*Min*	0.86
Units	ppm	*Median*	23.38	*25th %tile*	15.06
DL	0.01	*Mode*	20.20	*50th %tile*	23.38
Method	ICP	*StD*	41.97	*75th %tile*	37.05
N	6974	*CV*	1.32	*90th %tile*	61.10
N>DL	6974	*Range*	1934.86	*95th %tile*	82.38
				98th %tile	111.03
				Max	1935.72

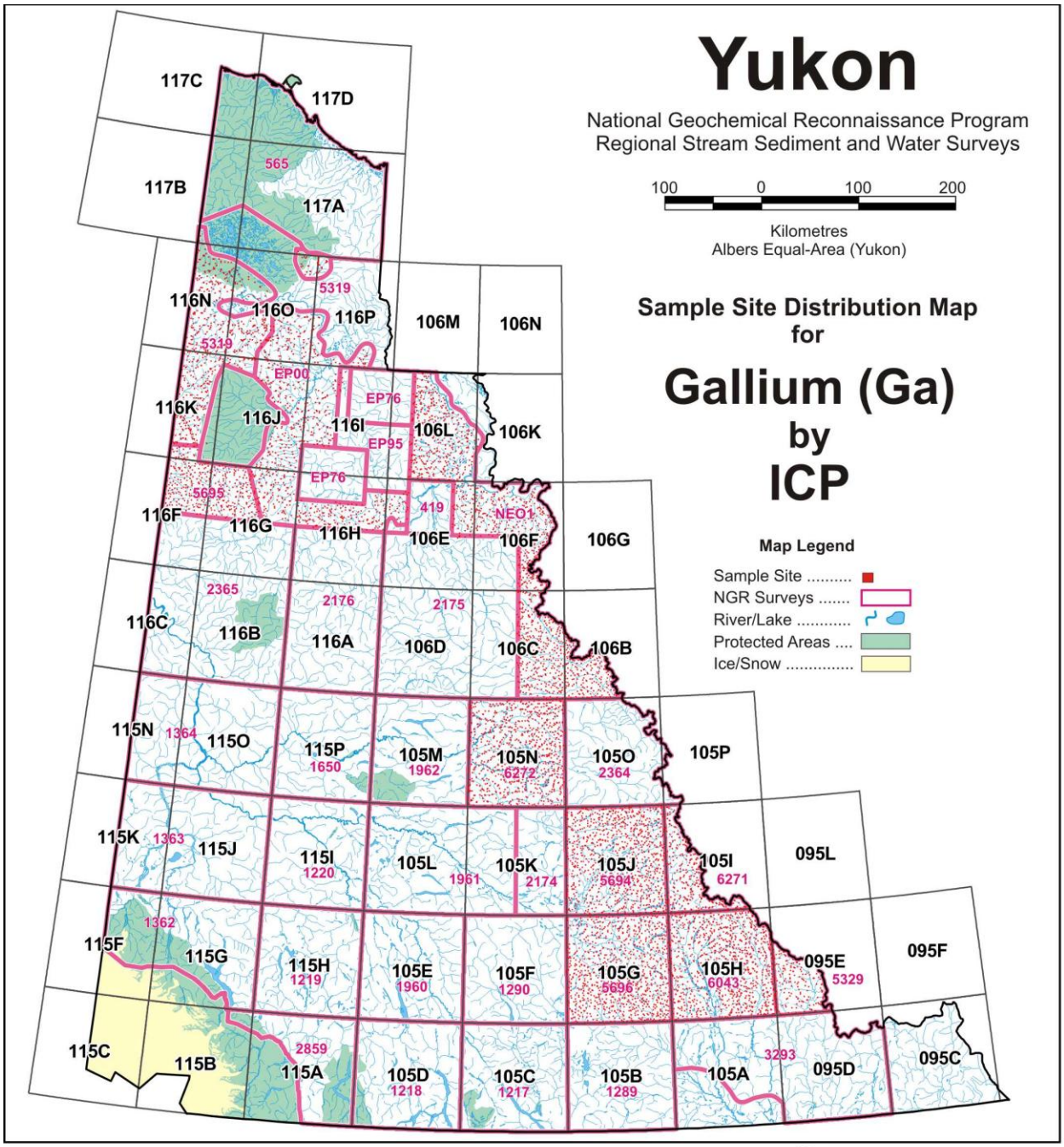




Summary Statistics - Stream Sediments

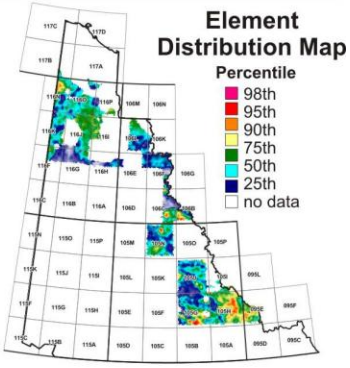
Variable	FE	*Mean*	2.58	*Min*	0.10
Units	pct	*Median*	2.39	*25th %tile*	1.88
DL	0.02	*Mode*	2.50	*50th %tile*	2.39
Method	ICP	*StD*	1.47	*75th %tile*	3.03
N	6974	*CV*	0.57	*90th %tile*	3.86
N>DL	6974	*Range*	38.11	*95th %tile*	4.50
				98th %tile	5.49
				Max	38.21

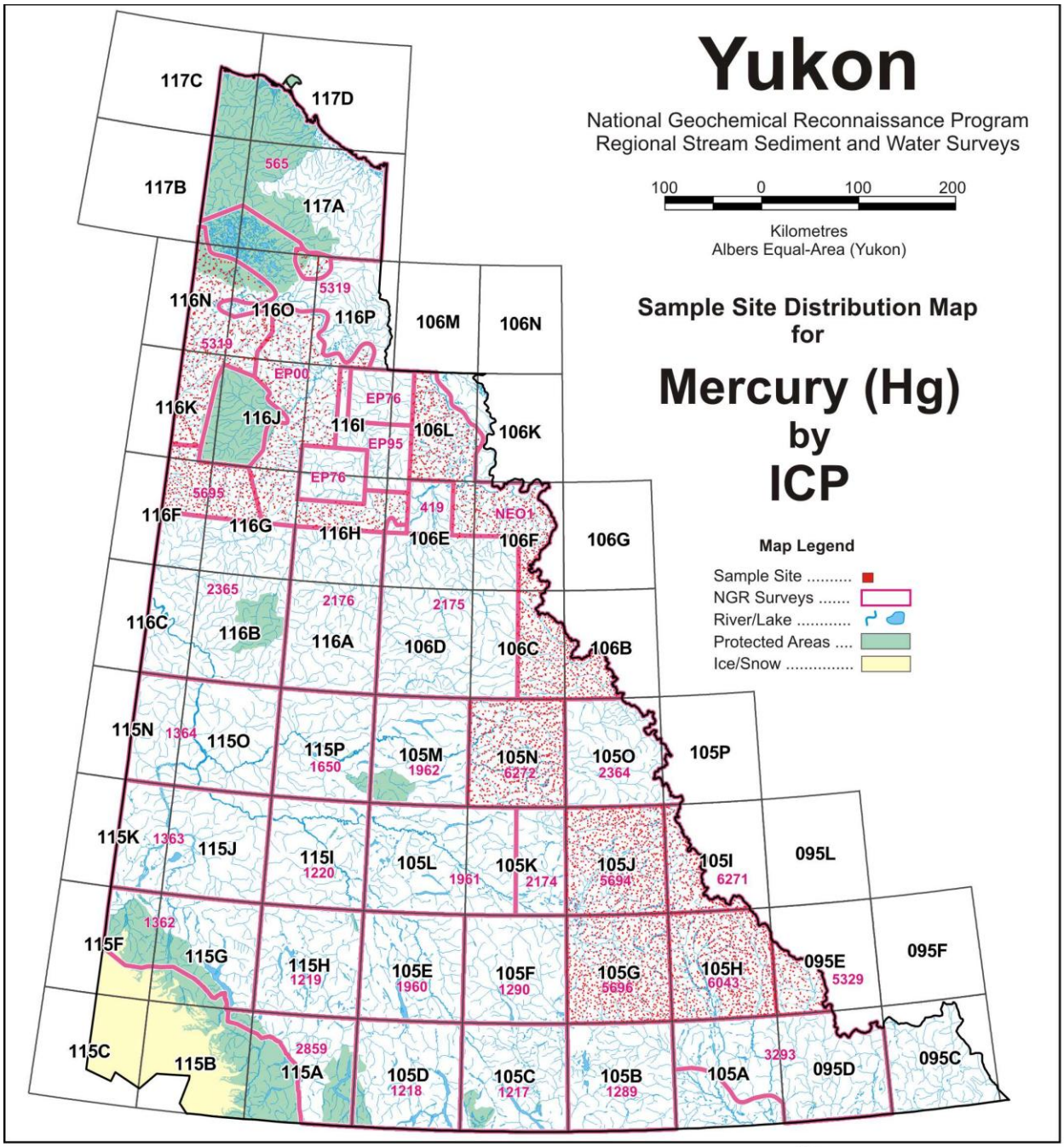




Summary Statistics - Stream Sediments

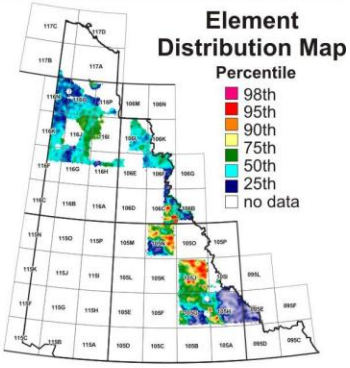
Variable	GA	*Mean*	3.2	*Min*	0.1
Units	ppm	*Median*	2.9	*25th %tile*	2.2
DL	0.2	*Mode*	2.8	*50th %tile*	2.9
Method	ICP	*StD*	1.63	*75th %tile*	3.8
N	6974	*CV*	0.52	*90th %tile*	5.2
N>DL	6913	*Range*	16.3	*95th %tile*	6.3
				98th %tile	7.4
				Max	16.4

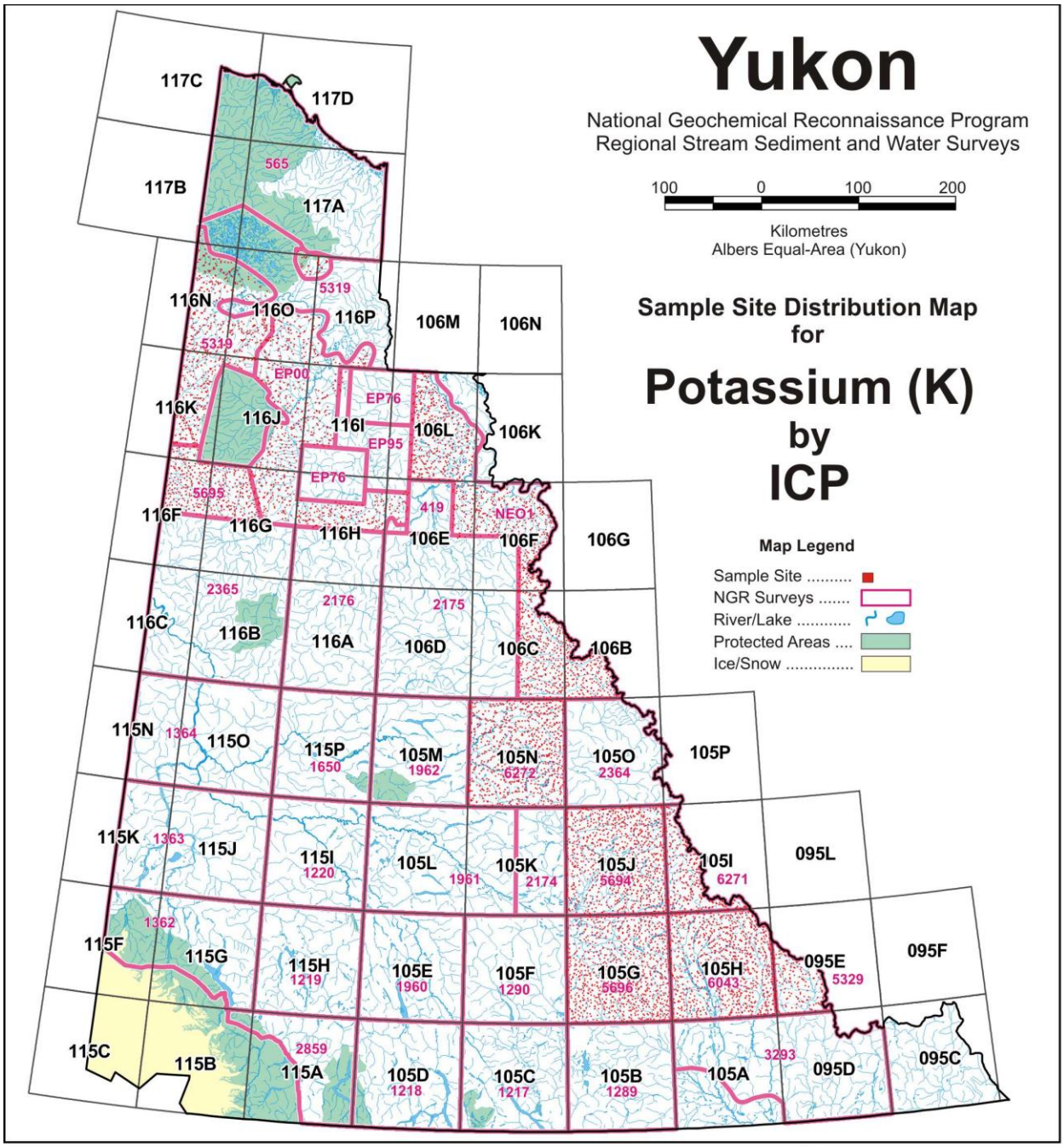




Summary Statistics - Stream Sediments

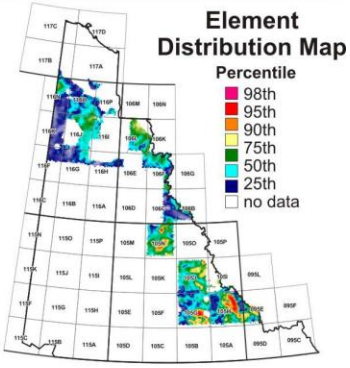
Variable	HG	*Mean*	98	*Min*	3
Units	ppb	*Median*	57	*25th %tile*	30
DL	5	*Mode*	5	*50th %tile*	57
Method	ICP	*StD*	225.59	*75th %tile*	106
N	6974	*CV*	2.30	*90th %tile*	216
N>DL	6830	*Range*	13899	*95th %tile*	324
				98th %tile	462
				Max	13902

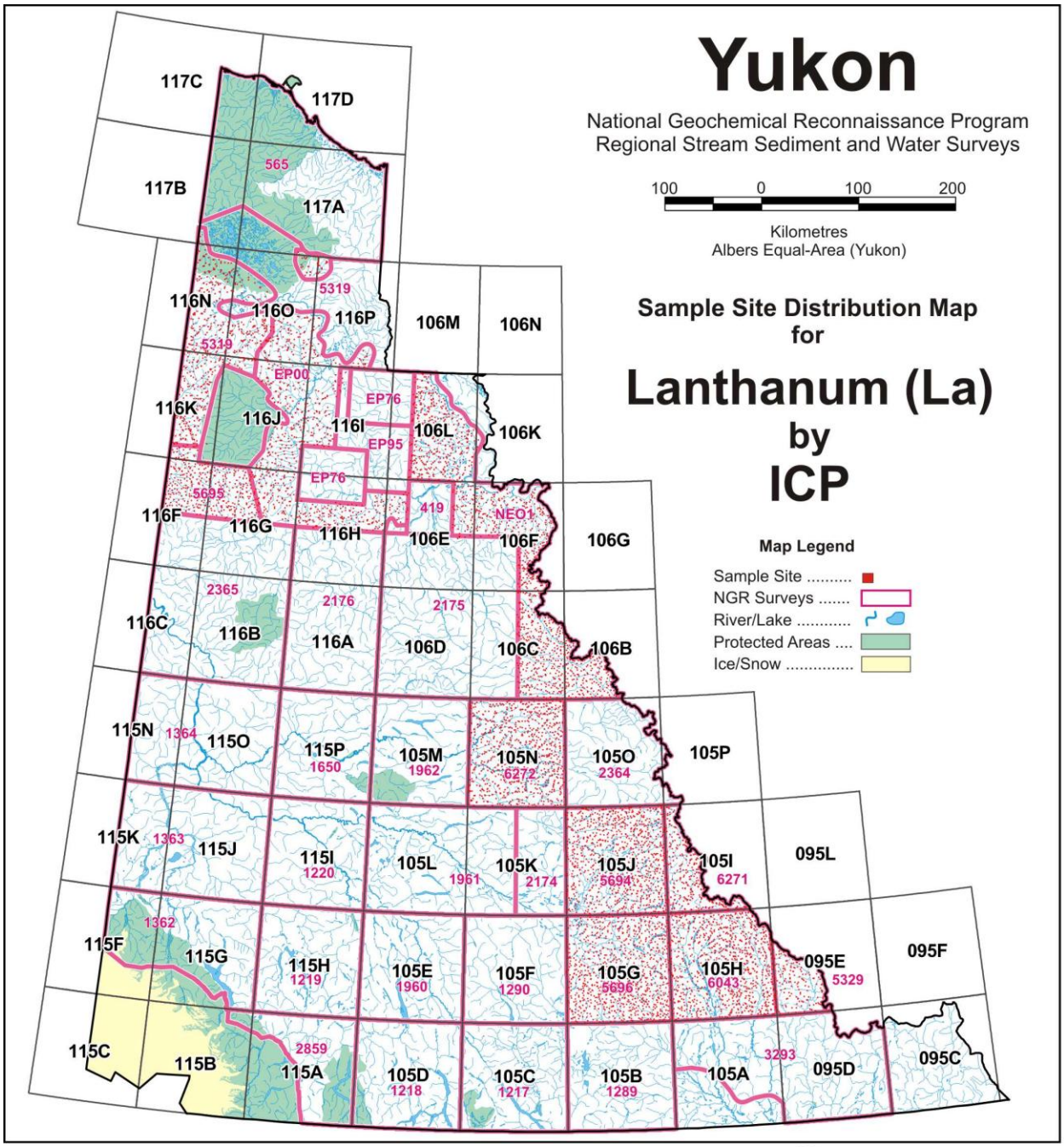




Summary Statistics - Stream Sediments

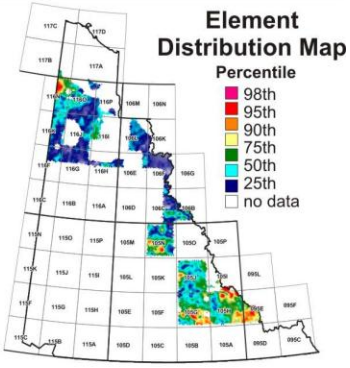
Variable	K	*Mean*	0.11	*Min*	0.01
Units	pct	*Median*	0.09	*25th %tile*	0.07
DL	0.01	*Mode*	0.09	*50th %tile*	0.09
Method	ICP	*StD*	0.07	*75th %tile*	0.13
N	6974	*CV*	0.63	*90th %tile*	0.18
N>DL	6931	*Range*	0.91	*95th %tile*	0.22
				98th %tile	0.31
				Max	0.92

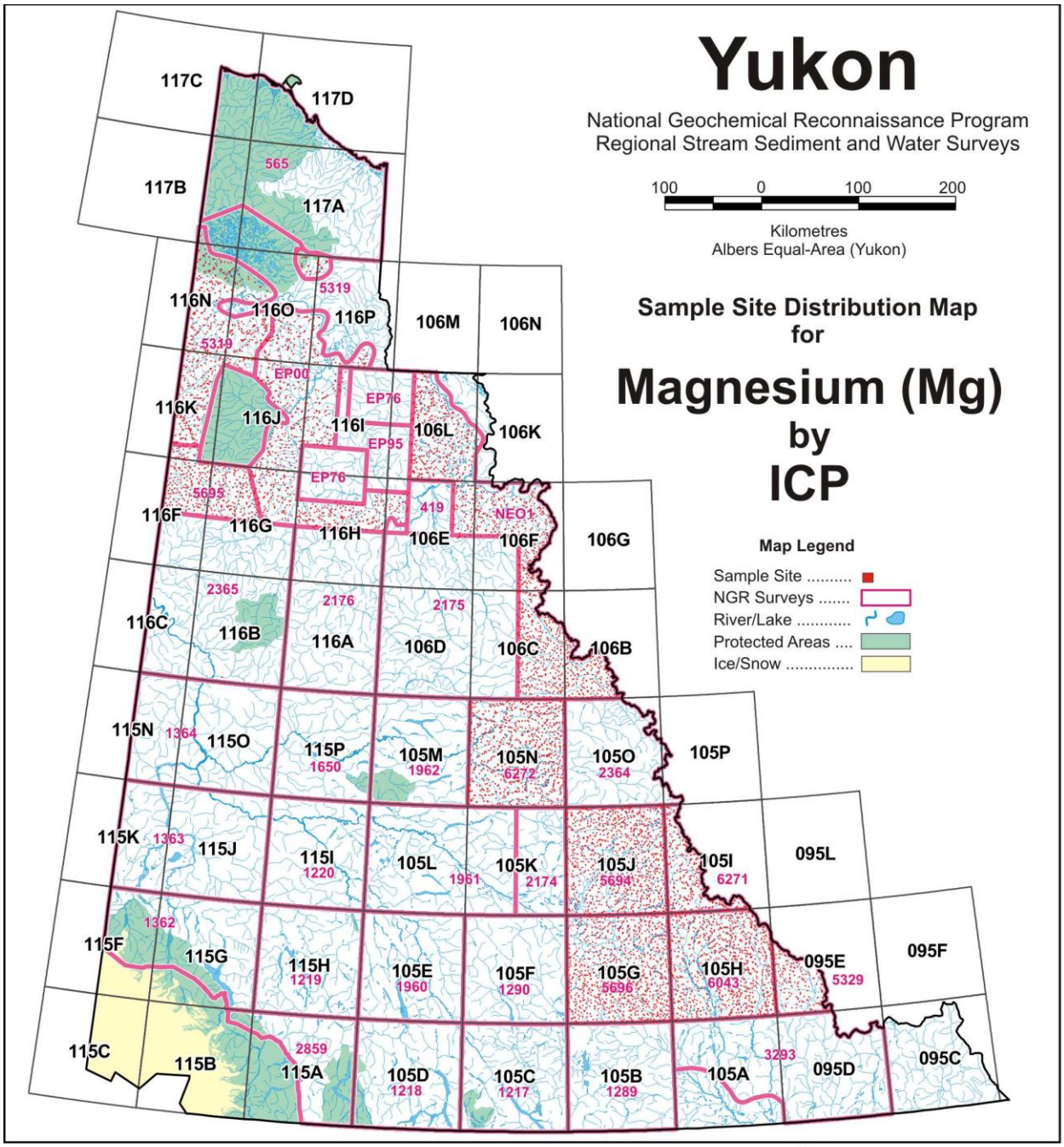




Summary Statistics - Stream Sediments

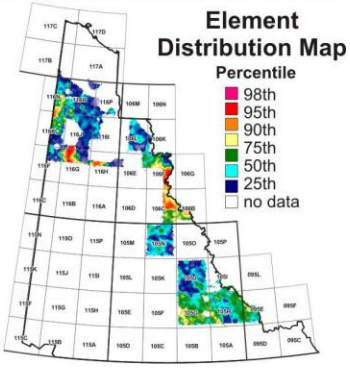
Variable	LA	*Mean*	13.9	*Min*	0.5
Units	ppm	*Median*	11.1	*25th %tile*	7.2
DL	0.5	*Mode*	9.6	*50th %tile*	11.1
Method	ICP	*StD*	12.83	*75th %tile*	16.6
N	6974	*CV*	0.93	*90th %tile*	24.9
N>DL	6972	*Range*	311.2	*95th %tile*	32.8
				98th %tile	44.3
				Max	311.7

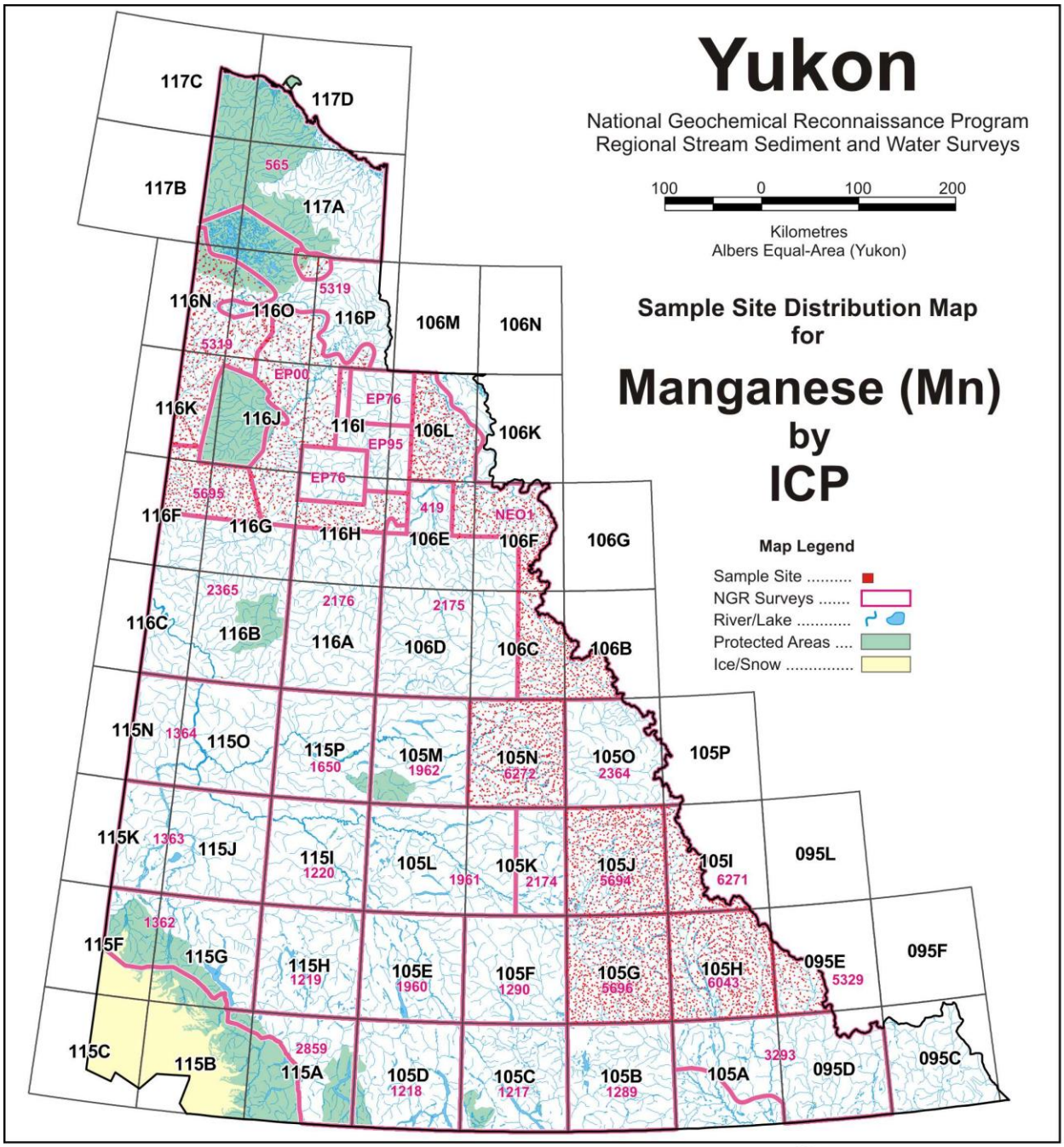




Summary Statistics - Stream Sediments

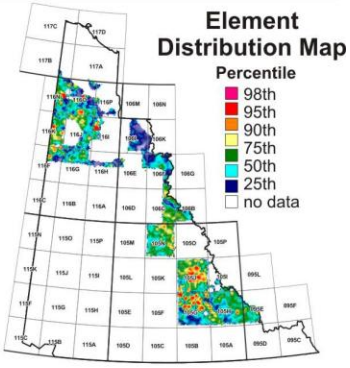
Variable	MG	*Mean*	0.94	*Min*	0.01
Units	pct	*Median*	0.43	*25th %tile*	0.30
DL	0.01	*Mode*	0.36	*50th %tile*	0.43
Method	ICP	*StD*	1.66	*75th %tile*	0.73
N	6974	*CV*	1.76	*90th %tile*	1.64
N>DL	6973	*Range*	12.77	*95th %tile*	4.35
				98th %tile	8.11
				Max	12.78

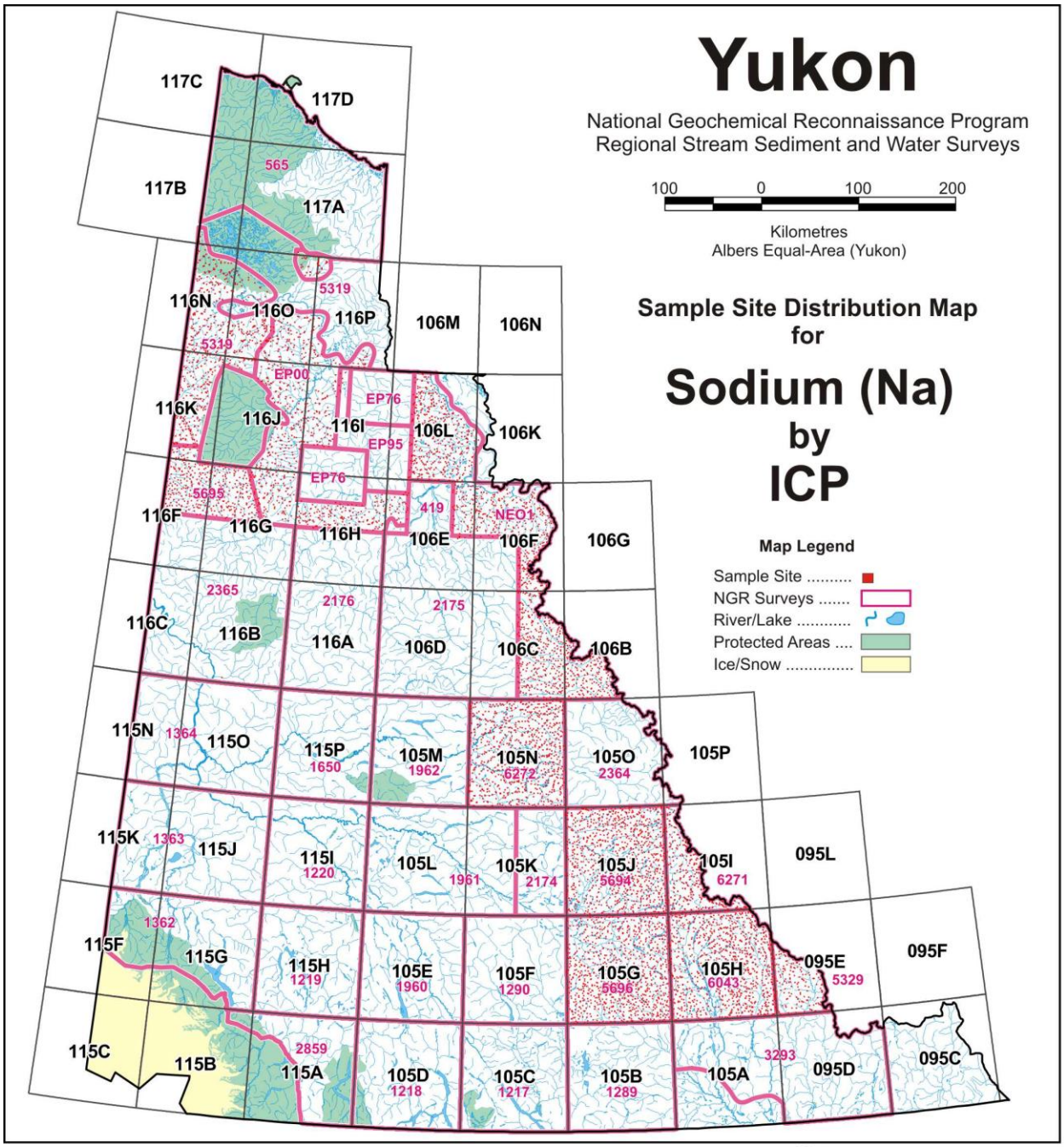




Summary Statistics - Stream Sediments

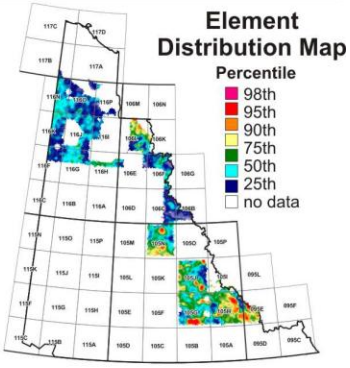
Variable	MN	*Mean*	638	*Min*	10
Units	ppm	*Median*	412	*25th %tile*	259
DL	1	*Mode*	310	*50th %tile*	412
Method	ICP	*StD*	1044.87	*75th %tile*	658
N	6977	*CV*	1.64	*90th %tile*	1126
N>DL	6977	*Range*	26812	*95th %tile*	1722
				98th %tile	3088
				Max	26822

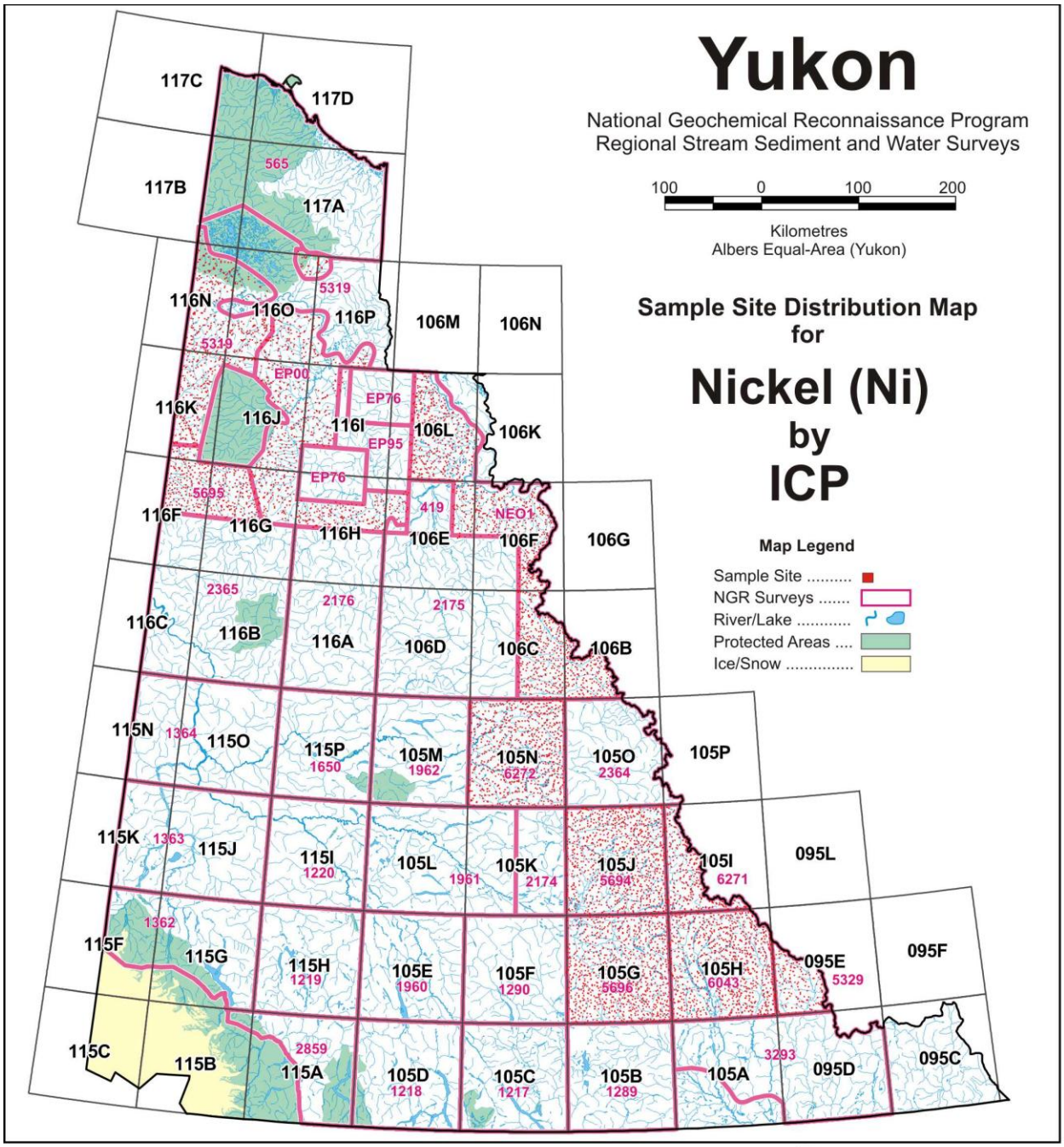




Summary Statistics - Stream Sediments

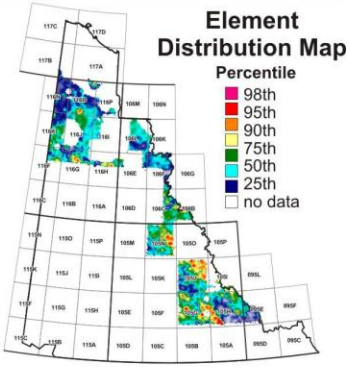
Variable	NA	*Mean*	0.011	*Min*	0.001
Units	pct	*Median*	0.008	*25th %tile*	0.005
DL	0.001	*Mode*	0.006	*50th %tile*	0.008
Method	ICP	*StD*	0.013	*75th %tile*	0.011
N	6974	*CV*	1.228	*90th %tile*	0.019
N>DL	6923	*Range*	0.281	*95th %tile*	0.026
				98th %tile	0.044
				Max	0.282

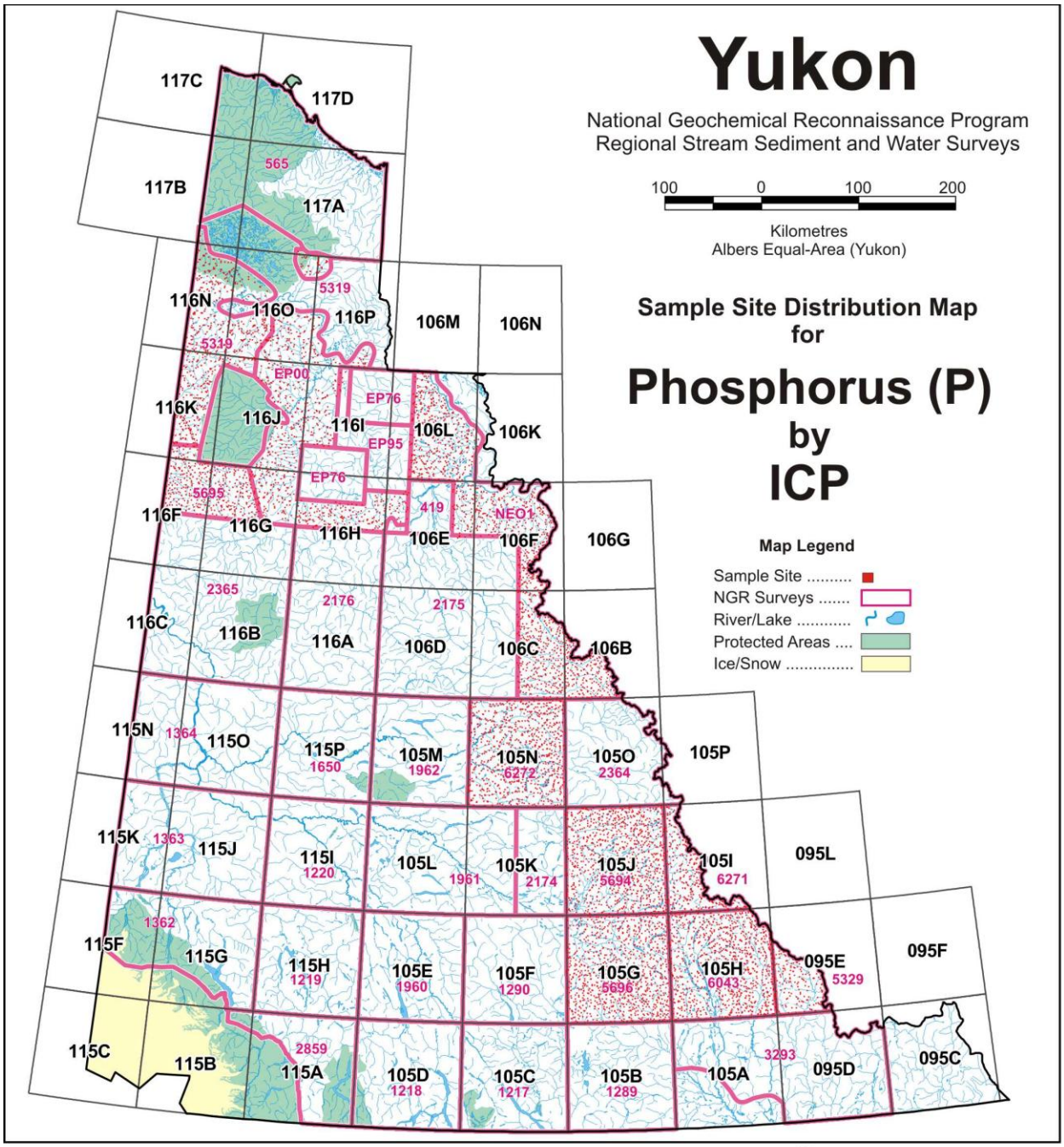




Summary Statistics - Stream Sediments

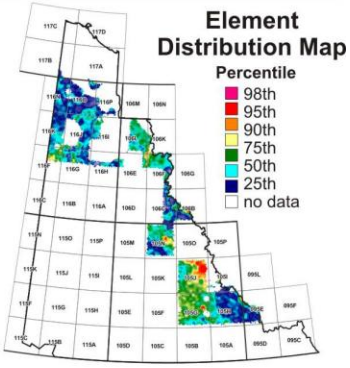
Variable	NI	*Mean*	39.7	*Min*	0.1
Units	ppm	*Median*	28.2	*25th %tile*	20.1
DL	0.1	*Mode*	26.1	*50th %tile*	28.2
Method	ICP	*StD*	49.96	*75th %tile*	40.8
N	6974	*CV*	1.26	*90th %tile*	73.6
N>DL	6973	*Range*	838.2	*95th %tile*	108.3
				98th %tile	164.5
				Max	838.3

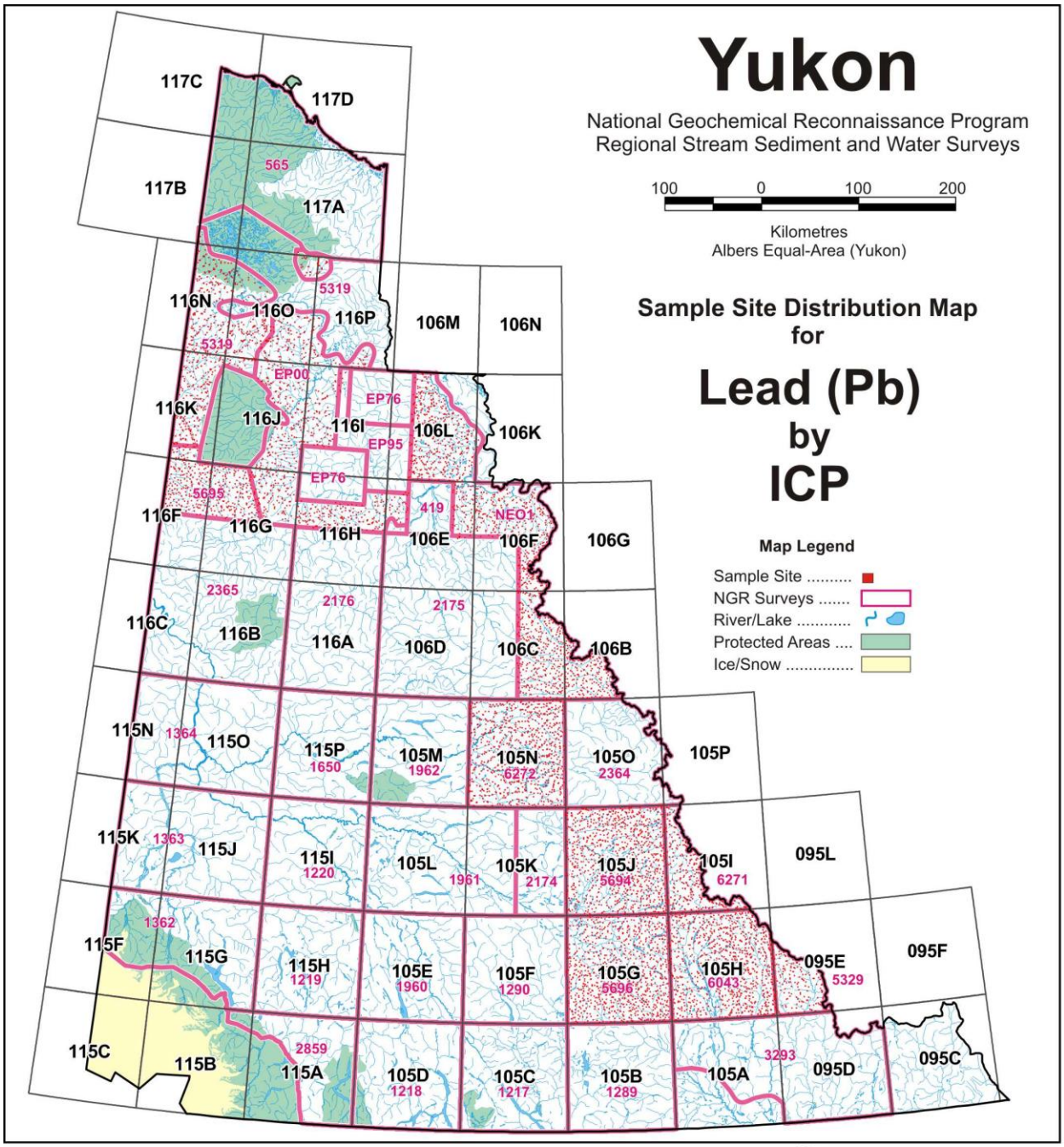




Summary Statistics - Stream Sediments

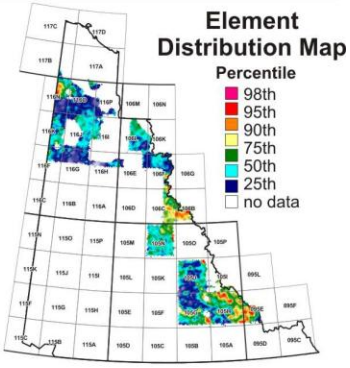
Variable	P	*Mean*	0.095	*Min*	0.003
Units	pct	*Median*	0.079	*25th %tile*	0.060
DL	0.001	*Mode*	0.061	*50th %tile*	0.079
Method	ICP	*StD*	0.079	*75th %tile*	0.114
N	6974	*CV*	0.824	*90th %tile*	0.159
N>DL	6974	*Range*	3.351	*95th %tile*	0.200
				98th %tile	0.261
				Max	3.354

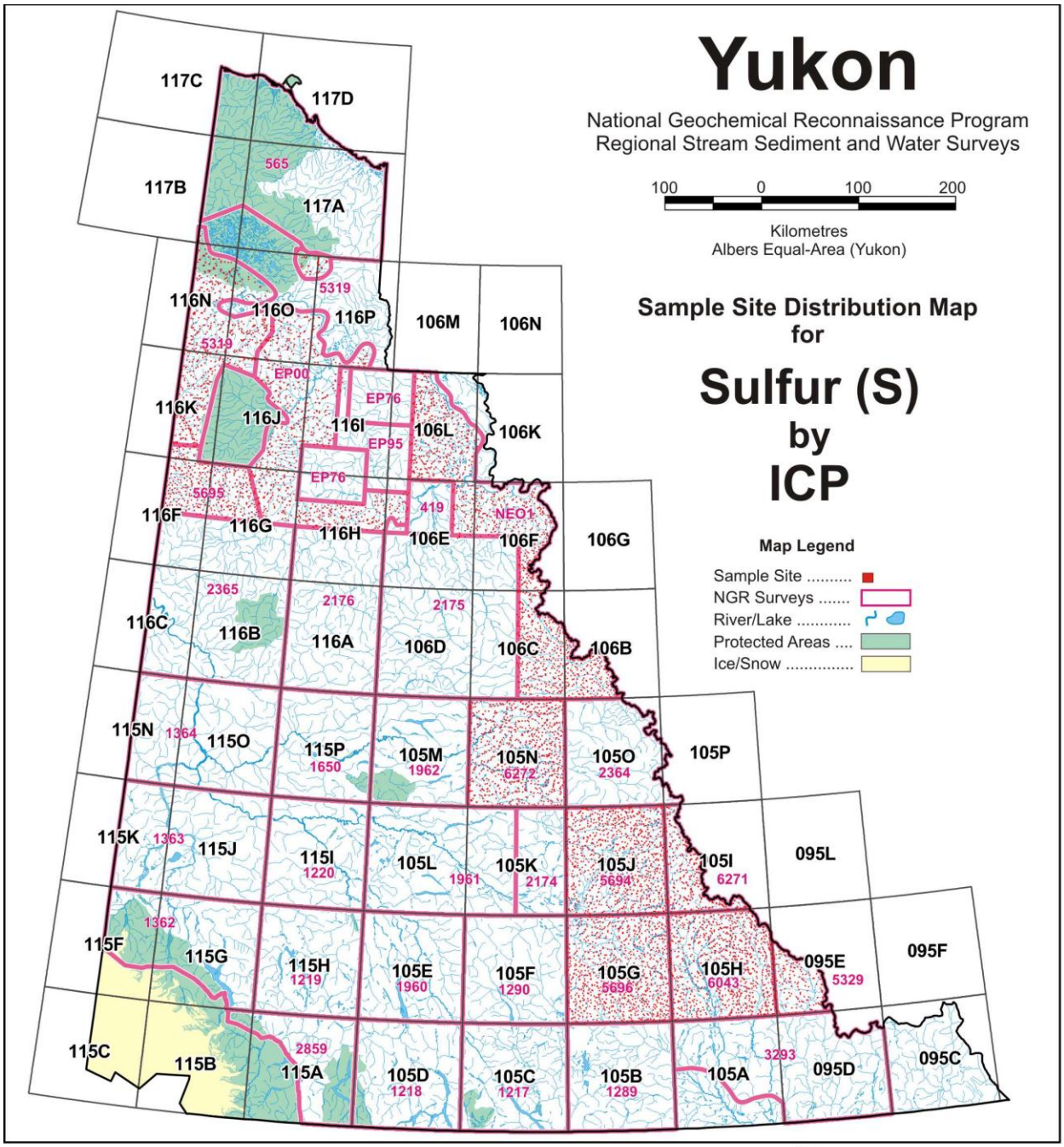




Summary Statistics - Stream Sediments

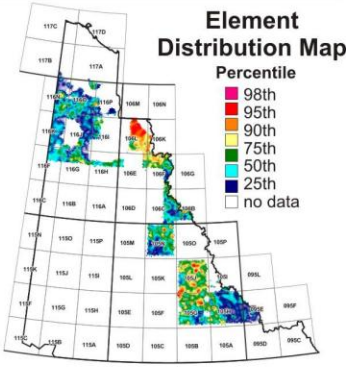
Variable	PB	*Mean*	17.76	*Min*	0.58
Units	ppm	*Median*	13.07	*25th %tile*	10.07
DL	0.01	*Mode*	13.00	*50th %tile*	13.07
Method	ICP	*StD*	84.35	*75th %tile*	18.36
N	6974	*CV*	4.75	*90th %tile*	28.50
N>DL	6974	*Range*	6891.63	*95th %tile*	37.20
				98th %tile	53.88
				Max	6892.21

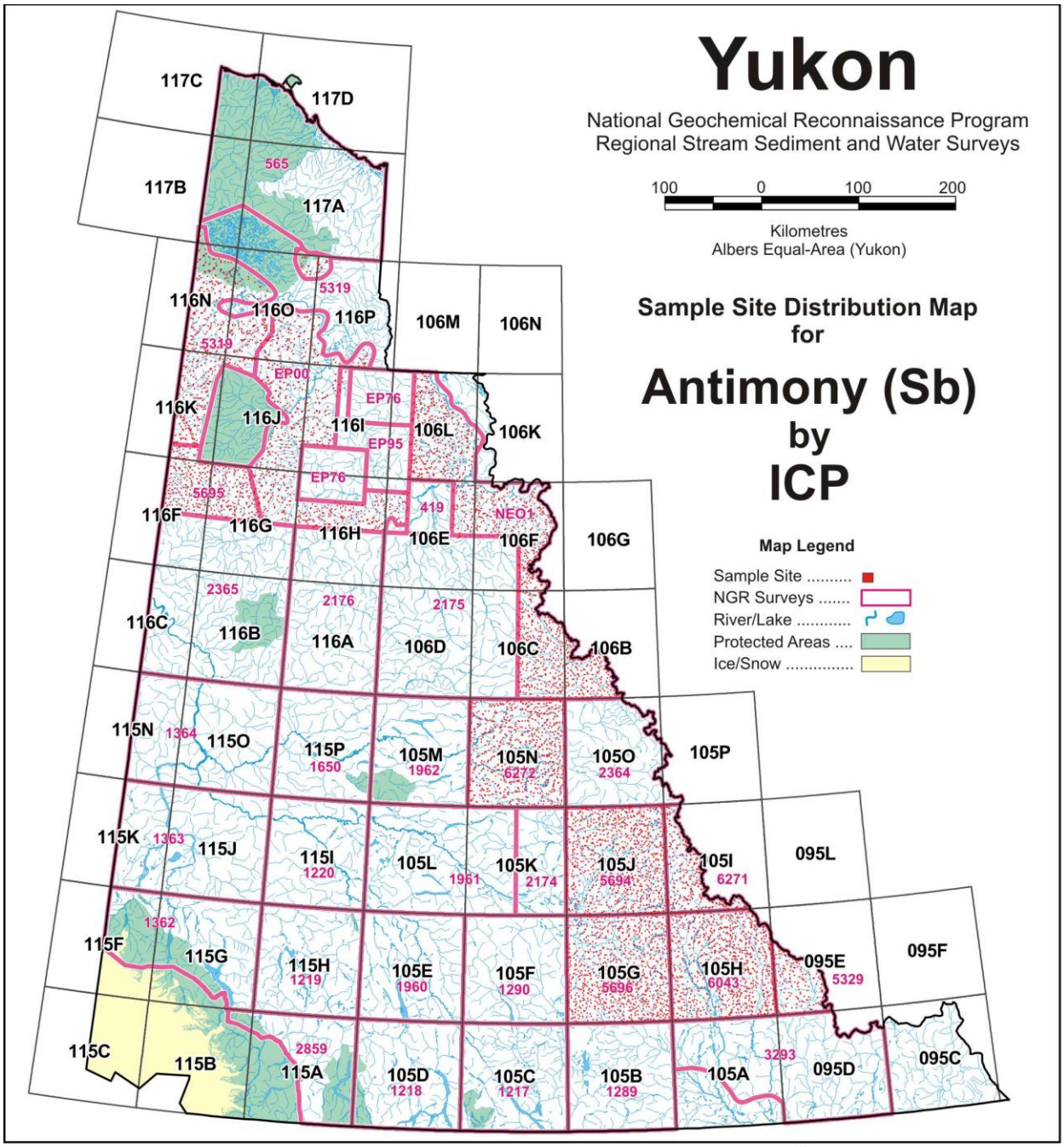




Summary Statistics - Stream Sediments

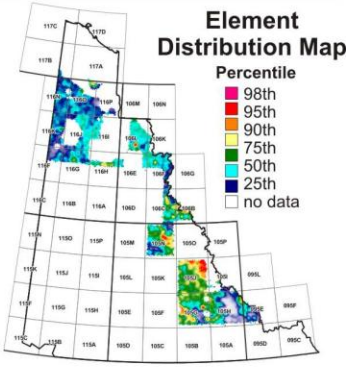
Variable	S	*Mean*	0.10	*Min*	0.01
Units	pct	*Median*	0.06	*25th %tile*	0.03
DL	0.02	*Mode*	0.02	*50th %tile*	0.06
Method	ICP	*StD*	0.18	*75th %tile*	0.10
N	6974	*CV*	1.85	*90th %tile*	0.20
N>DL	5619	*Range*	7.13	*95th %tile*	0.33
				98th %tile	0.56
				Max	7.14

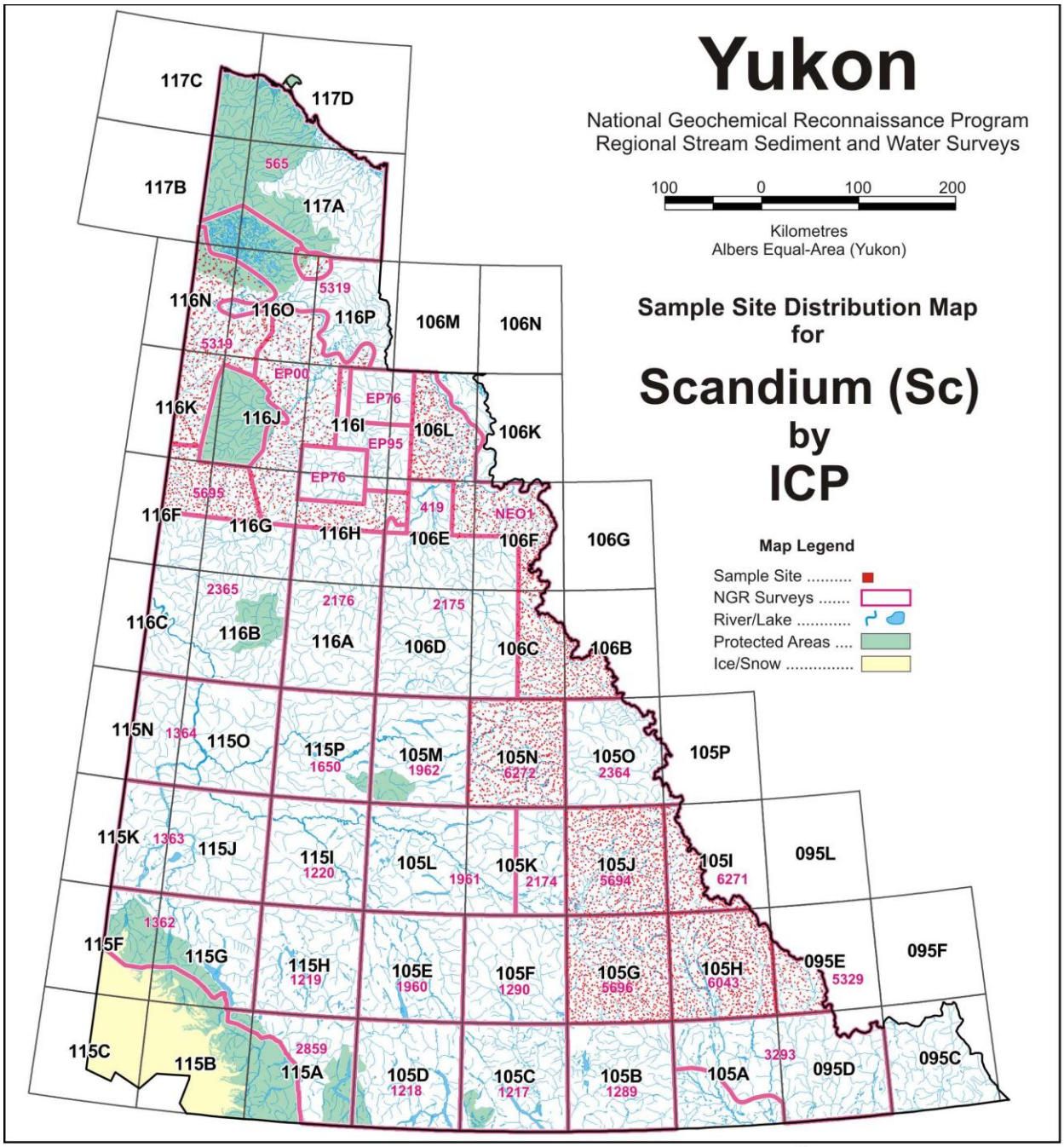




Summary Statistics - Stream Sediments

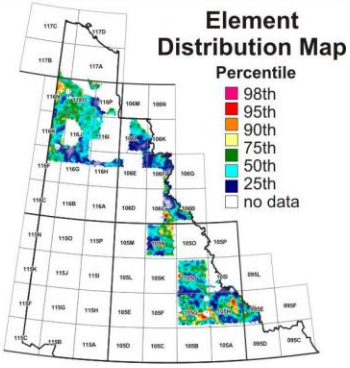
Variable	SB	*Mean*	0.99	*Min*	0.01
Units	ppm	*Median*	0.50	*25th %tile*	0.27
DL	0.02	*Mode*	0.27	*50th %tile*	0.50
Method	ICP	*StD*	1.76	*75th %tile*	0.99
N	6974	*CV*	1.77	*90th %tile*	2.30
N>DL	6907	*Range*	45.52	*95th %tile*	3.72
				98th %tile	5.81
				Max	45.53

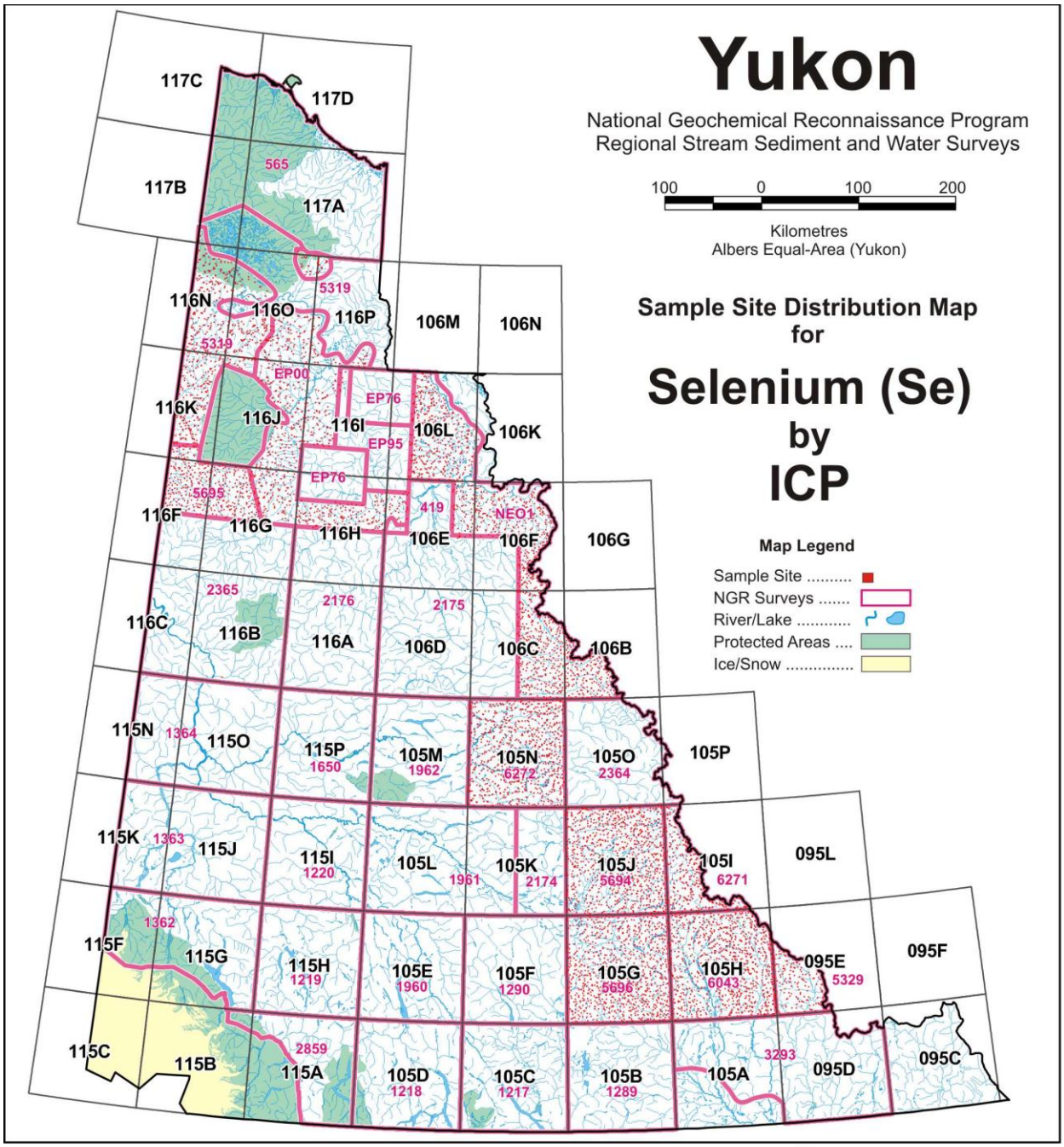




Summary Statistics - Stream Sediments

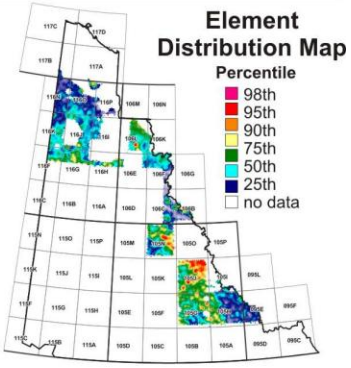
Variable	SC	*Mean*	2.6	*Min*	0.1
Units	ppm	*Median*	2.5	*25th %tile*	1.9
DL	0.1	*Mode*	2.3	*50th %tile*	2.5
Method	ICP	*StD*	1.11	*75th %tile*	3.1
N	6974	*CV*	0.43	*90th %tile*	3.9
N>DL	6965	*Range*	13.5	*95th %tile*	4.5
				98th %tile	5.5
				Max	13.6

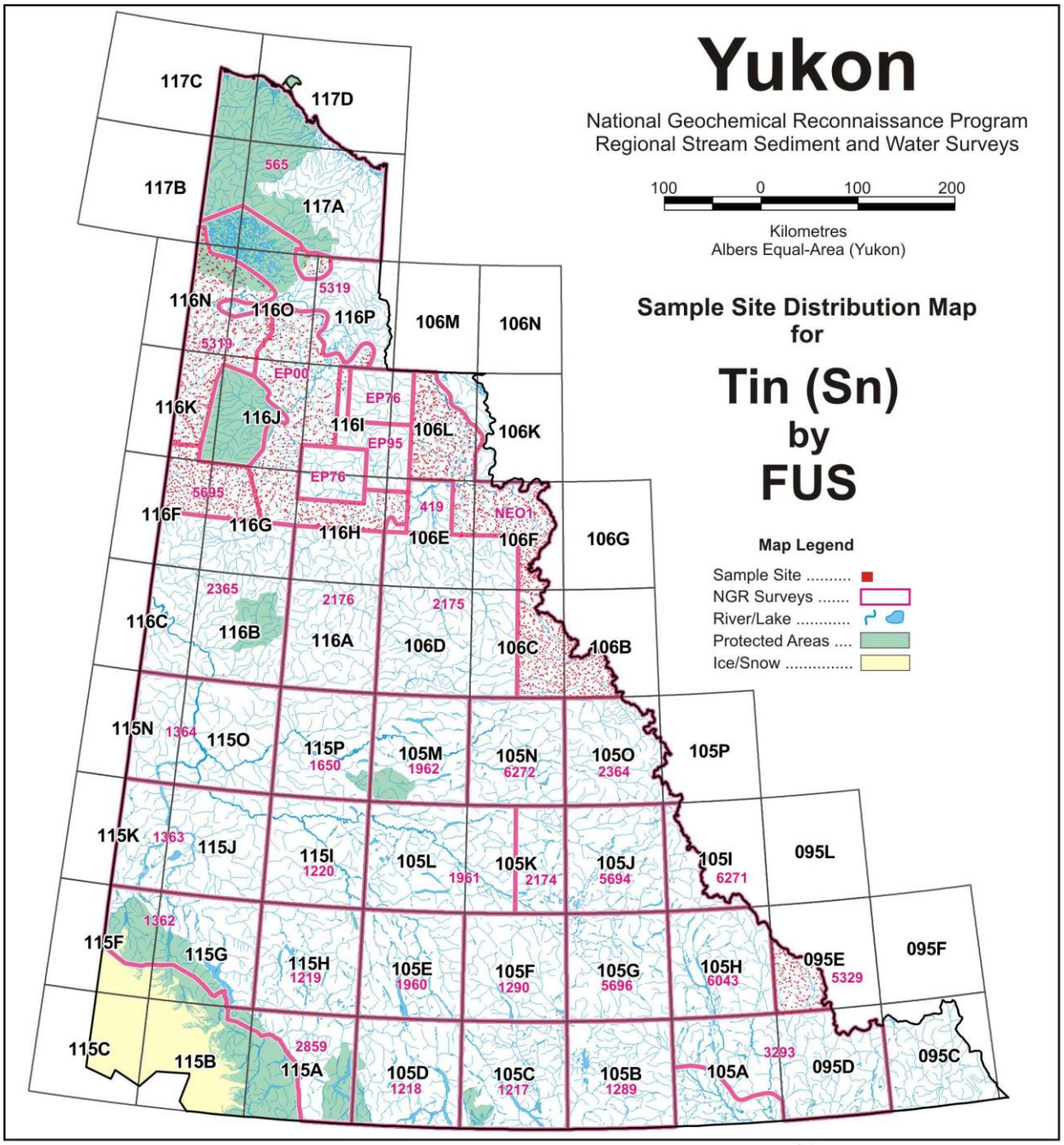




Summary Statistics - Stream Sediments

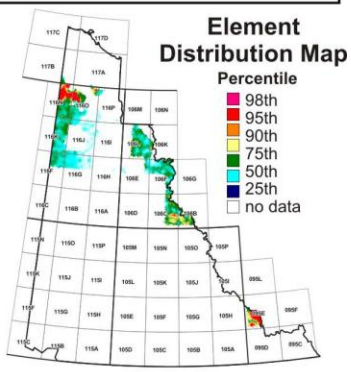
Variable	SE	*Mean*	1.5	*Min*	0.1
Units	ppm	*Median*	0.9	*25th %tile*	0.5
DL	0.1	*Mode*	0.5	*50th %tile*	0.9
Method	ICP	*StD*	2.42	*75th %tile*	1.7
N	6974	*CV*	1.59	*90th %tile*	3.3
N>DL	6731	*Range*	65.2	*95th %tile*	4.9
				98th %tile	7.2
				Max	65.3

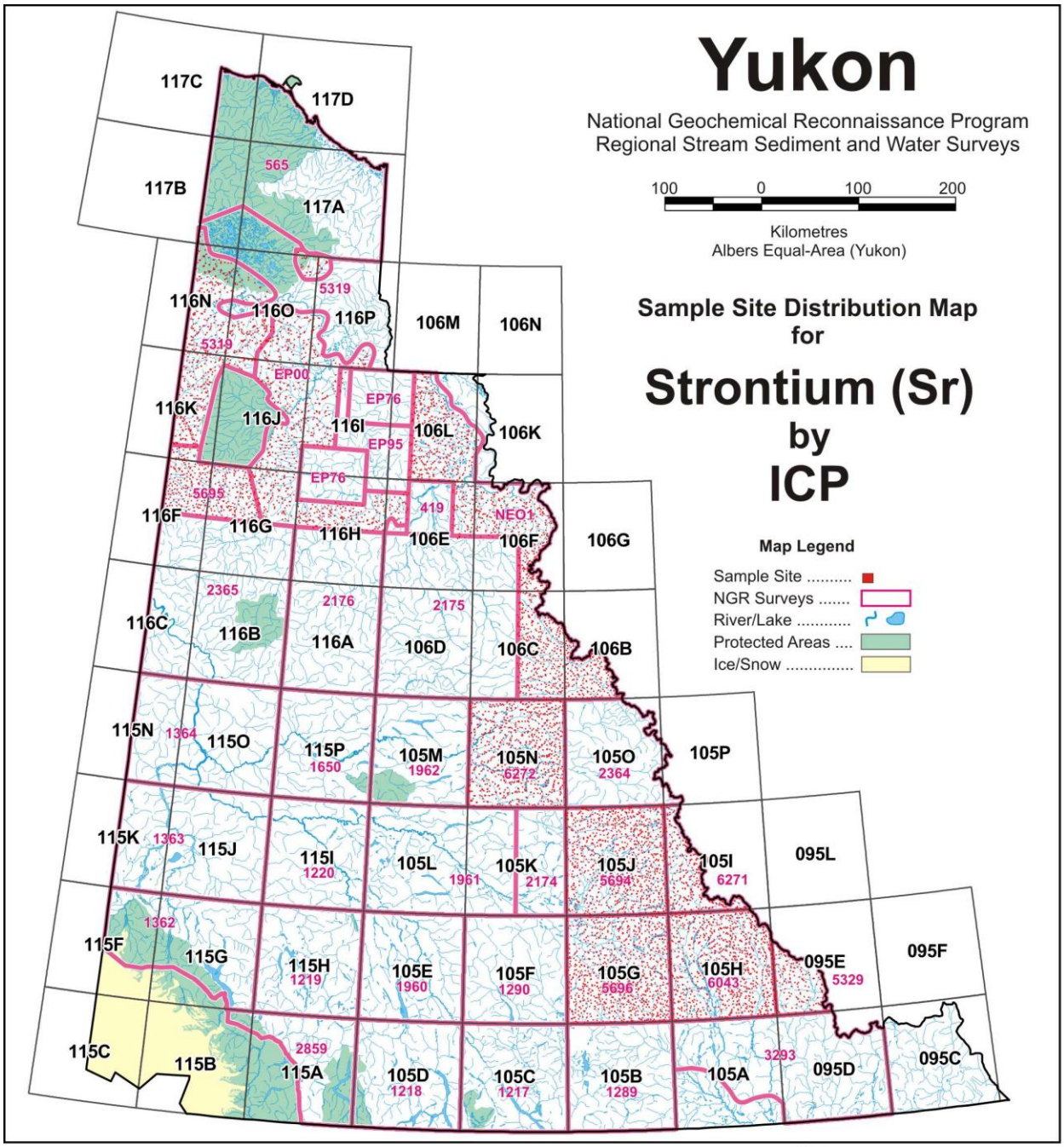




Summary Statistics - Stream Sediments

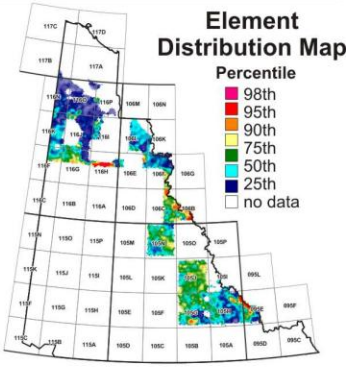
Variable	SN	*Mean*	1.7	*Min*	0.5
Units	ppm	*Median*	1.0	*25th %tile*	0.5
DL	1.0	*Mode*	1.0	*50th %tile*	1.0
Method	FUS	*StD*	3.71	*75th %tile*	2.0
N	3227	*CV*	2.18	*90th %tile*	3.0
N>DL	1318	*Range*	116.5	*95th %tile*	4.0
				98th %tile	6.0
				Max	117.0

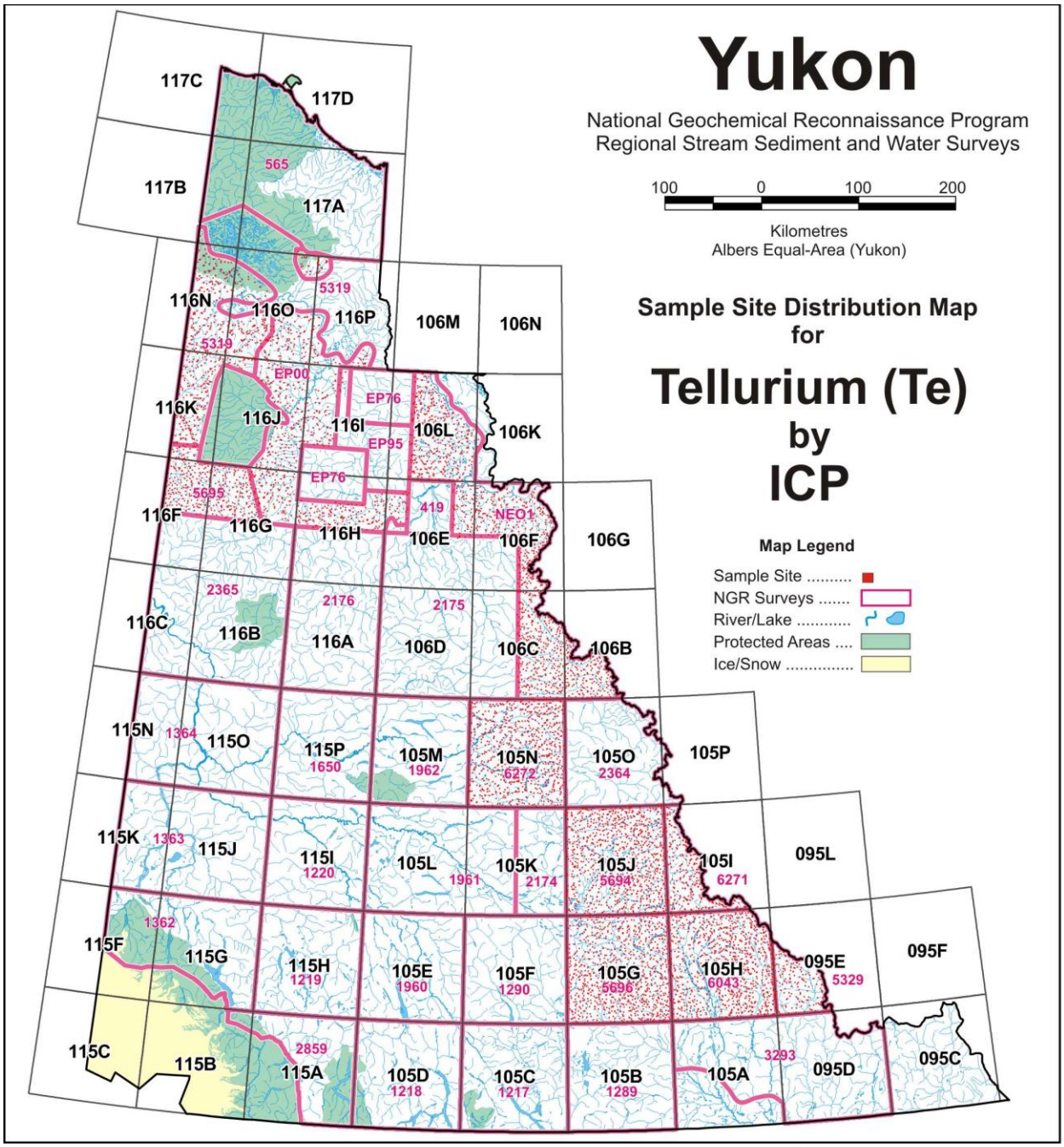




Summary Statistics - Stream Sediments

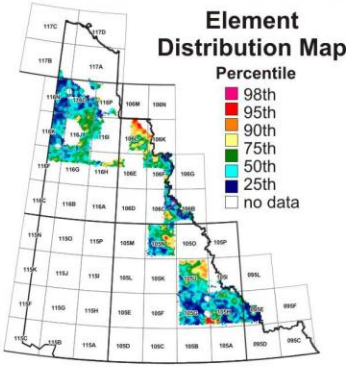
Variable	SR	*Mean*	56.1	*Min*	2.8
Units	ppm	*Median*	41.4	*25th %tile*	25.9
DL	0.5	*Mode*	17.5	*50th %tile*	41.4
Method	ICP	*StD*	62.50	*75th %tile*	64.0
N	6974	*CV*	1.12	*90th %tile*	100.0
N>DL	6974	*Range*	1397.1	*95th %tile*	136.7
				98th %tile	226.6
				Max	1399.9

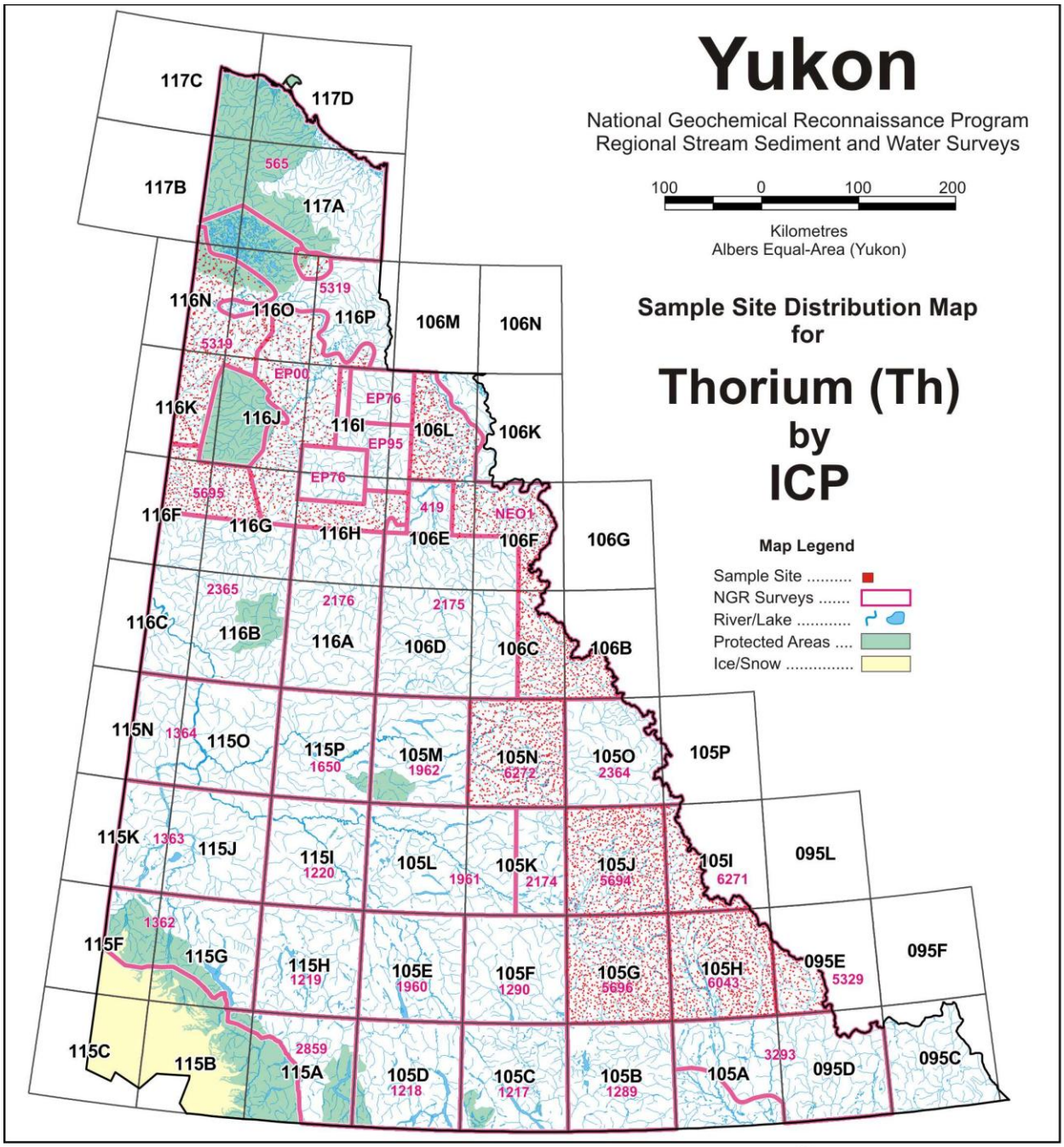




Summary Statistics - Stream Sediments

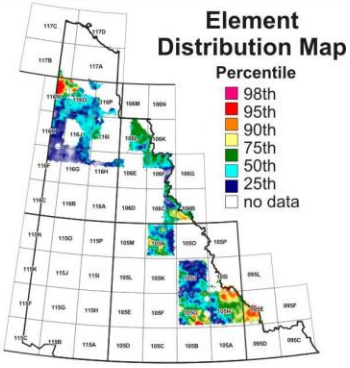
Variable	TE	*Mean*	0.04	*Min*	0.01
Units	ppm	*Median*	0.03	*25th %tile*	0.02
DL	0.02	*Mode*	0.02	*50th %tile*	0.03
Method	ICP	*StD*	0.04	*75th %tile*	0.05
N	6974	*CV*	0.89	*90th %tile*	0.07
N>DL	4079	*Range*	1.49	*95th %tile*	0.10
				98th %tile	0.12
				Max	1.50

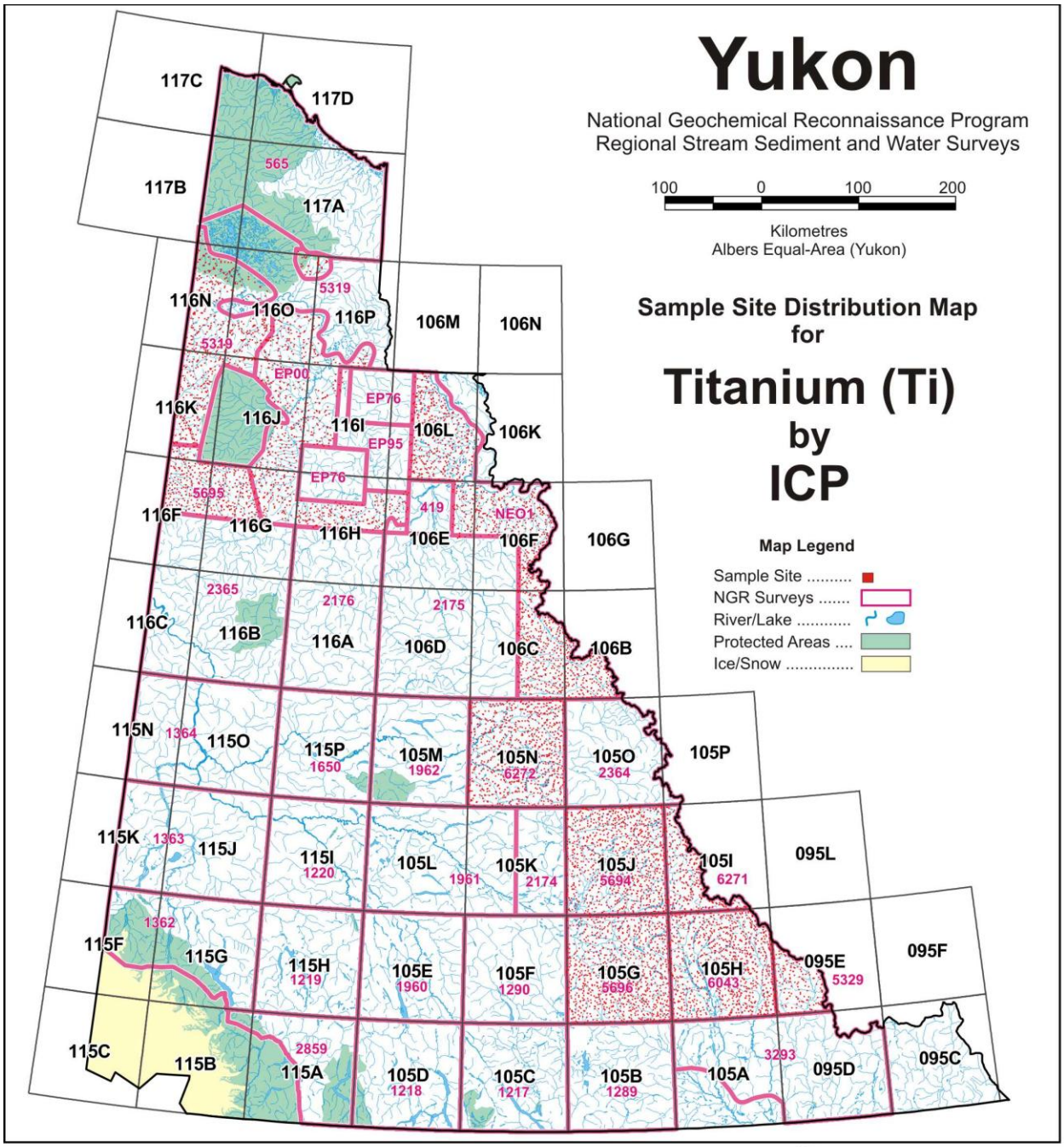




Summary Statistics - Stream Sediments

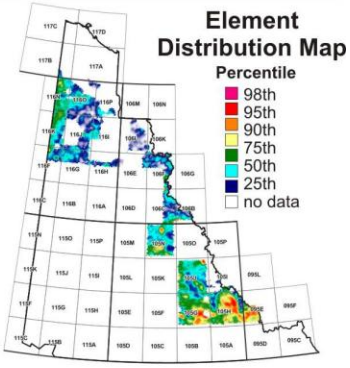
Variable	TH	*Mean*	4.0	*Min*	0.1
Units	ppm	*Median*	3.2	*25th %tile*	2.2
DL	0.2	*Mode*	3.0	*50th %tile*	3.2
Method	ICP	*StD*	3.66	*75th %tile*	4.7
N	6974	*CV*	0.90	*90th %tile*	7.5
N>DL	6882	*Range*	77.1	*95th %tile*	9.7
				98th %tile	13.9
				Max	77.2

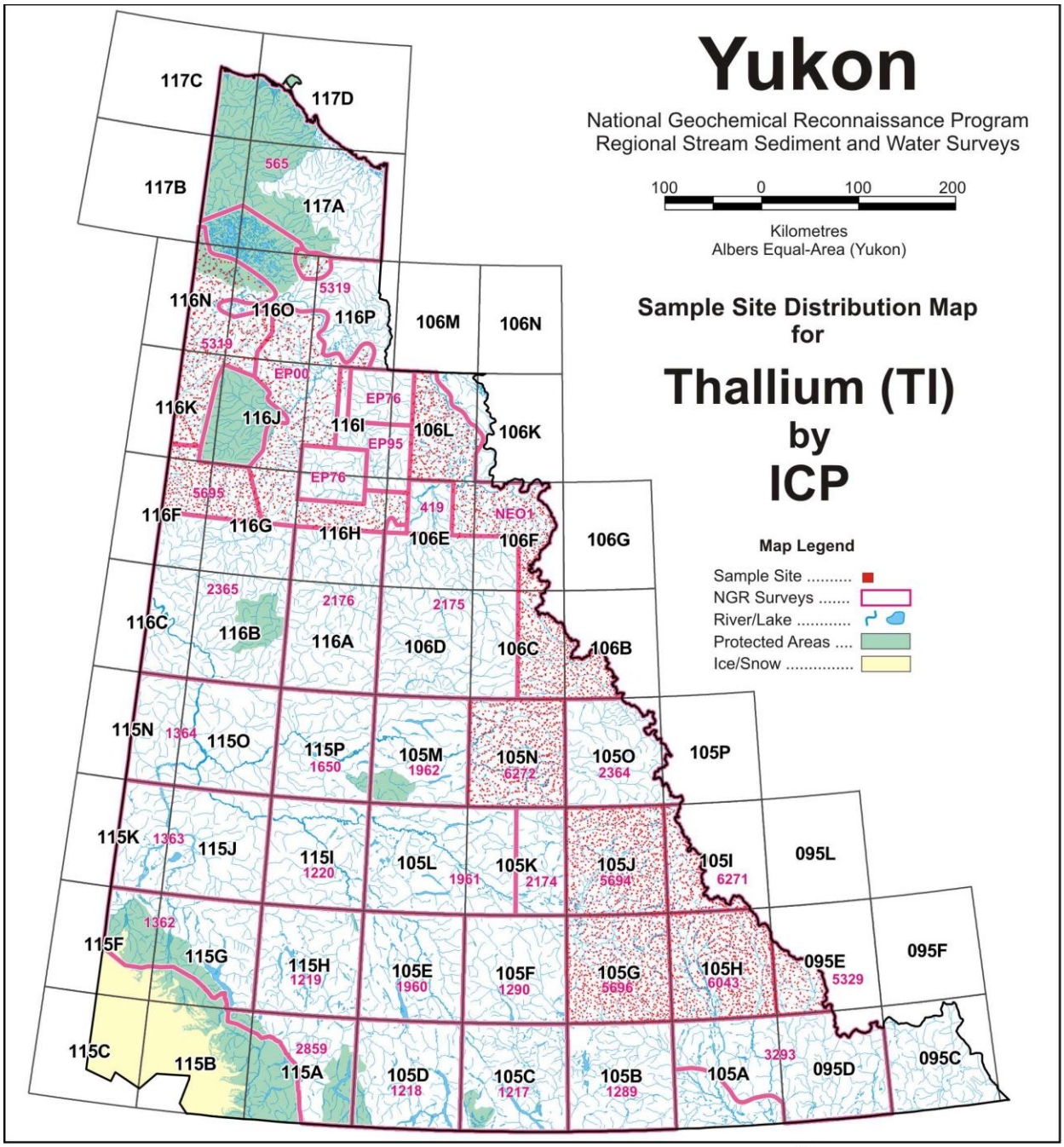




Summary Statistics - Stream Sediments

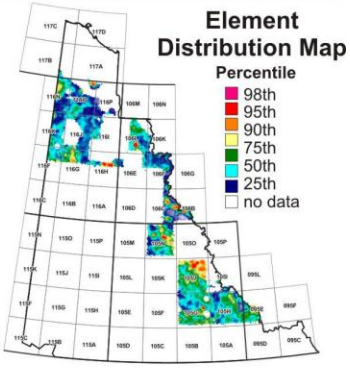
Variable	TI	*Mean*	0.015	*Min*	0.001
Units	pct	*Median*	0.006	*25th %tile*	0.003
DL	0.001	*Mode*	0.001	*50th %tile*	0.006
Method	ICP	*StD*	0.025	*75th %tile*	0.014
N	6974	*CV*	1.681	*90th %tile*	0.042
N>DL	6086	*Range*	0.429	*95th %tile*	0.066
				98th %tile	0.099
				Max	0.430

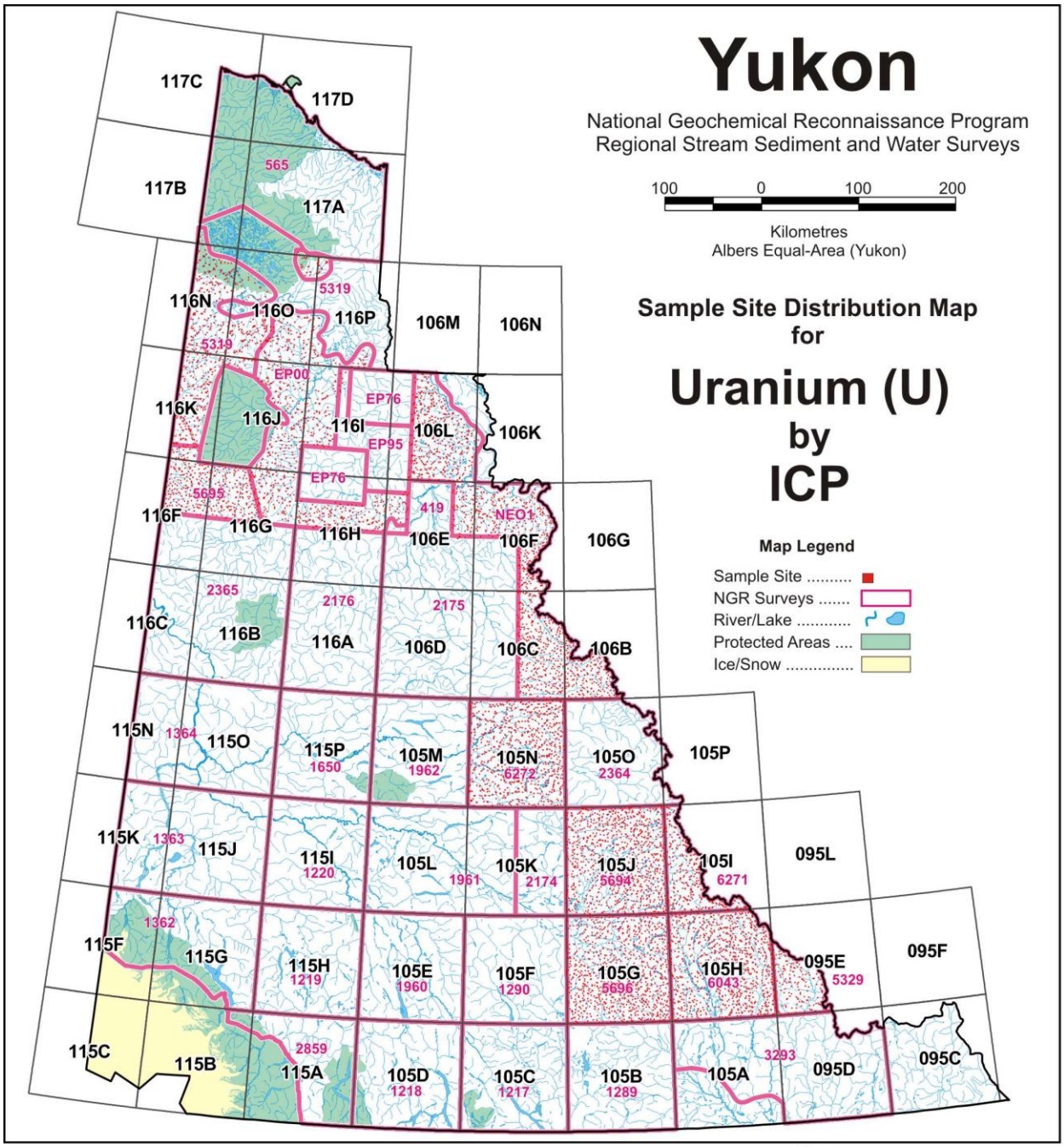




Summary Statistics - Stream Sediments

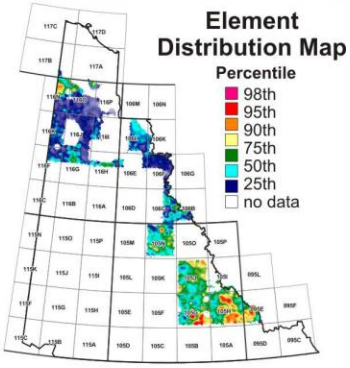
Variable	TL	*Mean*	0.15	*Min*	0.01
Units	ppm	*Median*	0.11	*25th %tile*	0.07
DL	0.02	*Mode*	0.08	*50th %tile*	0.11
Method	ICP	*StD*	0.20	*75th %tile*	0.18
N	6974	*CV*	1.30	*90th %tile*	0.29
N>DL	6850	*Range*	8.51	*95th %tile*	0.39
				98th %tile	0.56
				Max	8.52

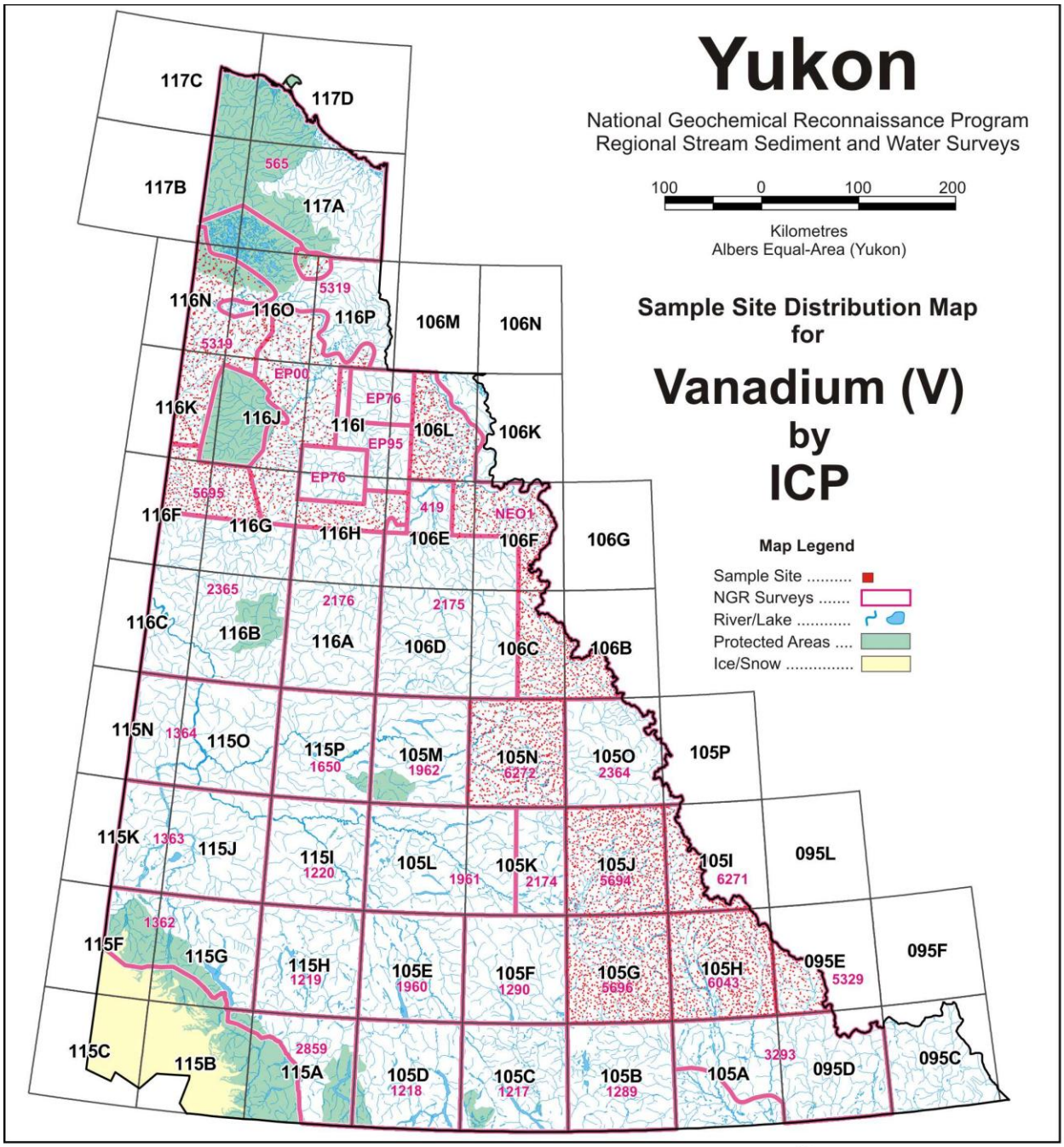




Summary Statistics - Stream Sediments

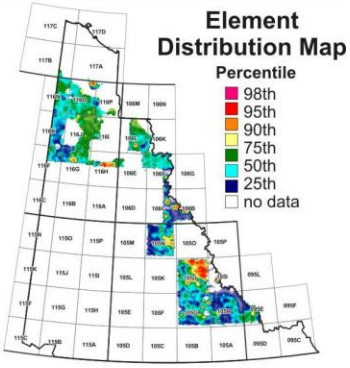
Variable	U	*Mean*	3.2	*Min*	0.1
Units	ppm	*Median*	1.3	*25th %tile*	0.8
DL	0.1	*Mode*	0.7	*50th %tile*	1.3
Method	ICP	*StD*	6.96	*75th %tile*	2.8
N	6974	*CV*	2.19	*90th %tile*	6.8
N>DL	6968	*Range*	226.6	*95th %tile*	11.5
				98th %tile	19.7
				Max	226.7

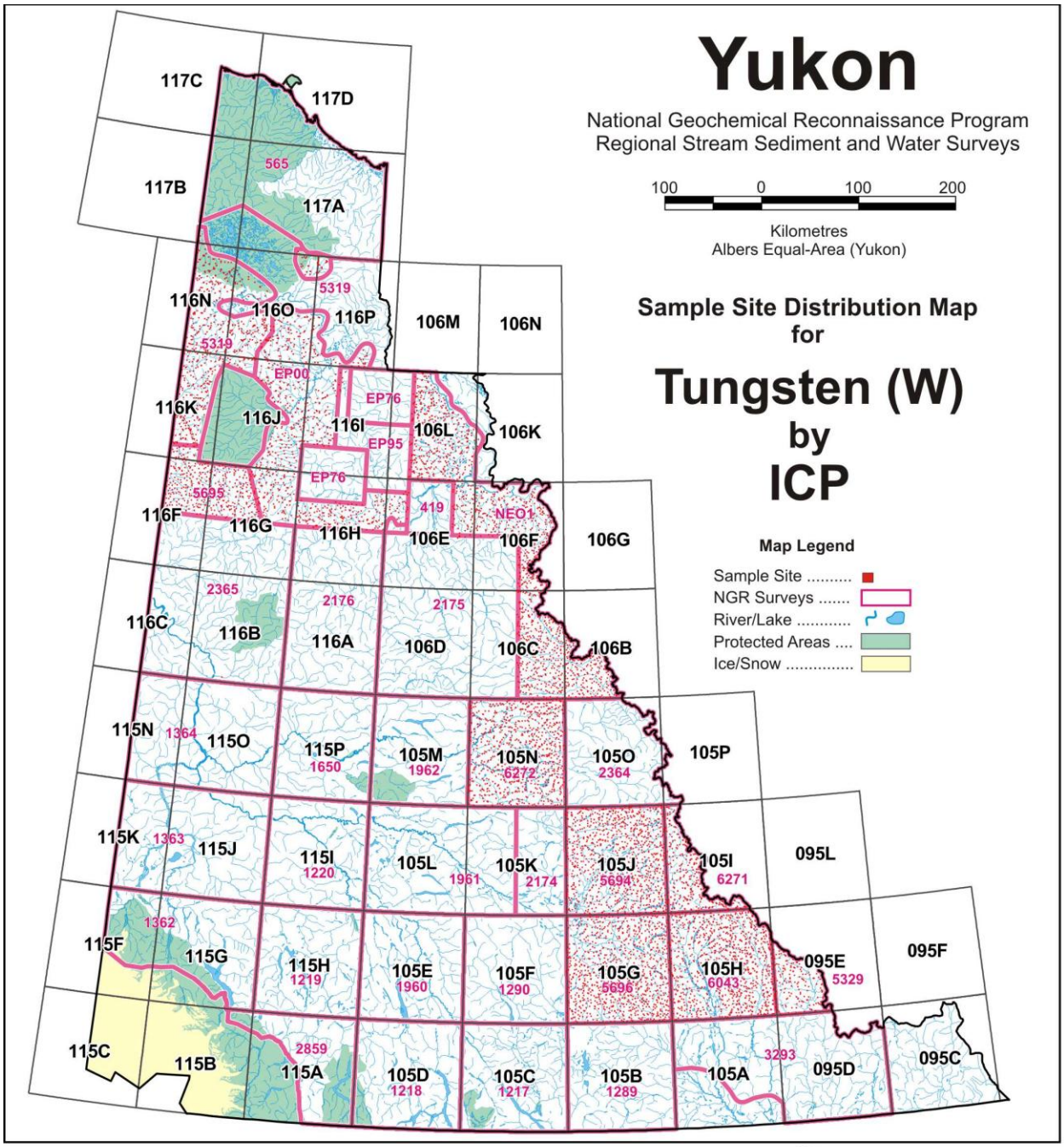




Summary Statistics - Stream Sediments

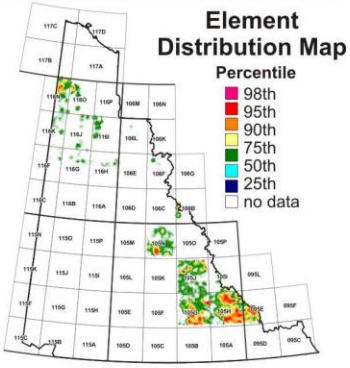
Variable	V	*Mean*	40	*Min*	1
Units	ppm	*Median*	32	*25th %tile*	21
DL	2	*Mode*	21	*50th %tile*	32
Method	ICP	*StD*	40.91	*75th %tile*	44
N	6974	*CV*	1.03	*90th %tile*	64
N>DL	6925	*Range*	1494	*95th %tile*	98
				98th %tile	159
				Max	1495

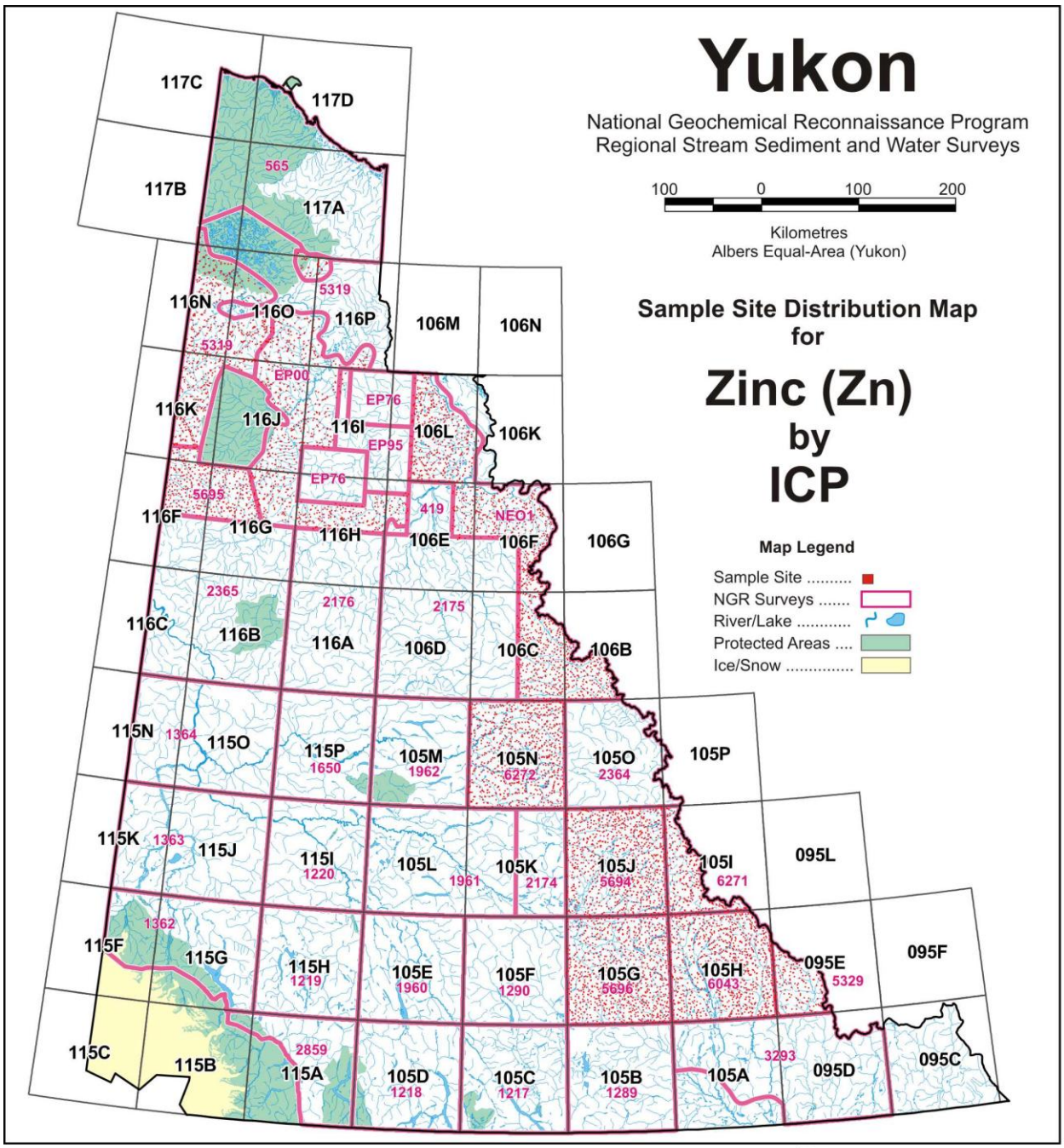




Summary Statistics - Stream Sediments

Variable	W	*Mean*	0.5	*Min*	0.1
Units	ppm	*Median*	0.1	*25th %tile*	0.1
DL	0.2	*Mode*	0.1	*50th %tile*	0.1
Method	ICP	*StD*	1.65	*75th %tile*	0.2
N	6974	*CV*	3.42	*90th %tile*	0.9
N>DL	1493	*Range*	36.9	*95th %tile*	2.0
				98th %tile	4.4
				Max	37.0





Summary Statistics - Stream Sediments

Variable	ZN	*Mean*	183.6	*Min*	3.2
Units	ppm	*Median*	103.6	*25th %tile*	78.4
DL	0.1	*Mode*	86.1	*50th %tile*	103.6
Method	ICP	*StD*	303.08	*75th %tile*	164.0
N	6974	*CV*	1.65	*90th %tile*	347.0
N>DL	6974	*Range*	7454.8	*95th %tile*	585.3
				98th %tile	1063.2
				Max	7458.0