

130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Silver-AAS in Lake Sediment

ppm percentile

1.0 - - Max



0.7 - - 98



0.5 - - 95



0.4 - - 90



0.2 - - 65



< detection - - Min

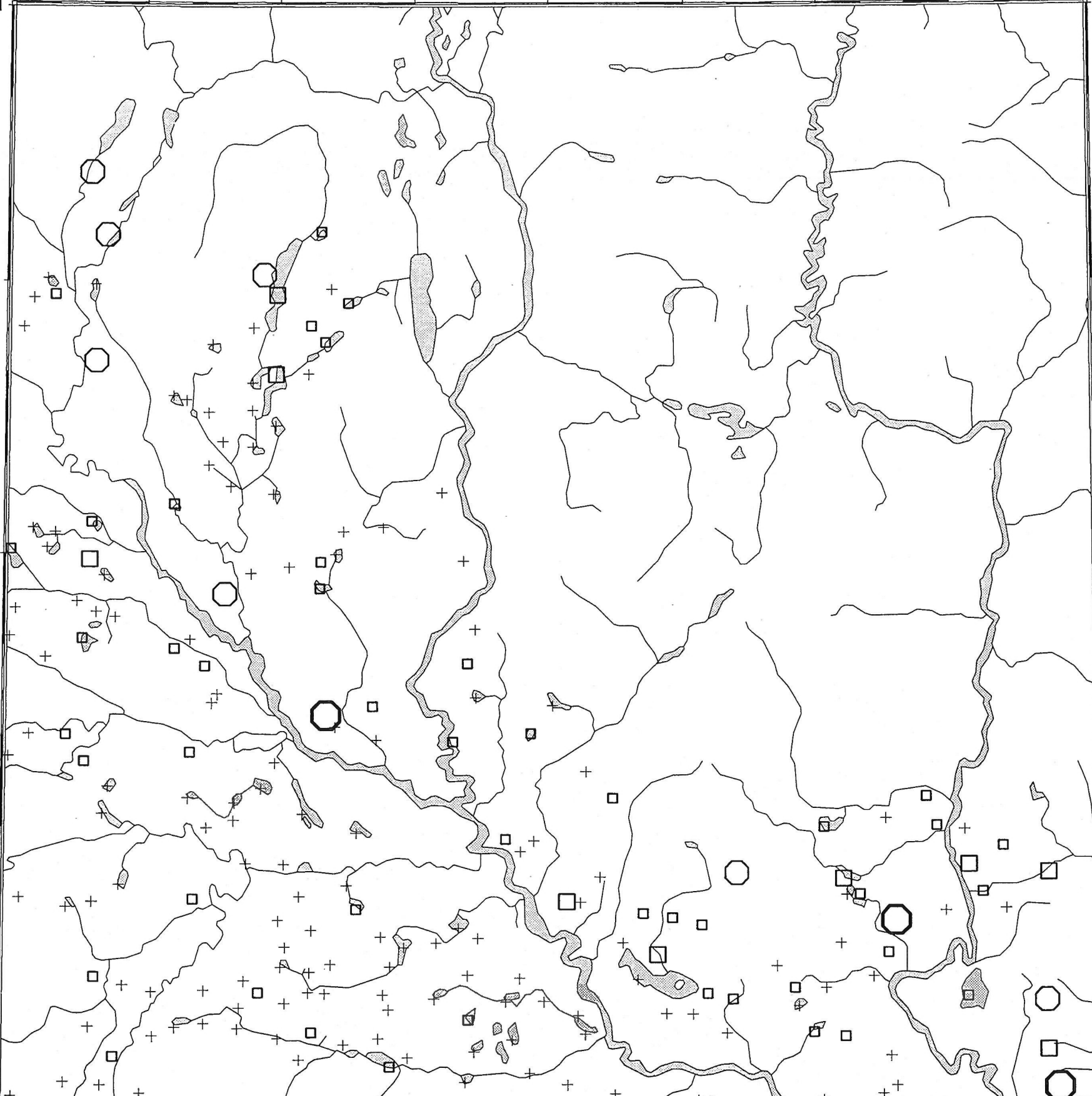
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Arsenic-INAA

in
Lake Sediment

ppm		percentile
1200.0 -	○	- Max
249.0 -	○	- 98
108.0 -	□	- 95
57.7 -	□	- 90
23.0 -	△	- 75
11.0 -	+	- 50
1.7 -		- Min

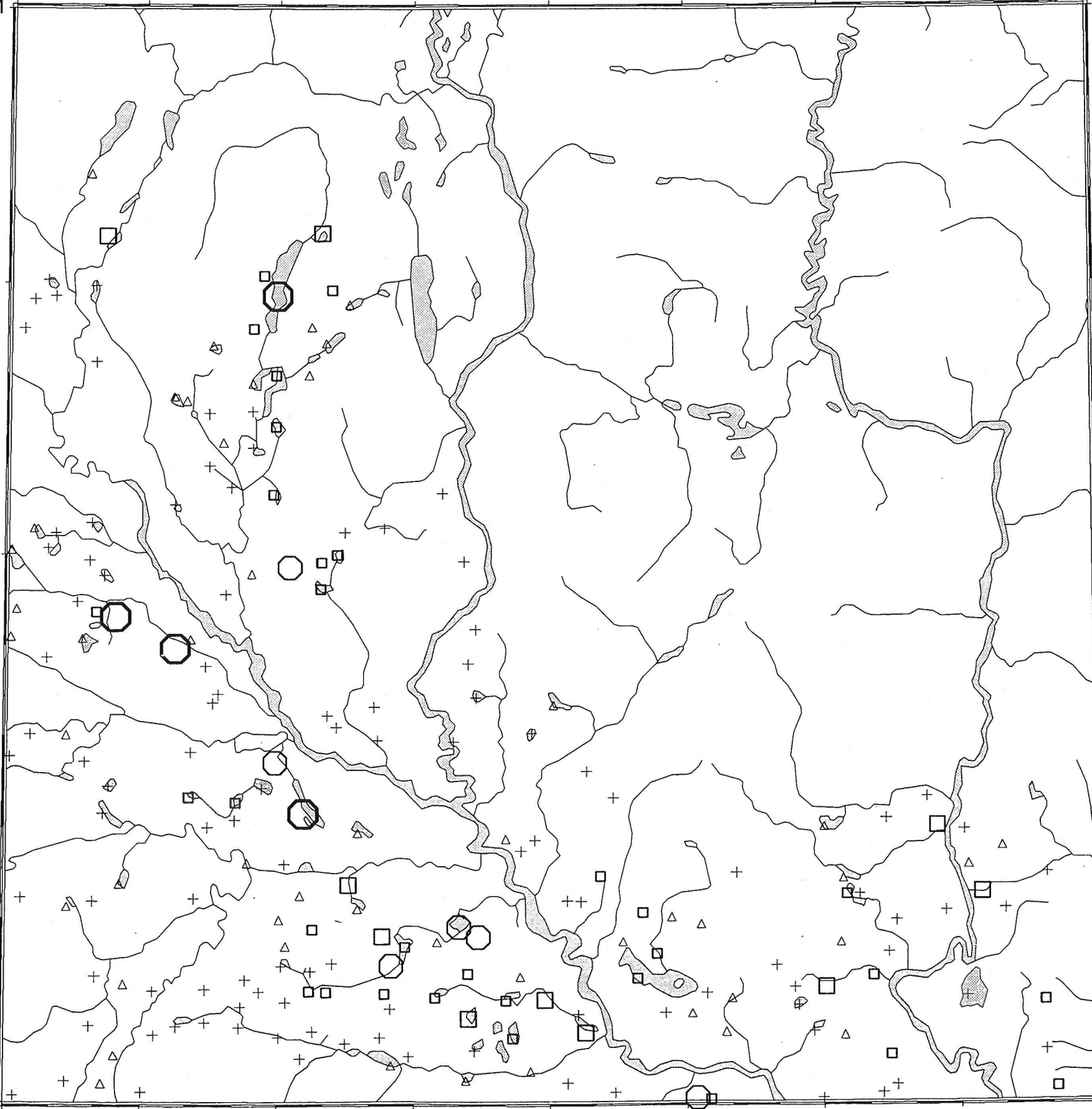
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

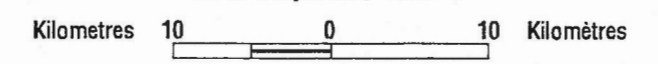
NTS 105A

Gold-INAA in Lake Sediment

ppb		percentile
21 -	○	- Max
10 -	○	- 99
9 -	□	- 98
6 -	□	- 95
4 -	△	- 90
2 -	+	- 80
< detection -		- Min

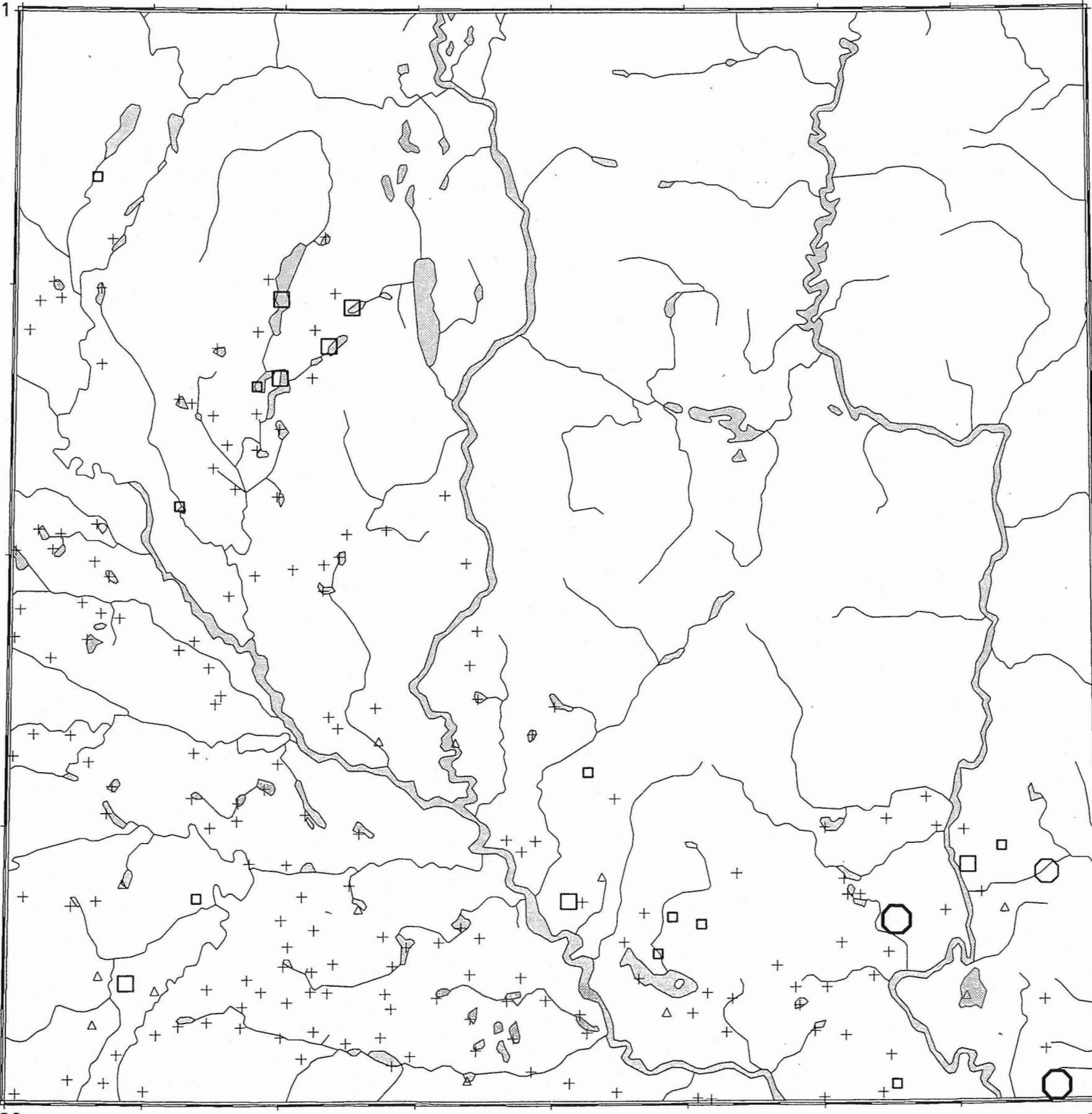
204 Samples

UTM Projection, Zone 9



60
130

60
128



130
61

128
61







NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Barium-INAA
in
Lake Sediment

ppm		percentile
2900 -		- Max
2000 -		- 98
1800 -		- 95
1500 -		- 90
980 -		- 75
710 -		- 50
180 -		- Min

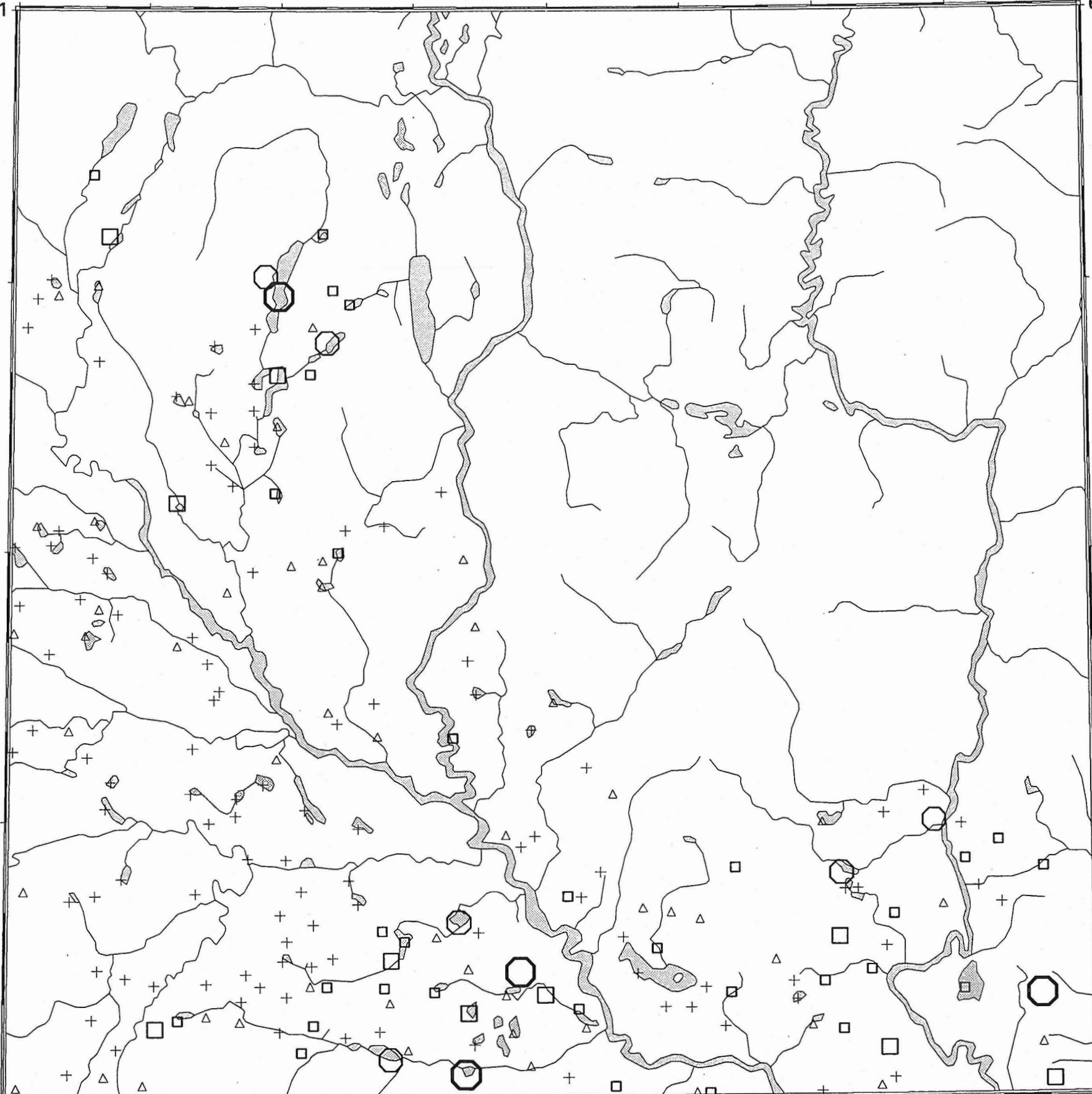
204 Samples

60
130

60
128

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres



130
61

128
61

GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Bromine-INAA

in
Lake Sediment

ppm	percentile
266.0 -	- Max
84.2 -	- 98
69.5 -	- 95
62.3 -	- 90
49.0 -	- 75
36.0 -	- 50
< detection -	- Min

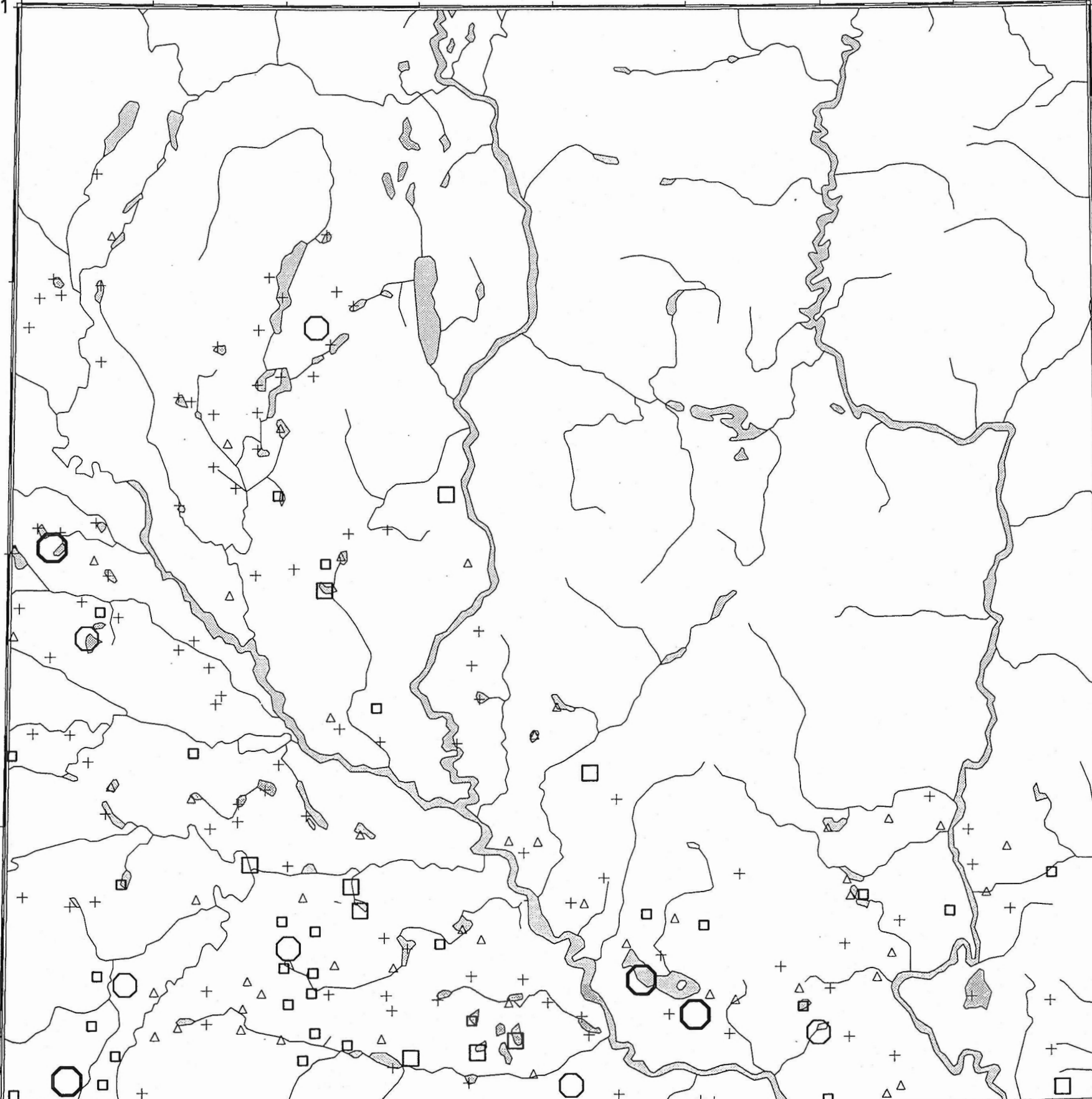
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Cadmium-AAS

in
Lake Sediment

ppm percentile

5.3 - - Max



3.1 - - 98



2.1 - - 95



1.6 - - 90



1.2 - - 75



0.8 - - 50

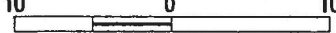


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

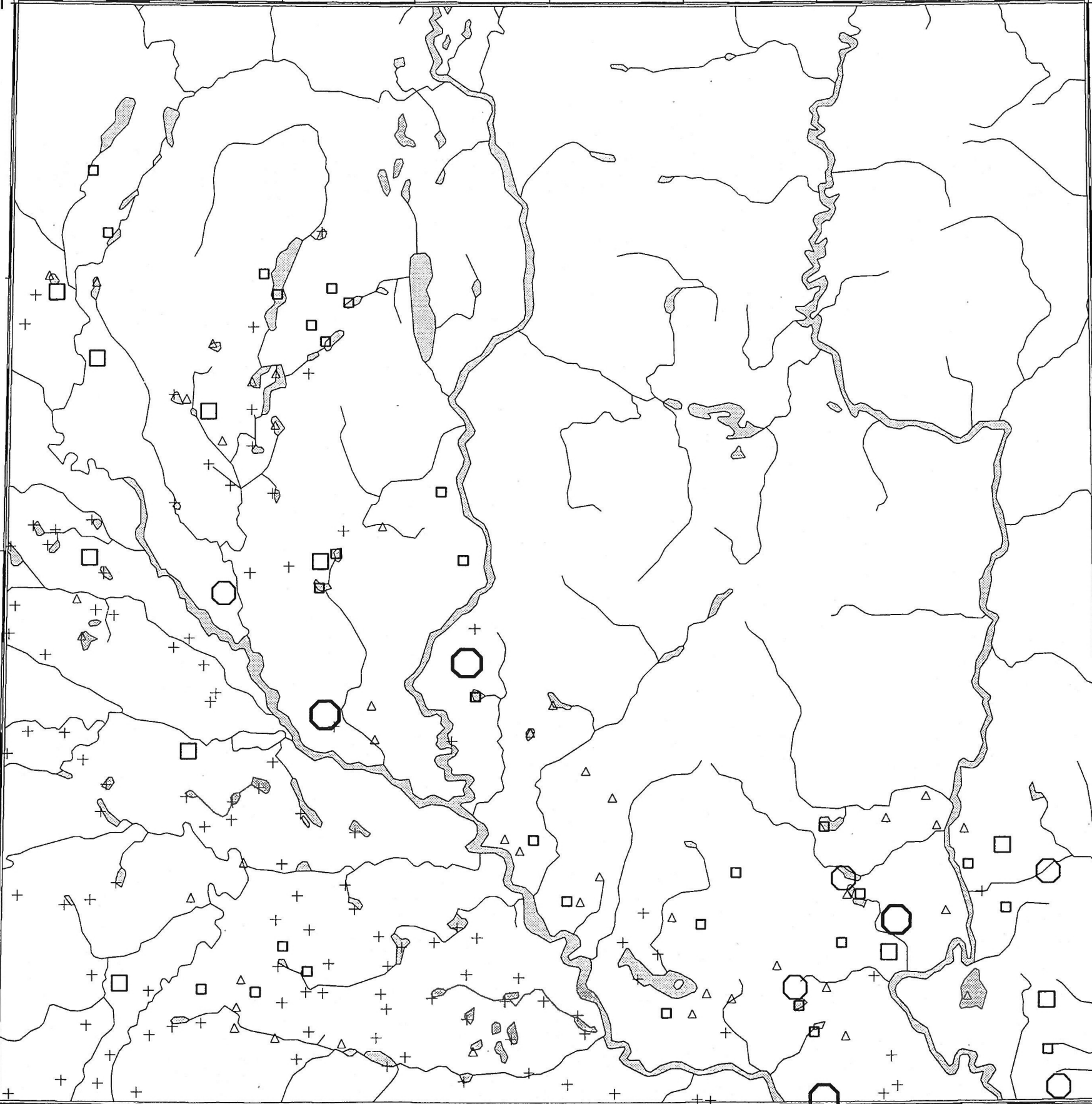


60

60

130

128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GEOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Cerium-INAA

in
Lake Sediment

ppm percentile

120 - - Max



91 - - 98



75 - - 95



63 - - 90



40 - - 75



28 - - 50

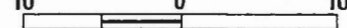


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

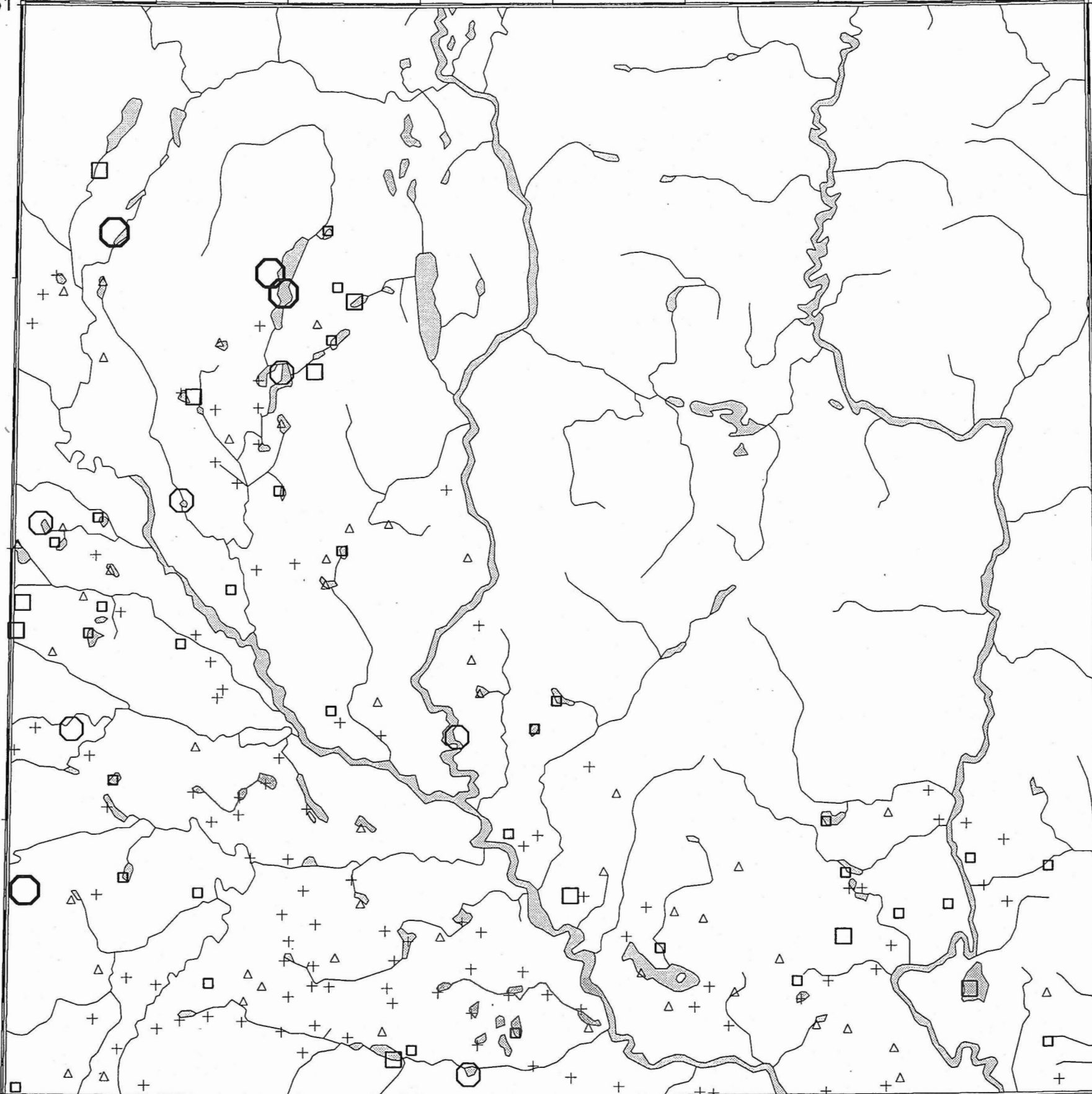


60

130

60

128



130

128

61

61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Cobalt-AAS
in
Lake Sediment

ppm percentile

41 - - Max



18 - - 98



14 - - 95



11 - - 90



8 - - 75



6 - - 50

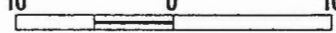


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

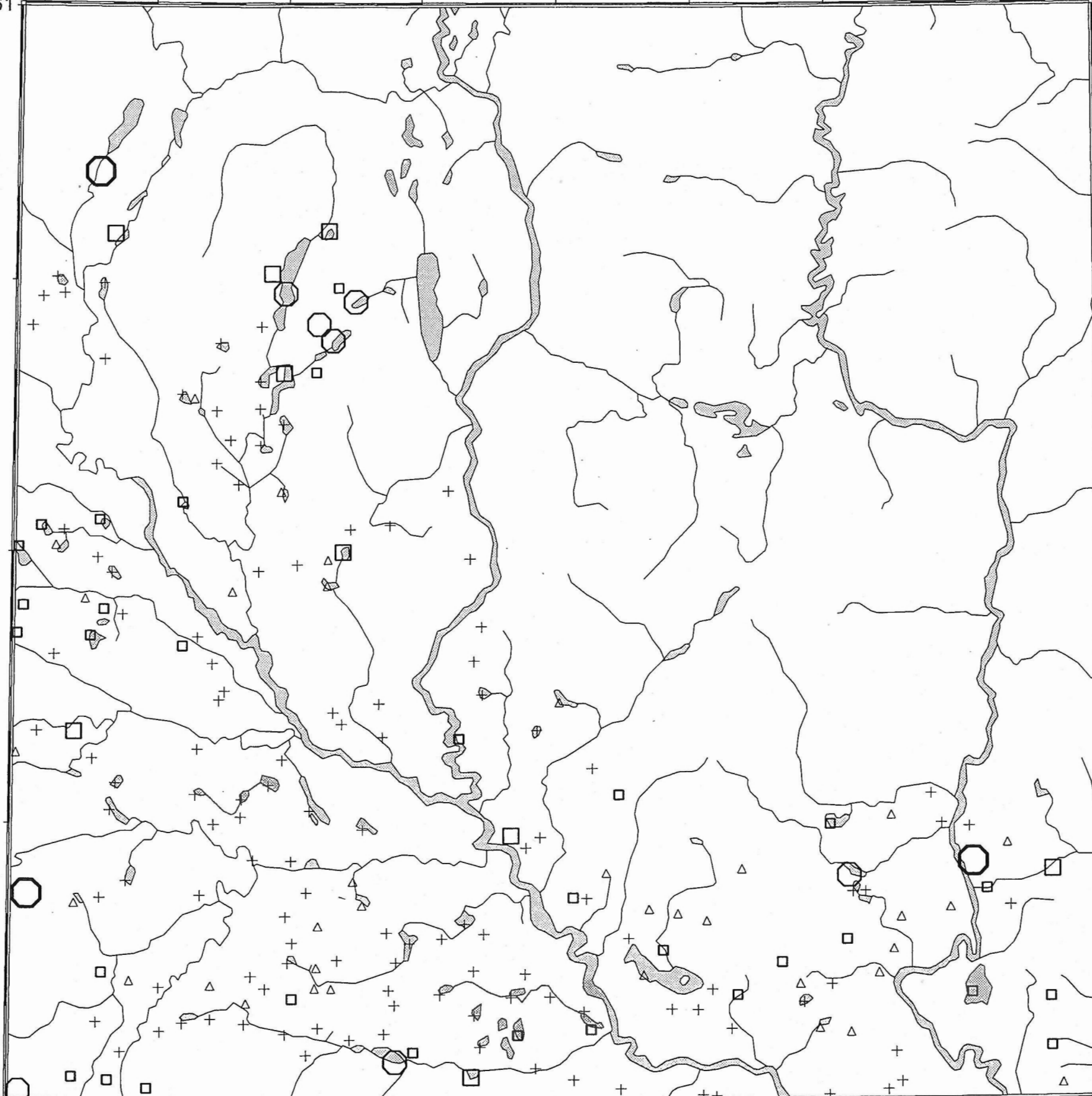


60

130

60

128



130
61

128
61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Cobalt-INAA
in
Lake Sediment

ppm percentile

57 - - Max

24 - - 98

19 - - 95

16 - - 90

12 - - 75

8 - - 50

< detection - - Min

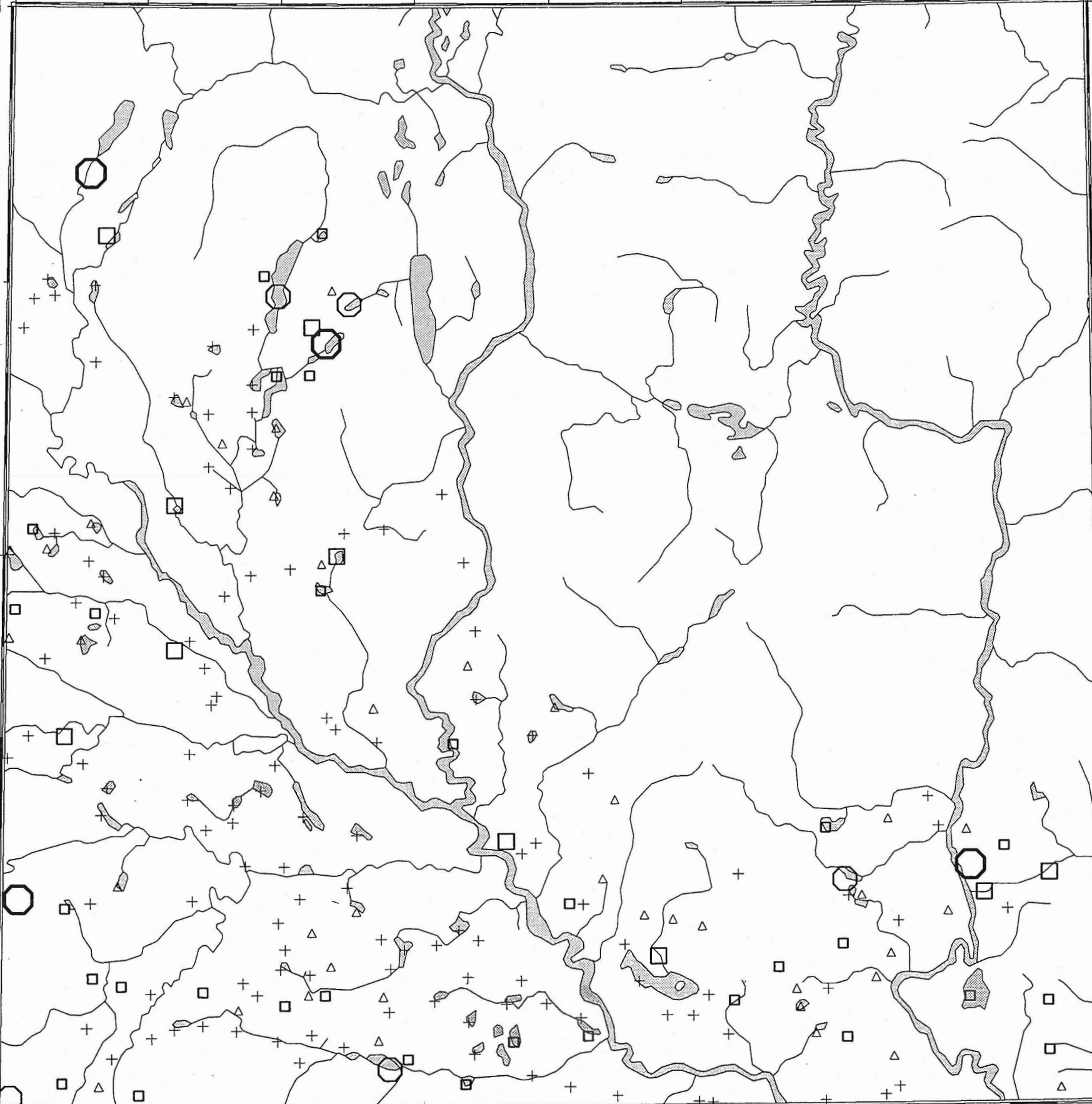
204 Samples

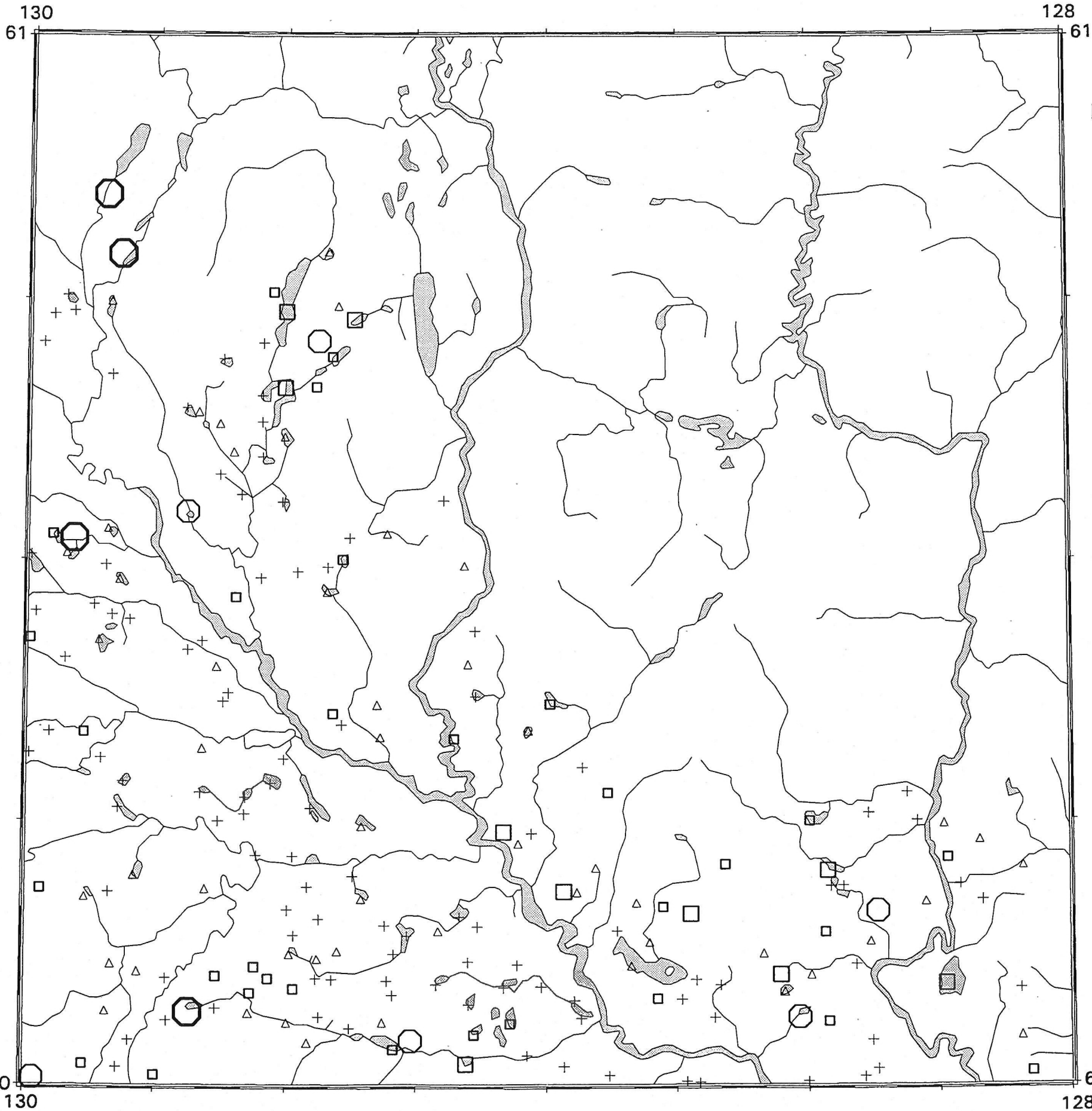
UTM Projection, Zone 9

Kilomètres 10 0 10 Kilomètres

60
130

60
128











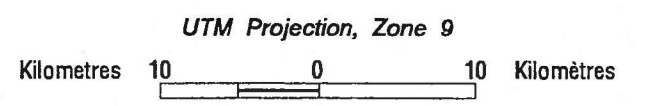
NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860
 Yukon, 1994
 NTS 105A

Chromium-INAAs
 in
 Lake Sediment

ppm		percentile
210 -		- Max
160 -		- 98
120 -		- 95
98 -		- 90
67 -		- 75
46 -		- 50
< detection -		- Min

204 Samples



130
61

128
61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Cesium-INAA

in
Lake Sediment

ppm percentile

12.0 - - Max

7.8 - - 98

6.1 - - 95

3.8 - - 90

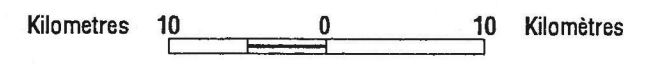
2.0 - - 75

1.0 - - 50

< detection - - Min

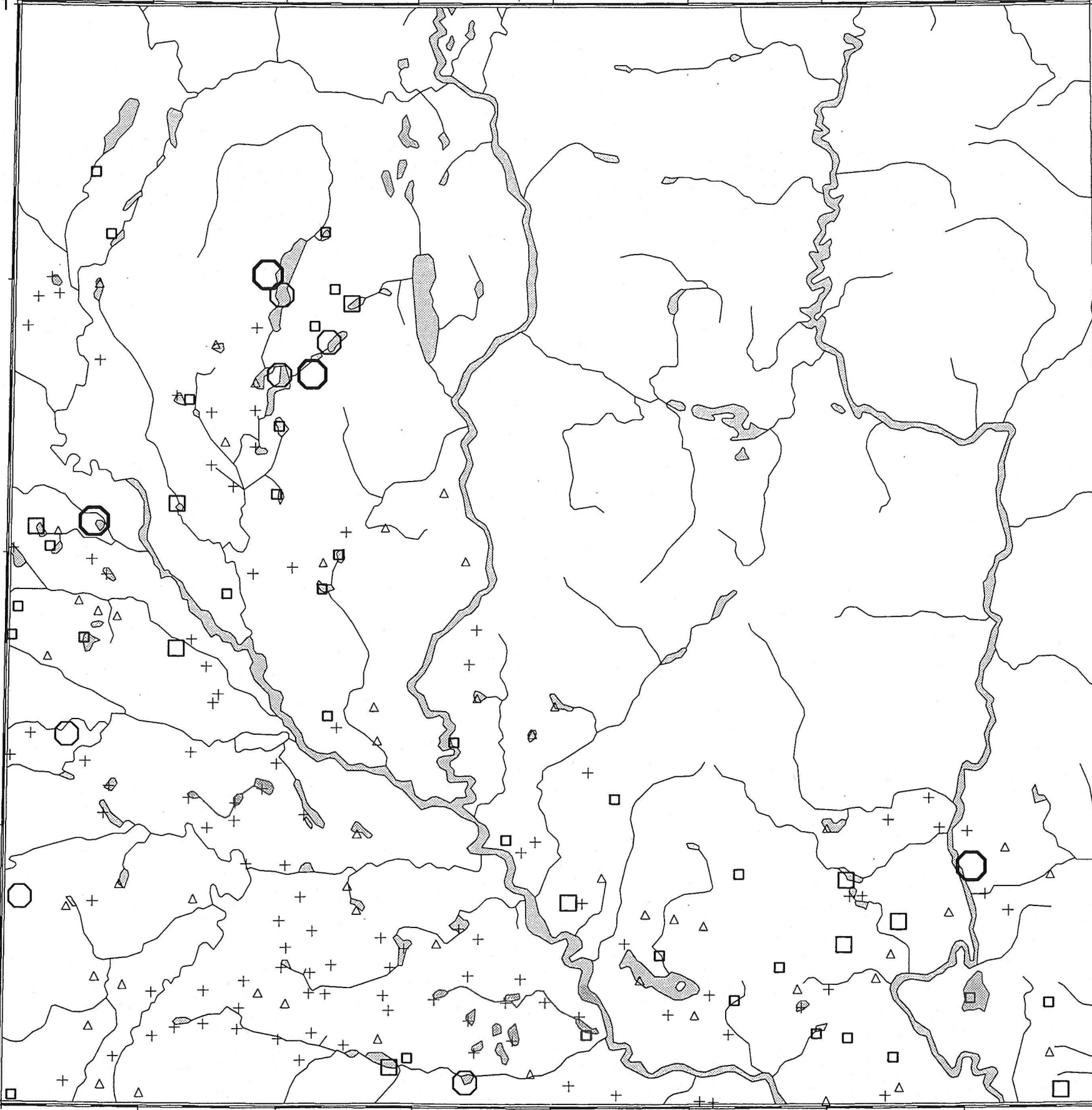
204 Samples

UTM Projection, Zone 9



60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Copper-AAS

in
Lake Sediment

ppm		percentile
90 -	○	- Max
68 -	○	- 98
61 -	□	- 95
49 -	□	- 90
37 -	△	- 75
26 -	+	- 50
4 -		- Min

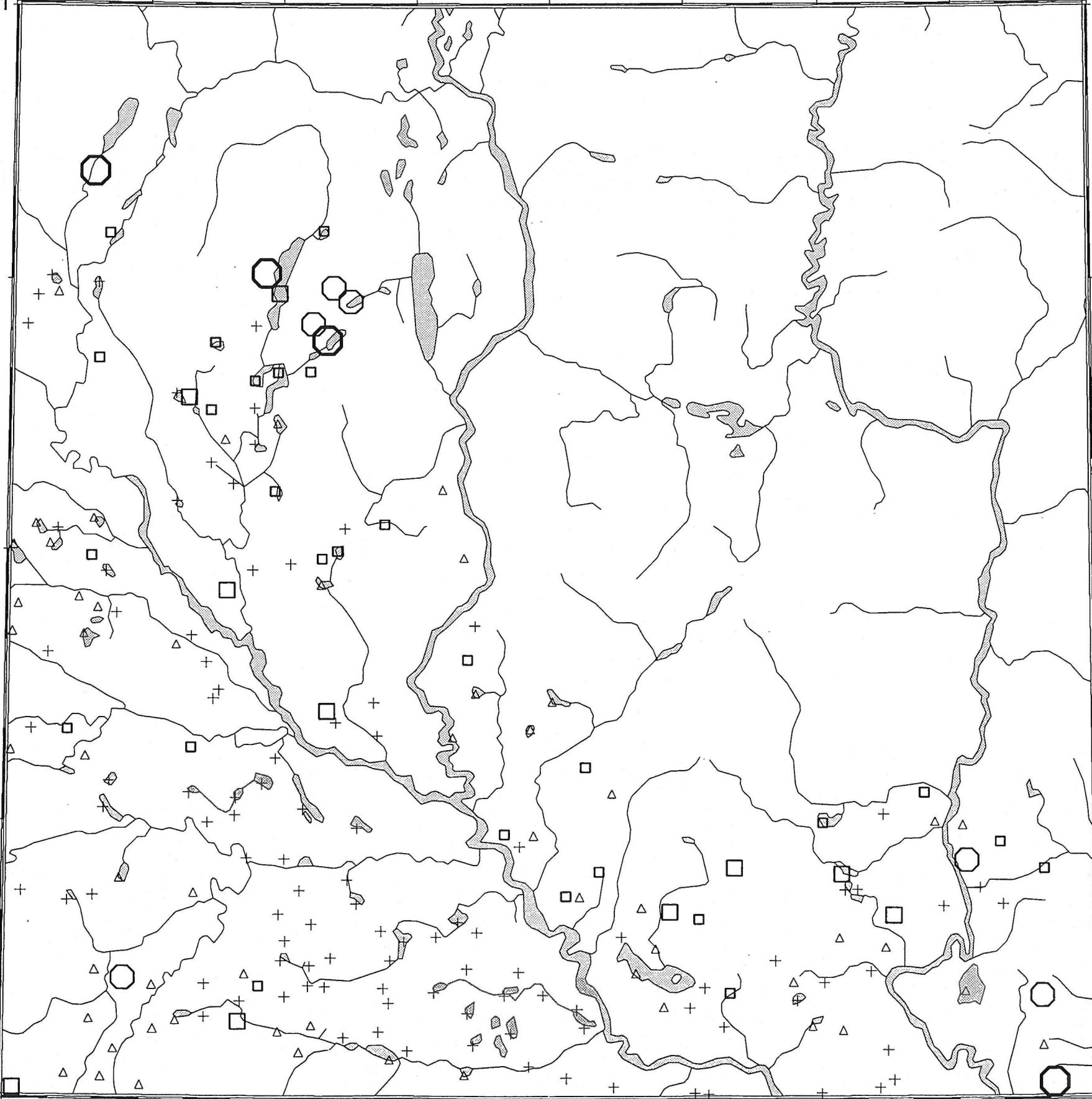
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA  COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Europium-INAA

in
Lake Sediment

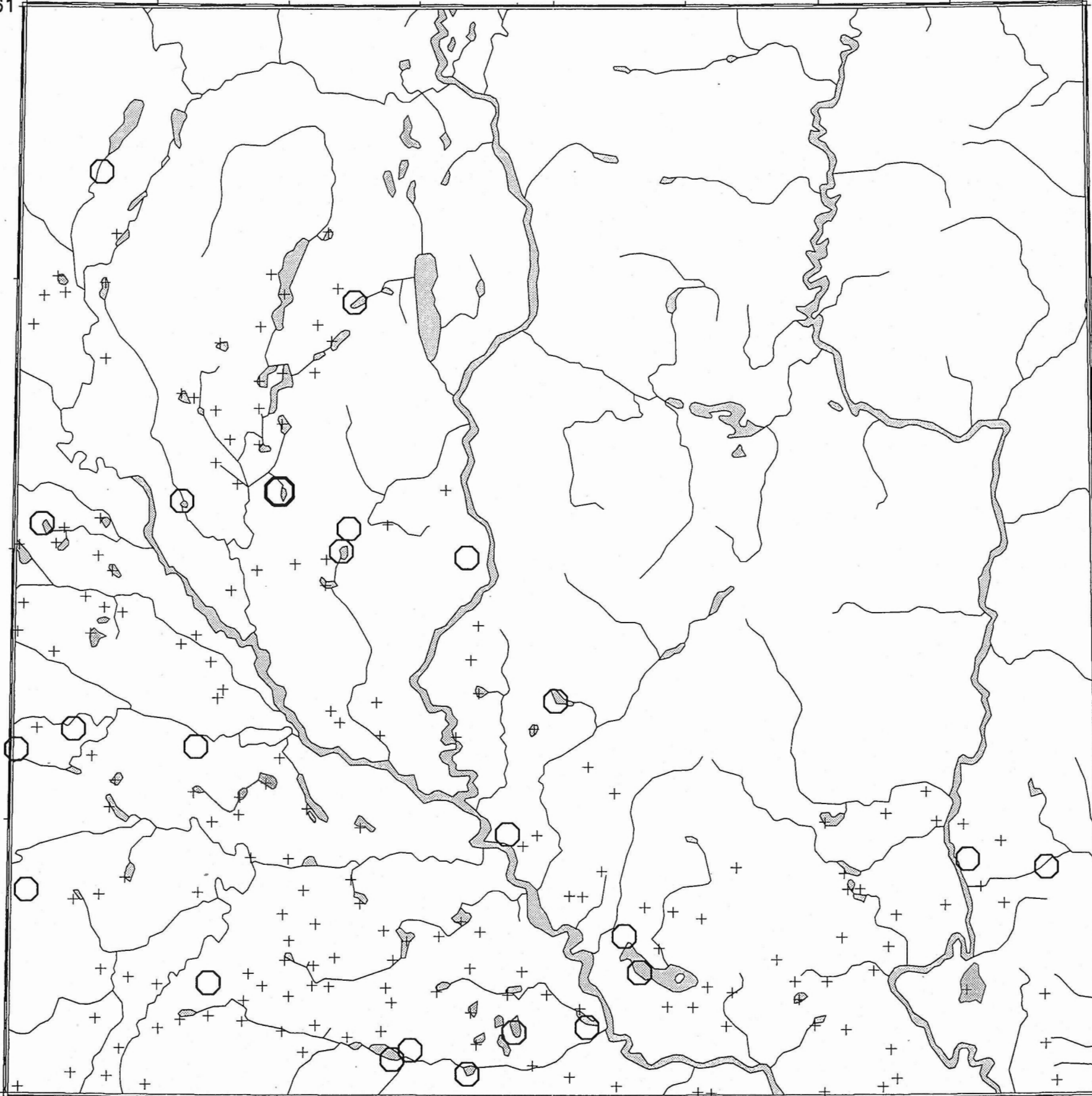
ppm percentile

2 -  - Max

1 -  - 99

< detection - + - Min

204 Samples



UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128

130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Fluorine-ISE in Lake Sediment

ppm	percentile
536 -	- Max
430 -	- 98
358 -	- 95
312 -	- 90
220 -	- 75
162 -	- 50
50 -	- Min

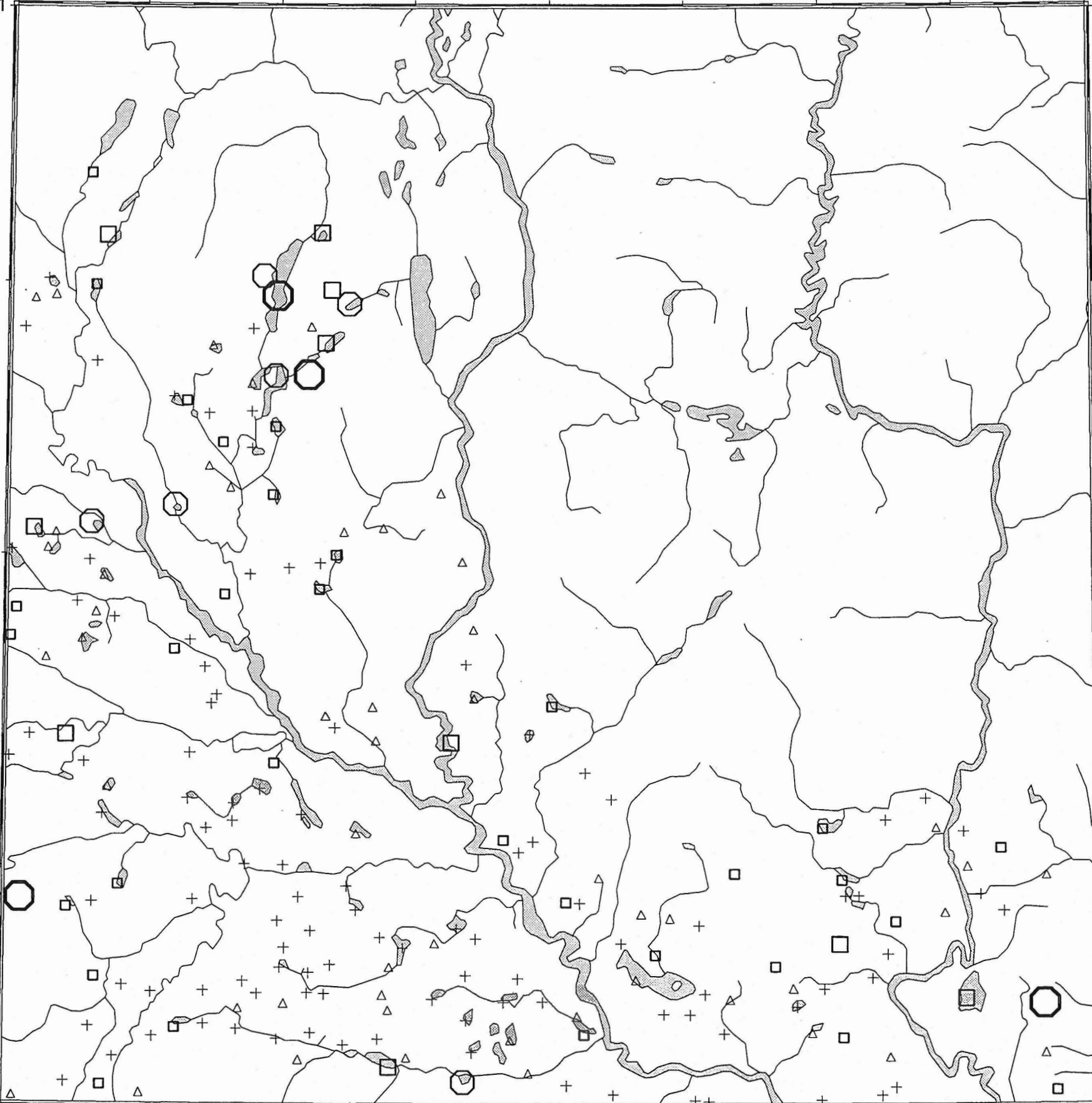
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Iron-AAS in Lake Sediment

pct percentile

23.56 - - Max



16.25 - - 98



10.39 - - 95



7.93 - - 90



4.25 - - 75



1.71 - - 50



0.12 - - Min

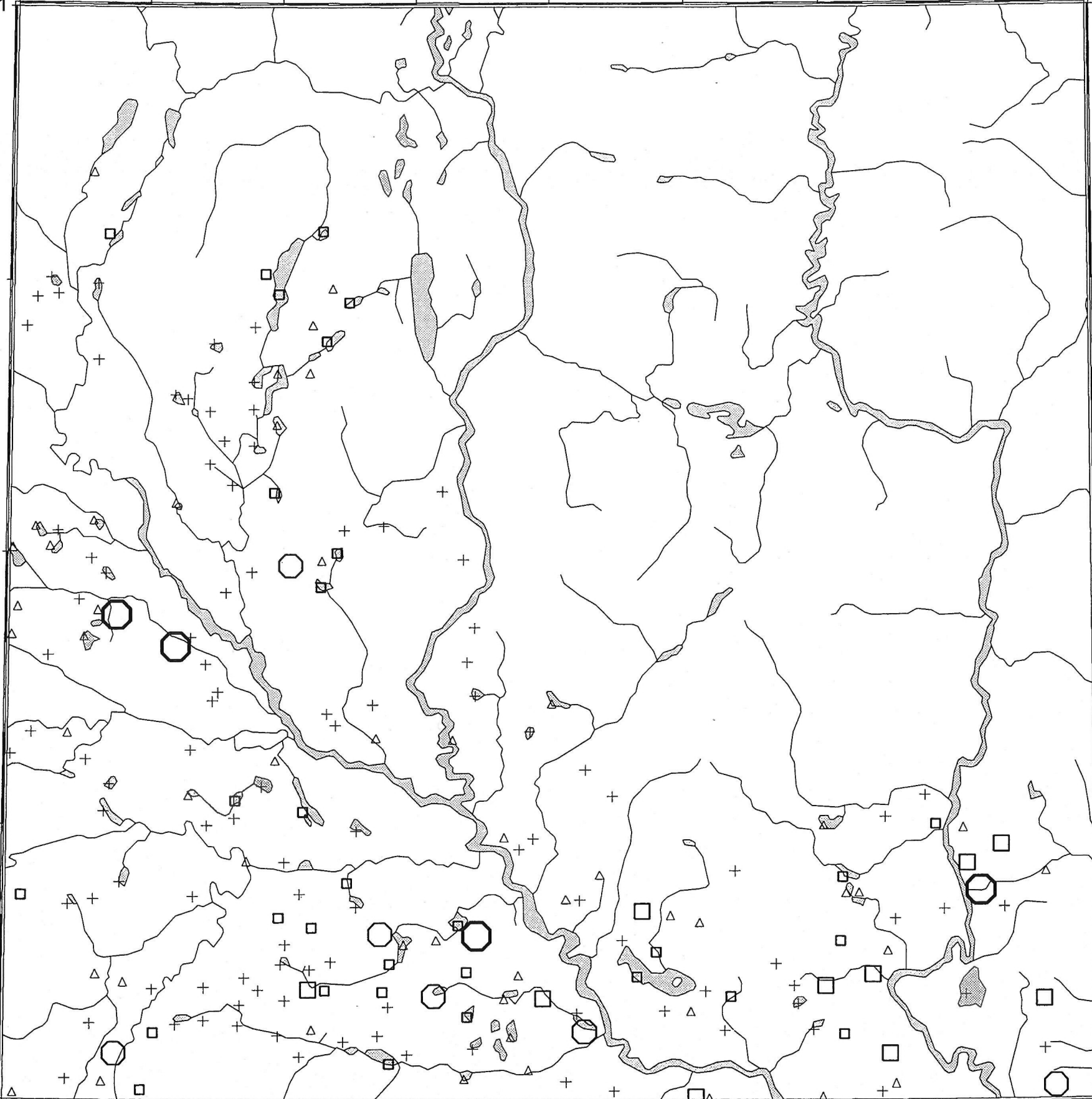
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Iron-INAA in Lake Sediment

pct		percentile
35.6 -	○	- Max
20.2 -	○	- 98
15.0 -	□	- 95
12.0 -	□	- 90
5.7 -	△	- 75
2.4 -	+	- 50
< detection -		- Min

204 Samples

UTM Projection, Zone 9

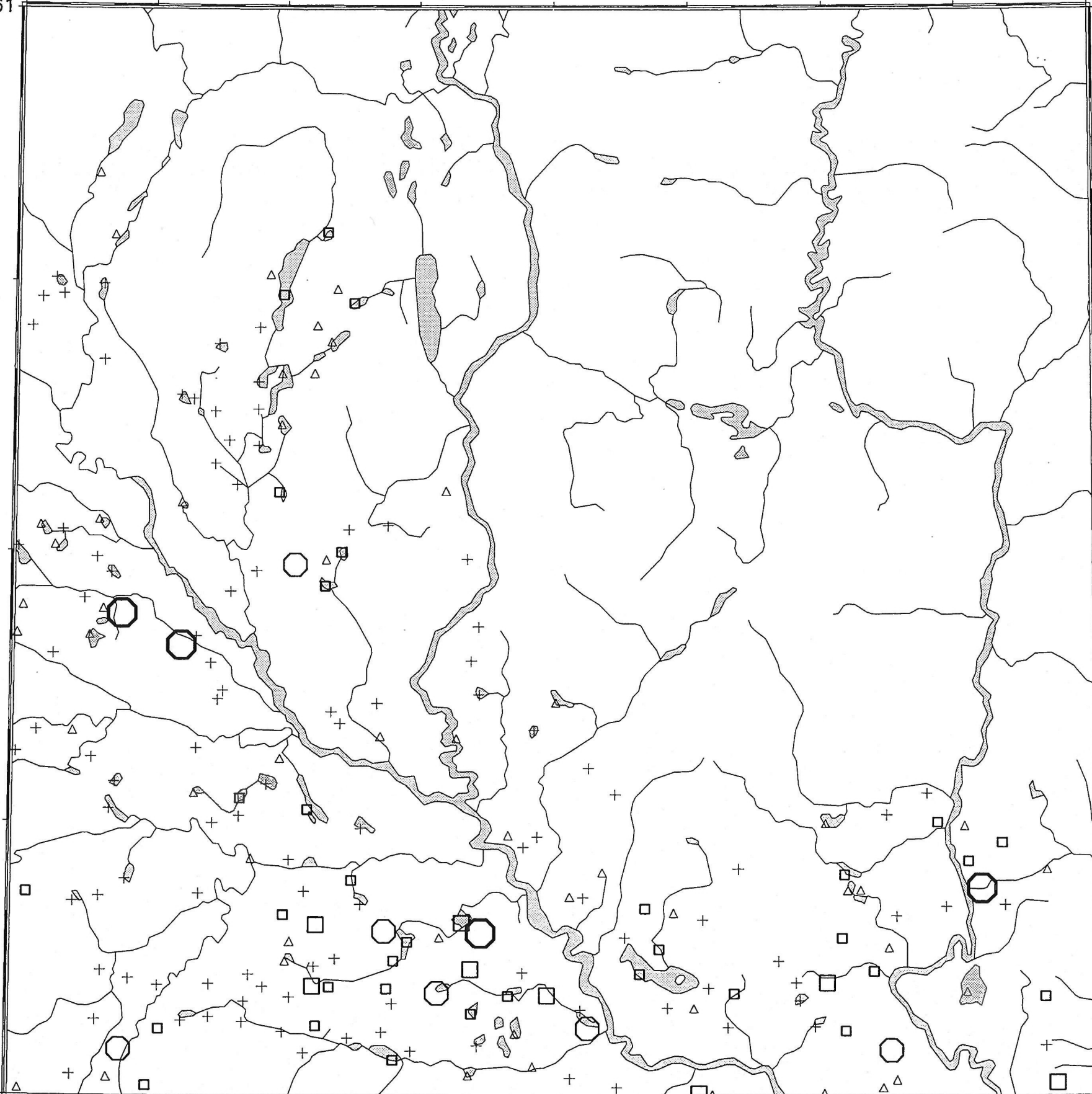
Kilometres 10 0 10 Kilomètres

60

130

60

128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Hafnium-INAA

in
Lake Sediment

ppm percentile

6 - - Max



4 - - 98



3 - - 90



2 - - 80



1 - - 50

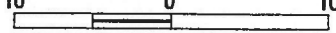


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

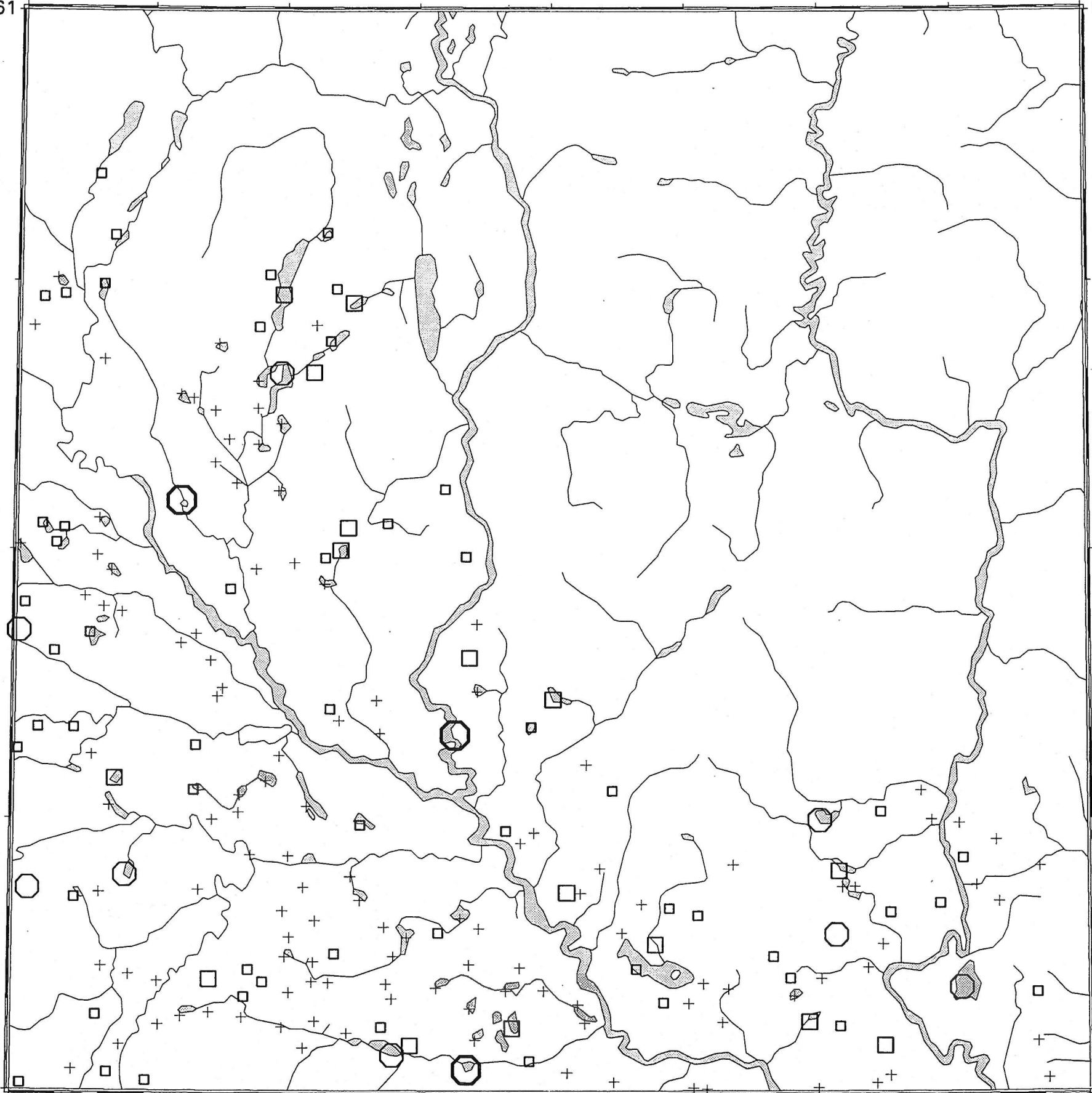


60

60

130

128



130
61

128
61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Mercury-CVAAS

in
Lake Sediment

ppb percentile

720 - - Max



311 - - 98



206 - - 95



171 - - 90



104 - - 75



62 - - 50



6 - - Min

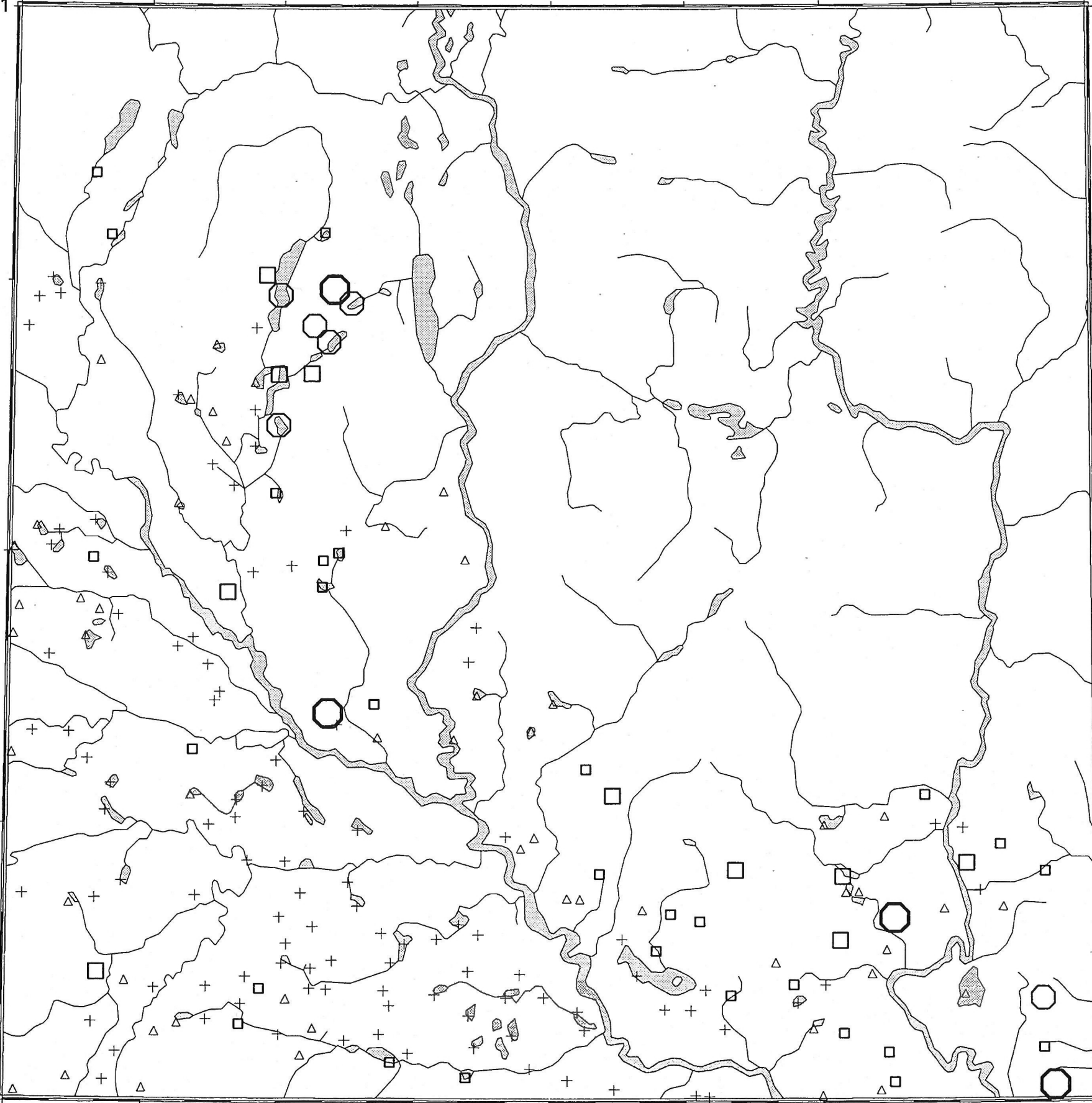
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Lanthanum-INAA

in Lake Sediment

ppm percentile

74 - - Max

51 - - 98

42 - - 95

32 - - 90

22 - - 75

15 - - 50

< detection - - Min

204 Samples

UTM Projection, Zone 9

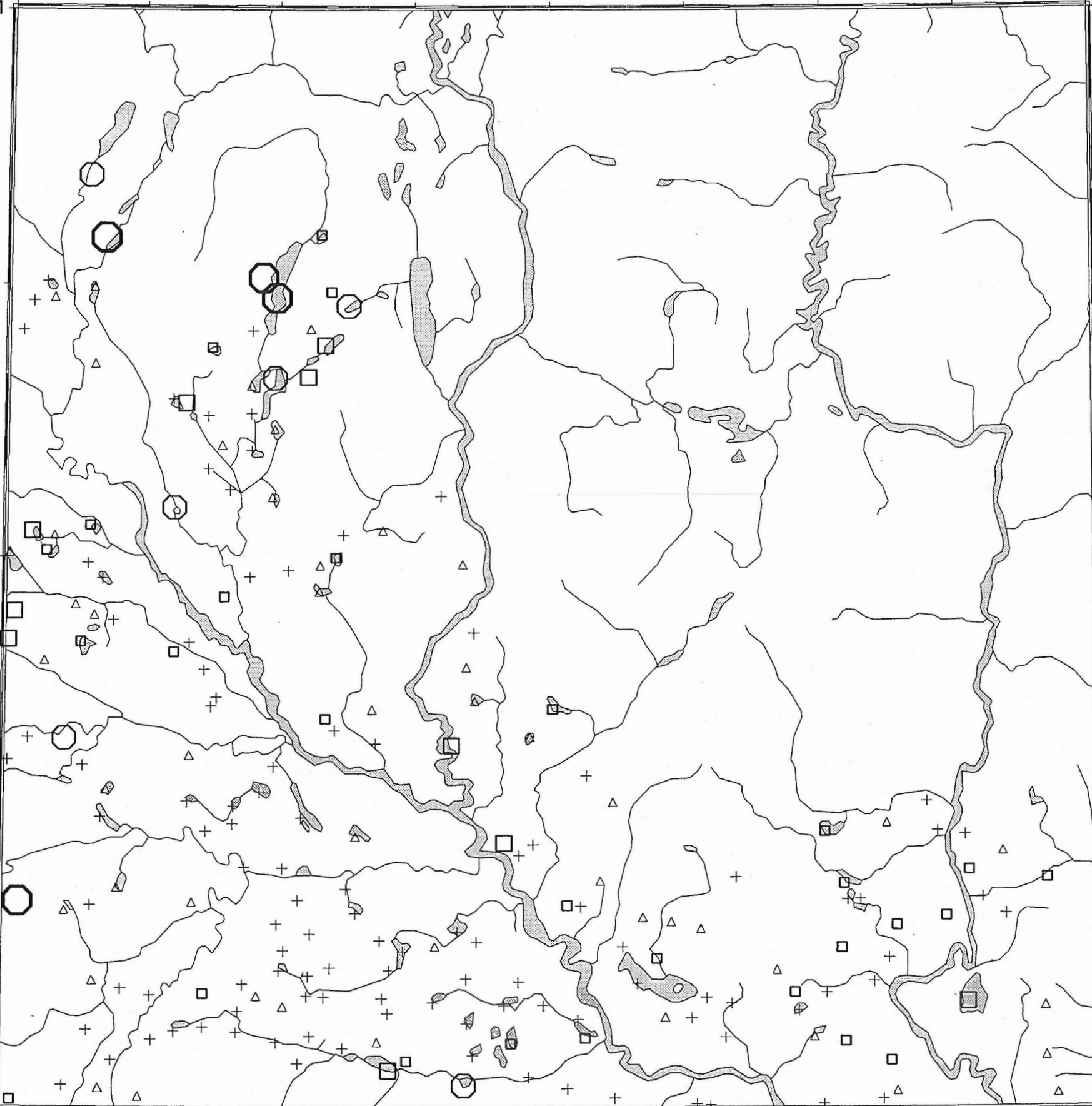
Kilometres 10 0 10 Kilomètres

60

130

60

128



61 30

128

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Loss on Ignition in Lake Sediment

pct percentile

88.69 - - Max



60.00 - - 93



15.00 - - 8

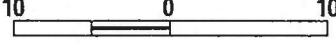


4.99 - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

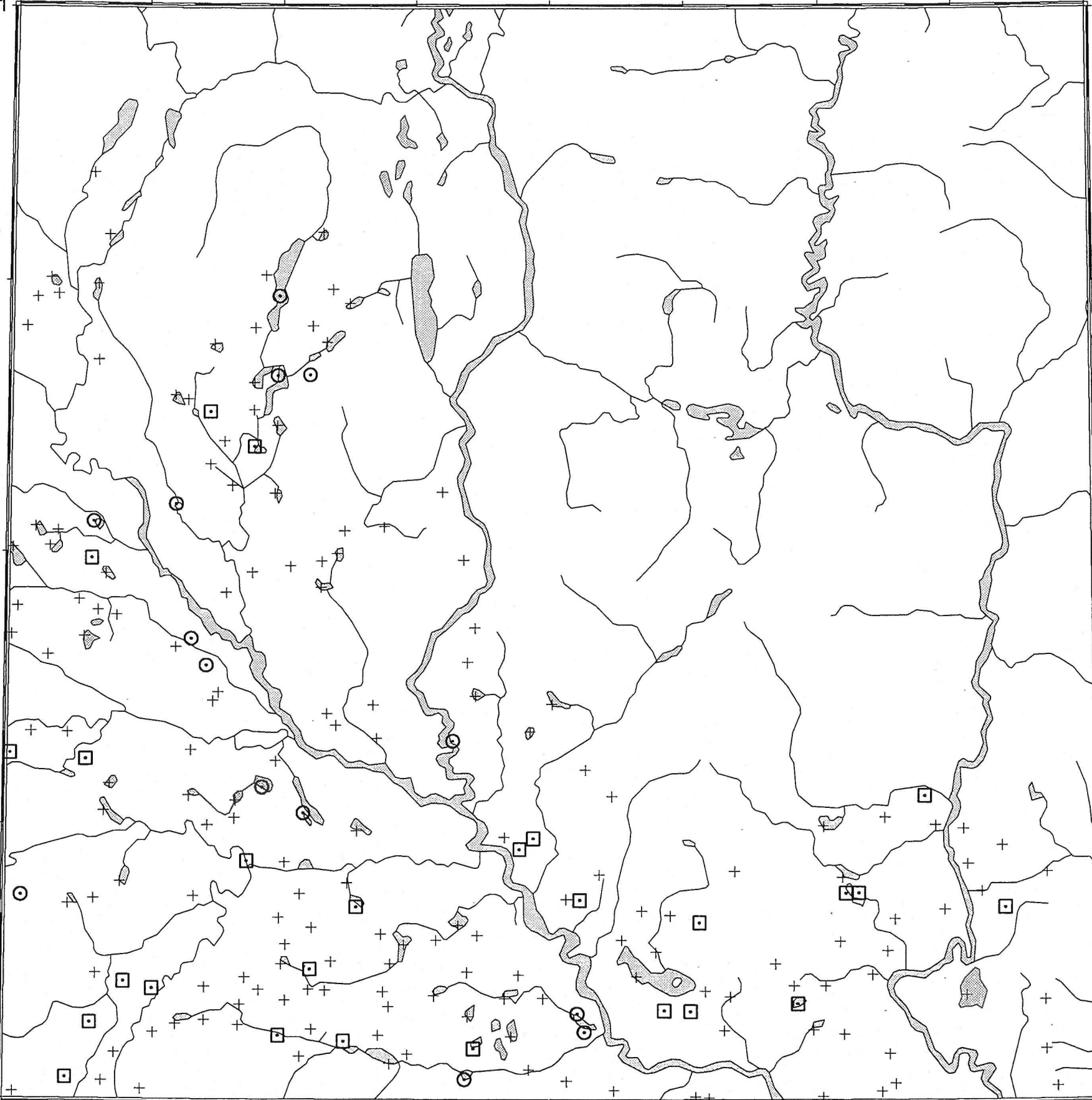


60

130

60

128



61 130

128

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Lutetium-INAA

in
Lake Sediment

ppm percentile

0.6 - - Max

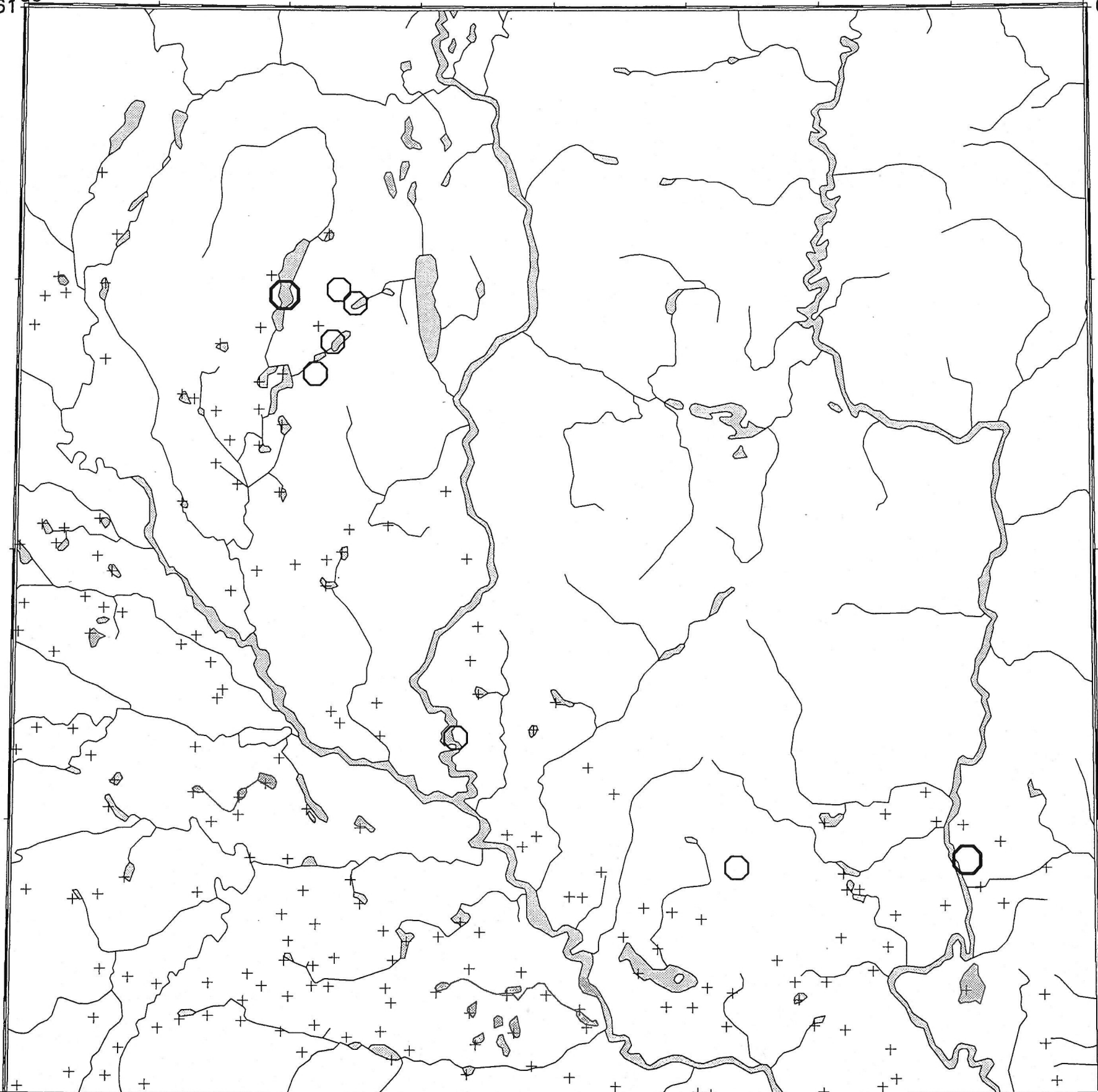
0.3 - - 99

0.2 - - 95

+

< detection - - Min

204 Samples



UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60

130

60

128

130
61

128
61








NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Manganese-AAS
in
Lake Sediment

ppm		percentile
41785 -		- Max
14320 -		- 98
5881 -		- 95
3475 -		- 90
1142 -		- 75
326 -		- 50
28 -		- Min

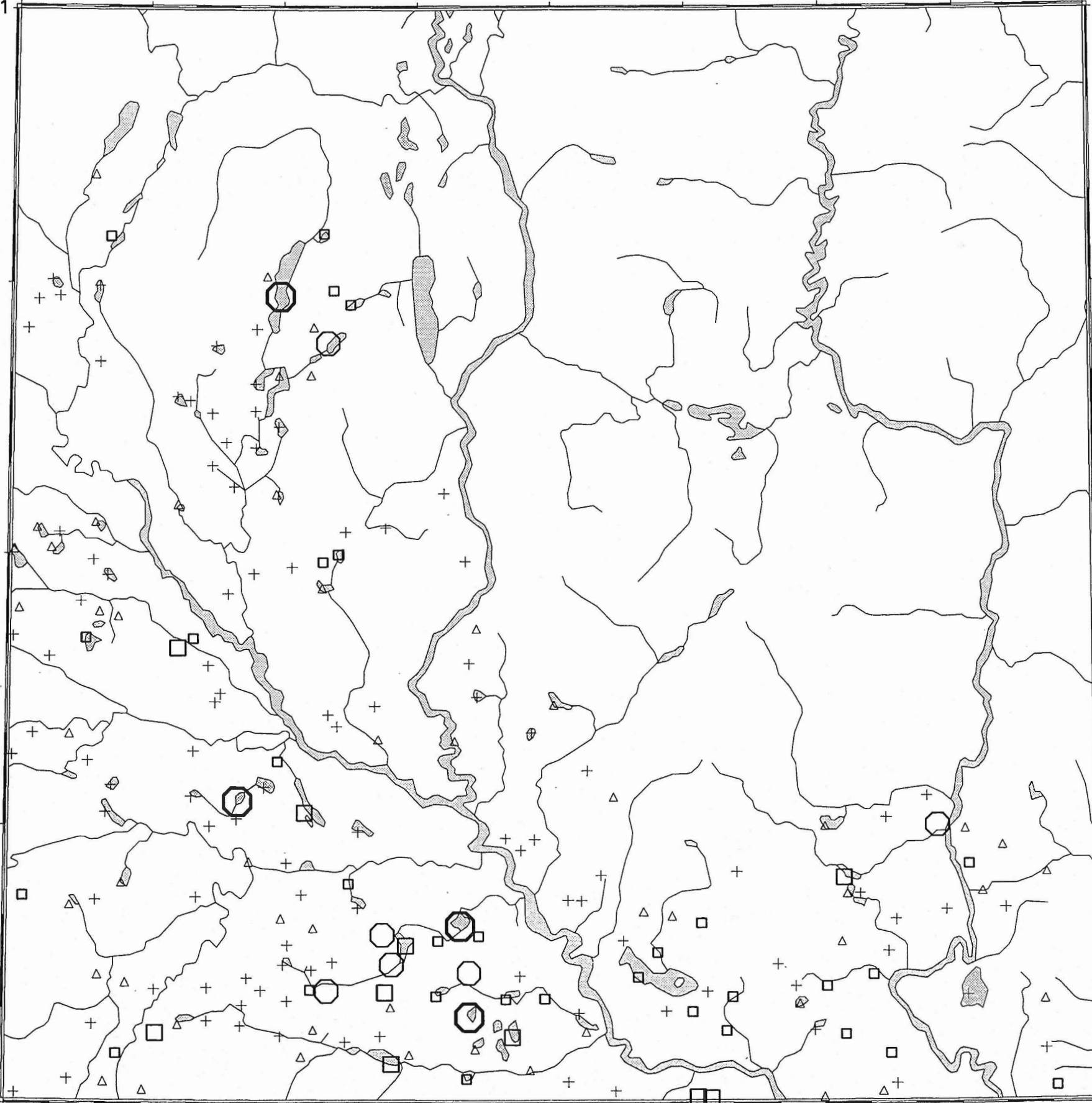
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Molybdenum-AAS

in
Lake Sediment

ppm percentile

31 - - Max



14 - - 98



11 - - 95



8 - - 90



5 - - 75



3 - - 50

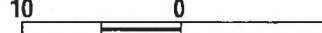


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres



60

130

60

128

130

128

61

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Sodium-INAA

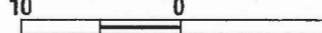
in
Lake Sediment

pct		percentile
1.90 -	○	- Max
1.50 -	○	- 98
1.20 -	□	- 95
1.00 -	□	- 90
0.78 -	△	- 75
0.48 -	+	- 50
< detection -		- Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilometres

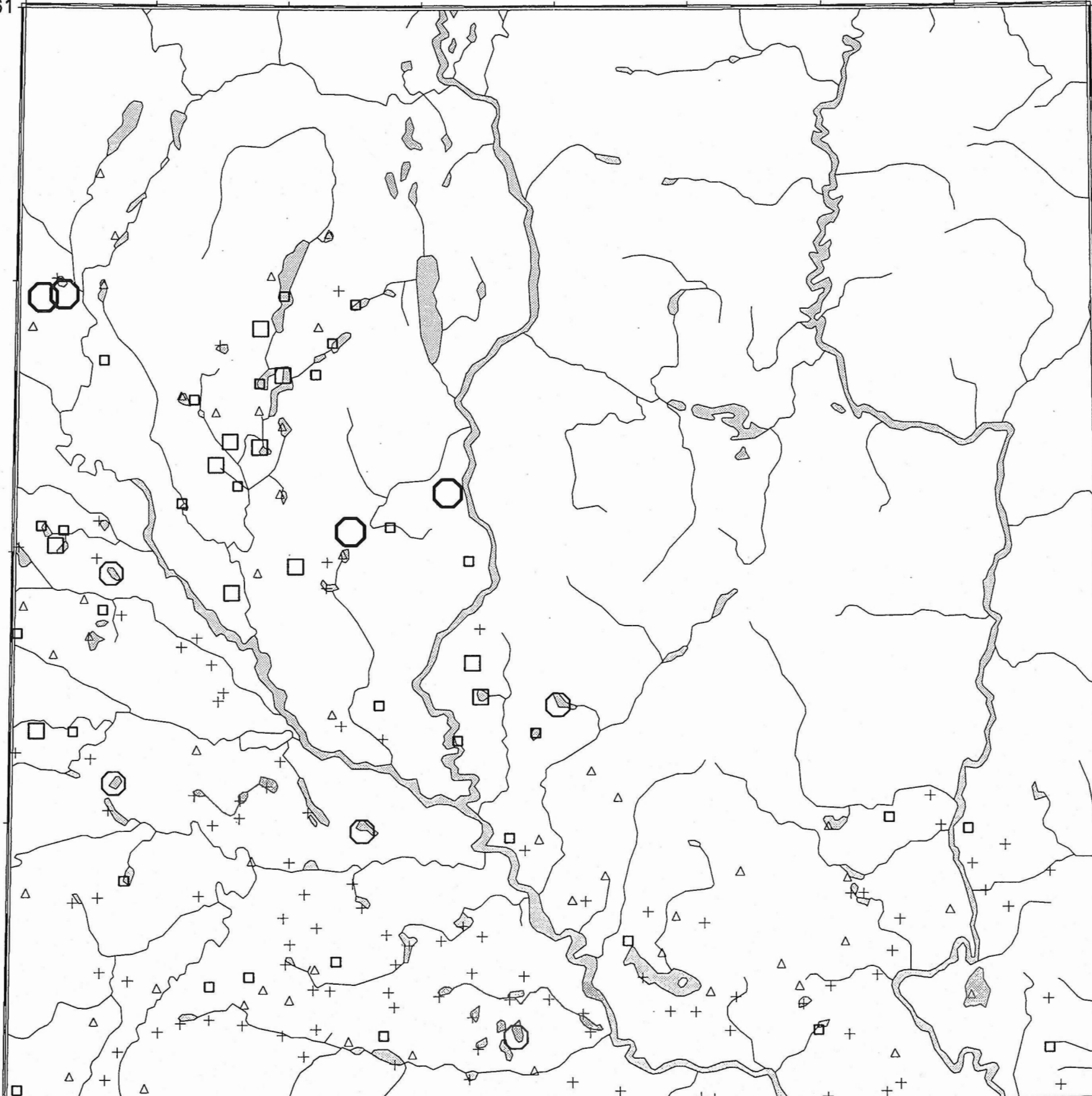


60

130

60

128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994
NTS 105A

Nickel-AAS in Lake Sediment

ppm	percentile
400 -	- Max
62 -	- 98
49 -	- 95
39 -	- 90
32 -	- 75
24 -	- 50
< detection -	- Min

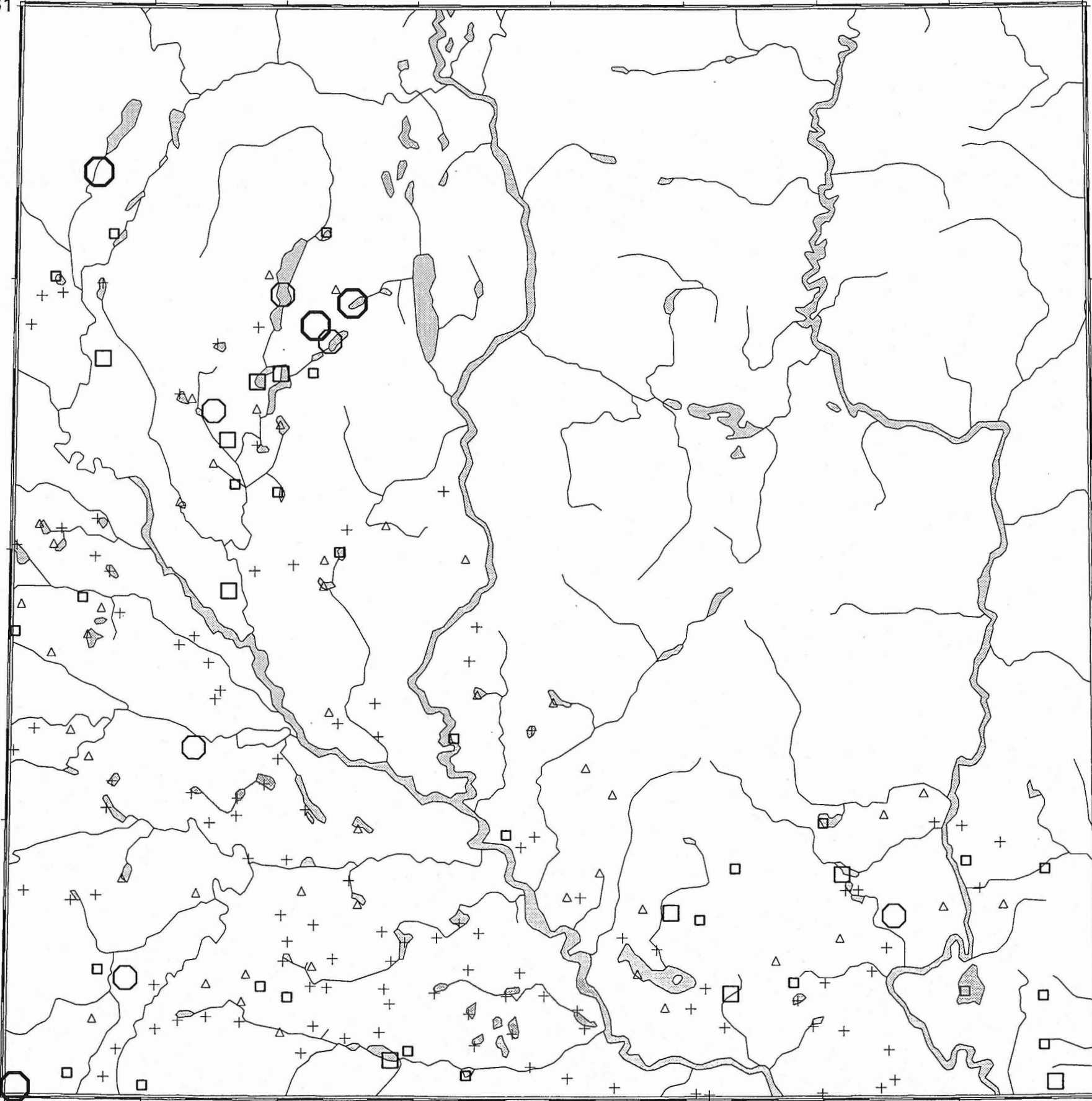
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA  COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Lead-AAS in Lake Sediment

ppm percentile

58 - - Max



28 - - 98



21 - - 95



16 - - 90



13 - - 75



10 - - 50



< detection - - Min

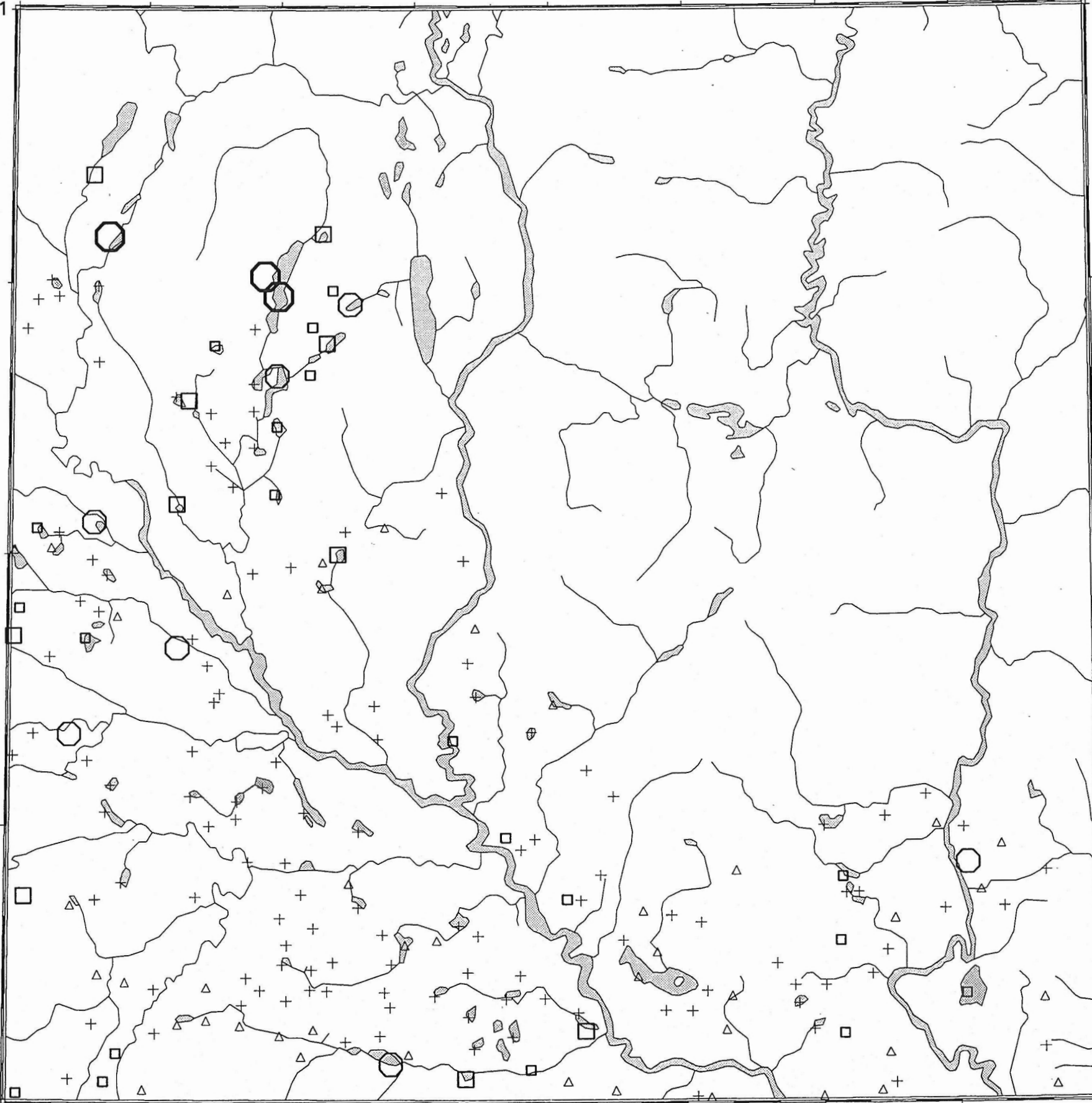
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

NATIONAL GEOCHEMICAL RECONNAISSANCE








G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Rubidium-INAA

in
Lake Sediment

ppm		percentile
200 -		- Max
140 -		- 98
120 -		- 95
89 -		- 90
45 -		- 75
24 -		- 50
		- Min
< detection -		- Min

204 Samples

UTM Projection, Zone 9

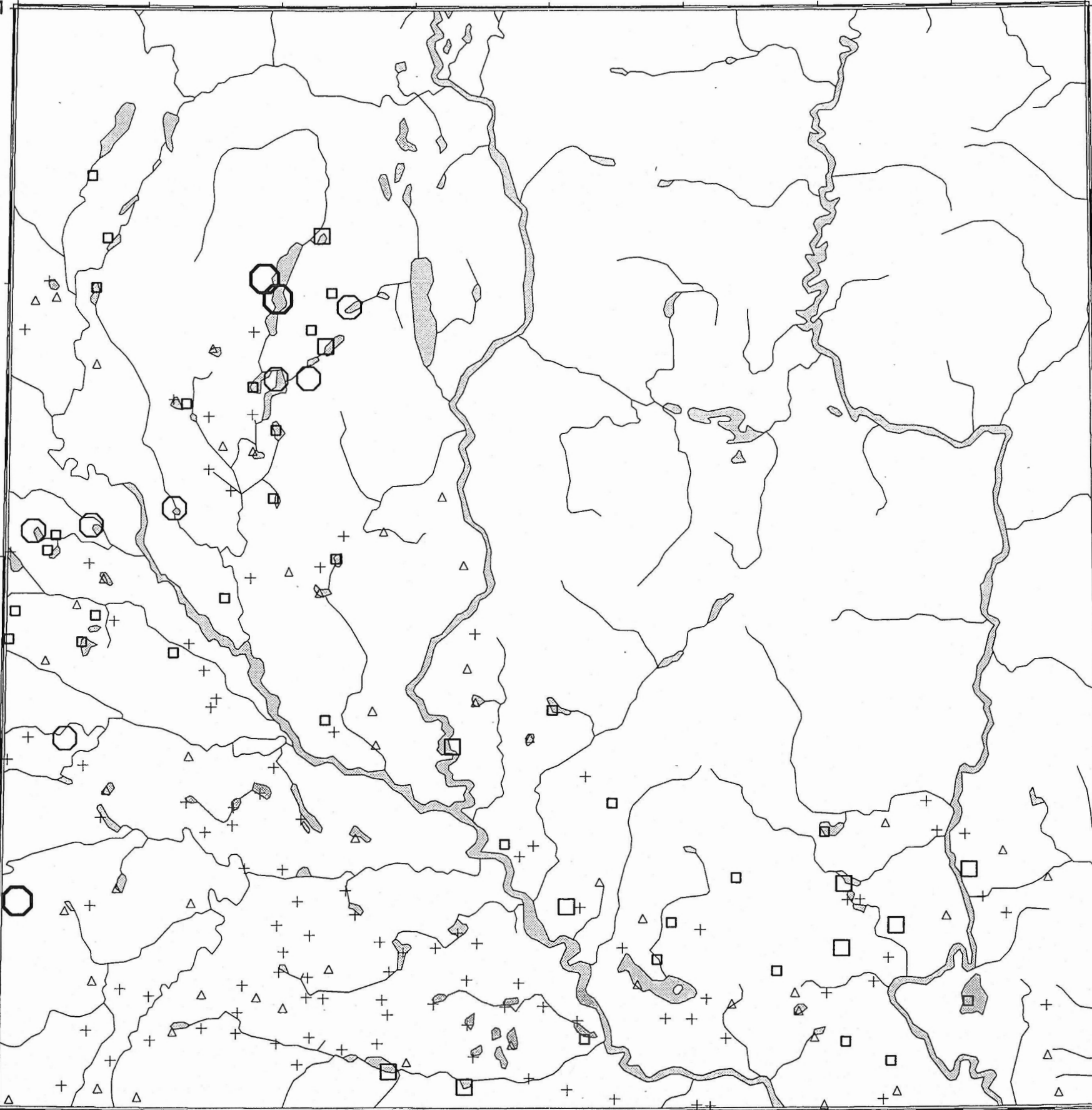
Kilometres 10 0 10 Kilomètres

60

130

60

128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Antimony-INAA

in
Lake Sediment

ppm percentile

6.5 - - Max



3.6 - - 98



2.8 - - 95



2.2 - - 90



1.4 - - 75



0.7 - - 50

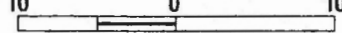


< detection - - Min

204 Samples

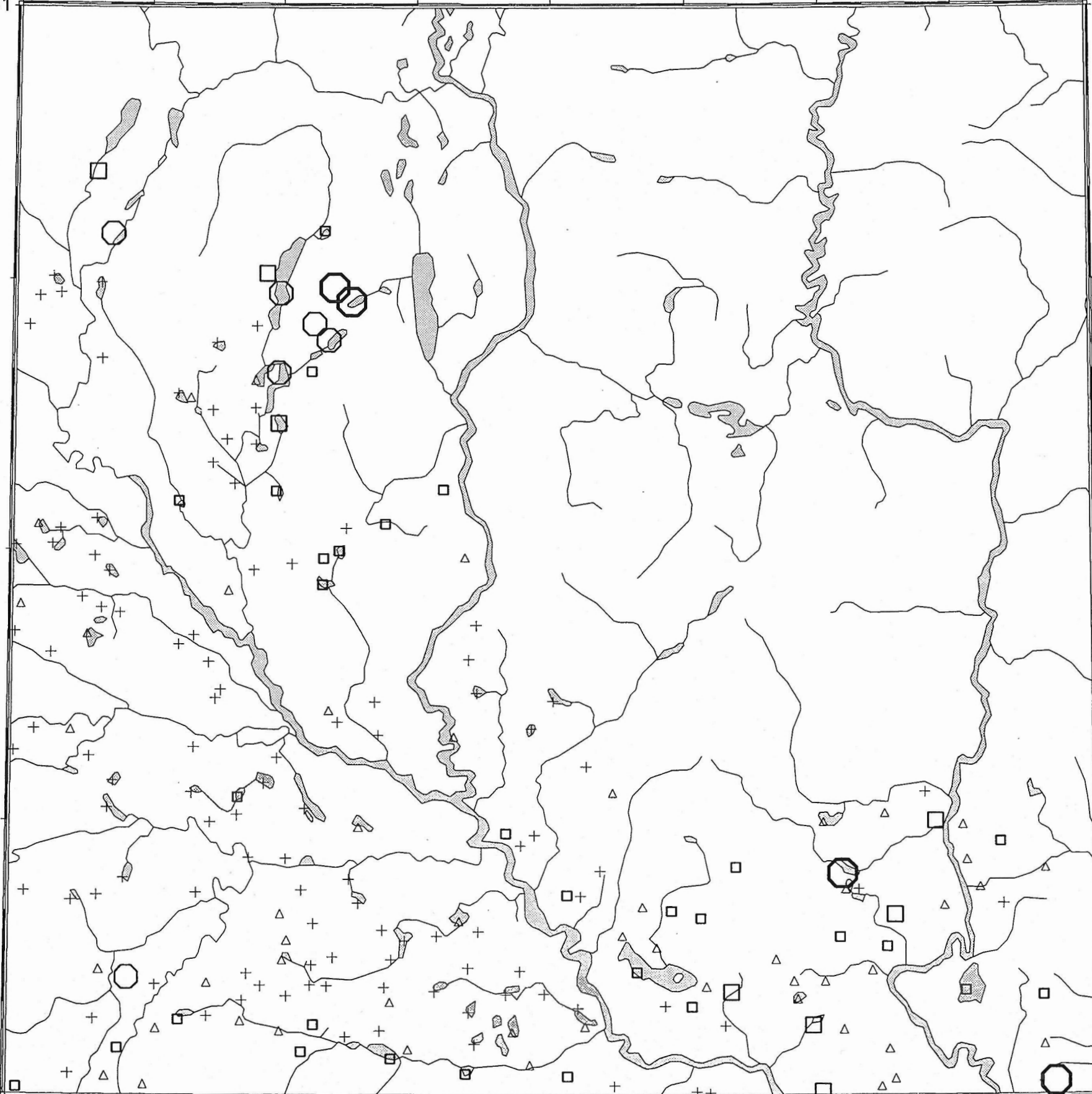
UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres



60
130

60
128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Scandium-INAA

in
Lake Sediment

ppm percentile

20.0 - - Max



16.0 - - 98



14.0 - - 95



12.0 - - 90



8.1 - - 75



4.7 - - 50



< detection - - Min

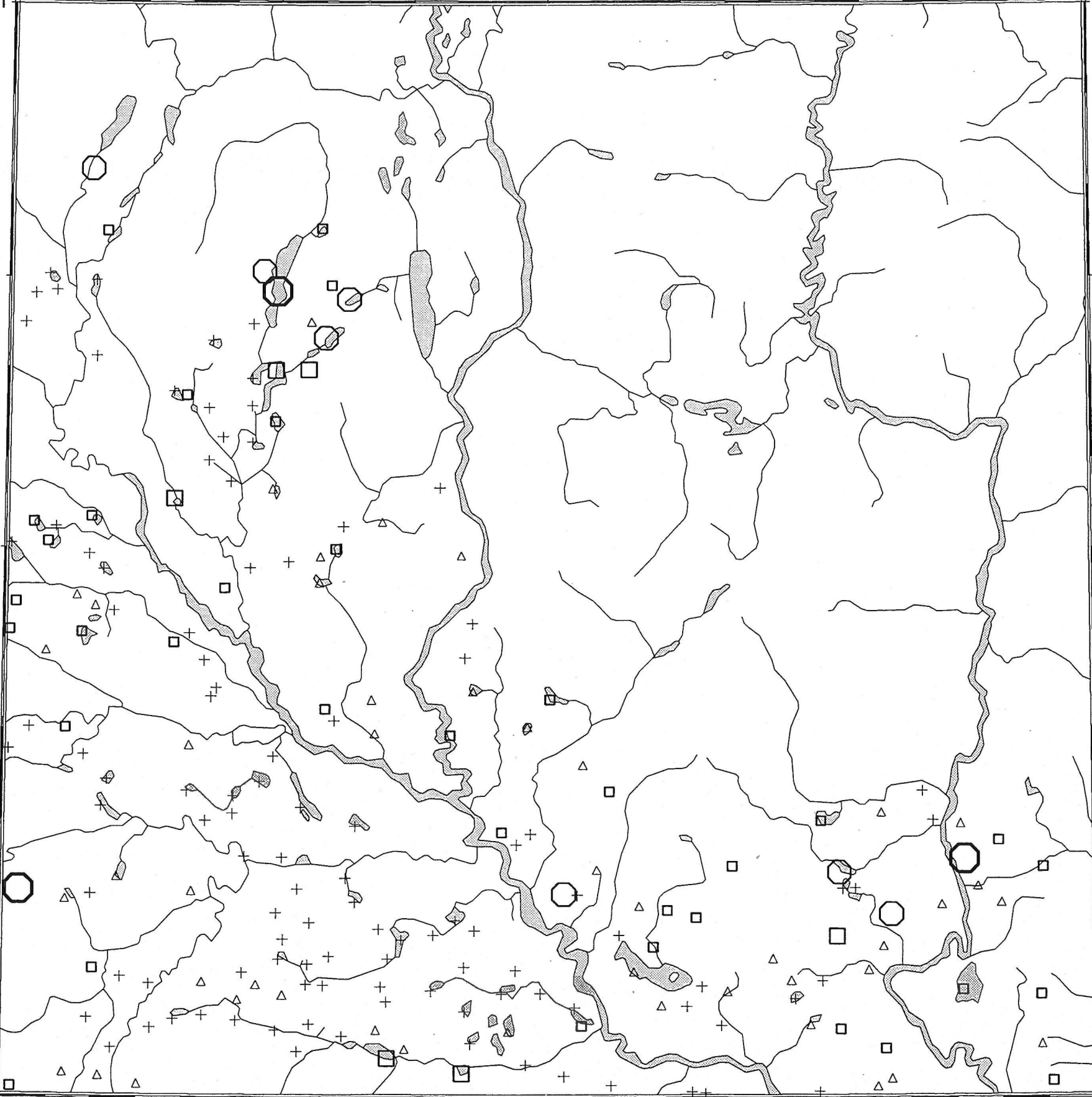
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130

128

61

61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Samarium-INAA

in
Lake Sediment

ppm percentile

10.0 - - Max



7.9 - - 98



5.7 - - 95



4.8 - - 90



2.8 - - 75



1.9 - - 50



< detection - - Min

204 Samples

UTM Projection, Zone 9

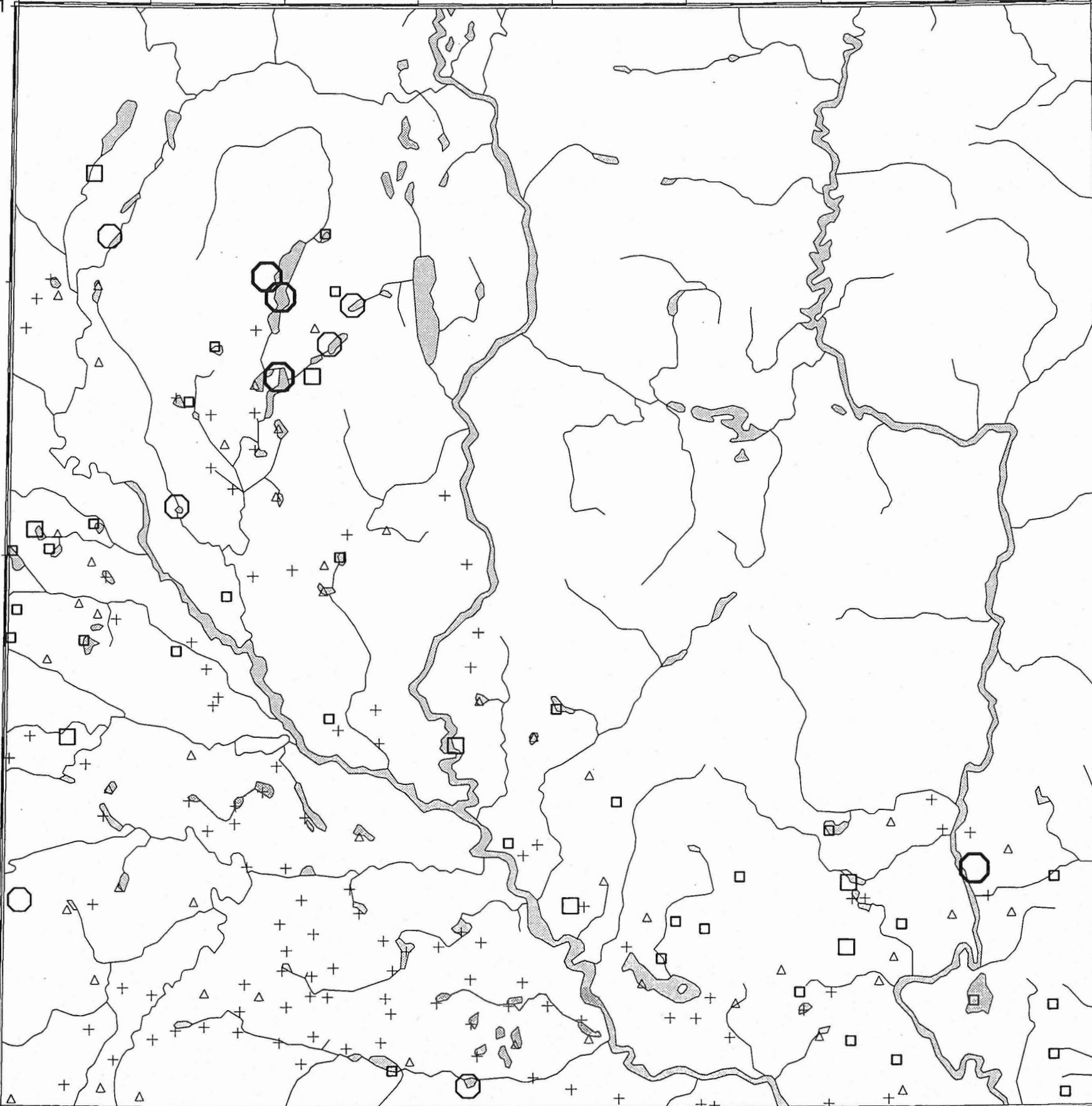
Kilometres 10 0 10 Kilomètres

60

60

130

128



6130

128

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Tantalum-INAA

in
Lake Sediment

ppm percentile

1.8 - - Max



1.4 - - 98



1.1 - - 95



0.9 - - 90



0.6 - - 75

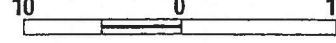


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

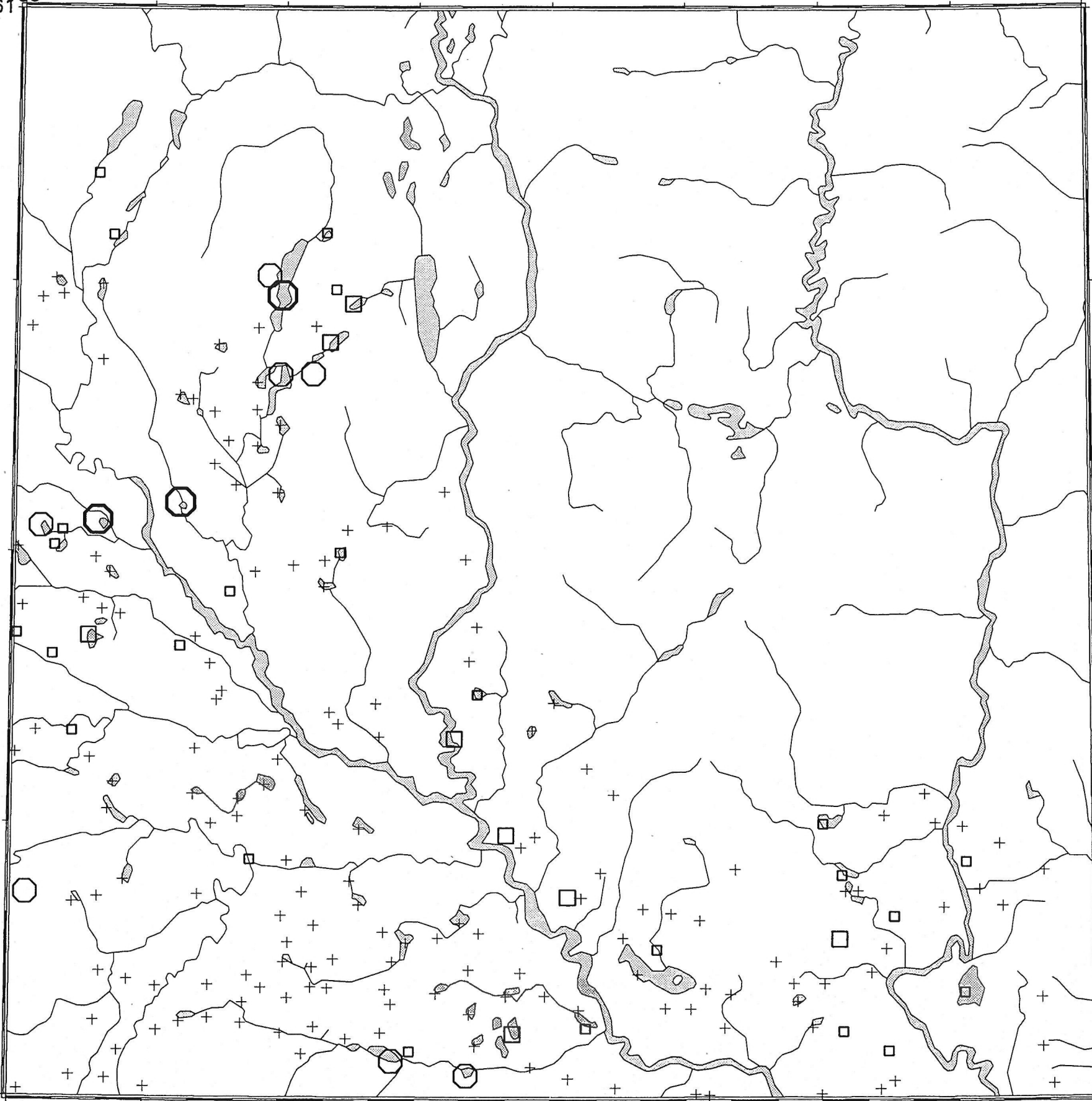


60

130

60

128



6130 128 61

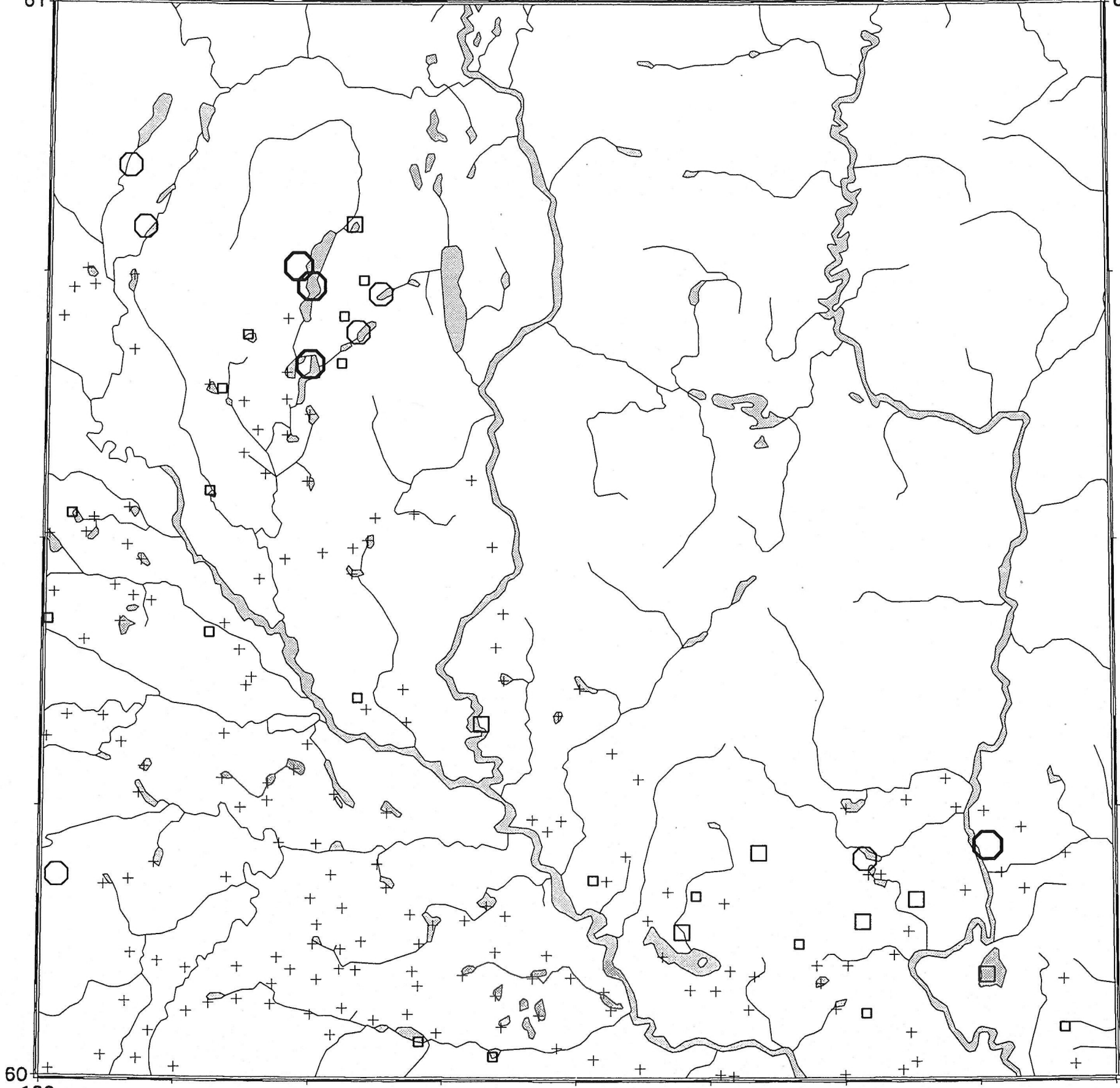
NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860
Yukon, 1994
NTS 105A

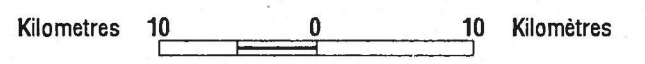
Terbium-INAA
in
Lake Sediment

ppm		percentile
1.5 -	○	- Max
1.1 -	○	- 98
0.8 -	□	- 95
0.7 -	□	- 90
0.5 -	□	- 80
< detection -	+	- Min

204 Samples



UTM Projection, Zone 9



60 130 128 60

130

128

61

61

GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Thorium-INAA

in
Lake Sediment

ppm percentile

23.2 - - Max



16.0 - - 98



14.0 - - 95



12.0 - - 90



6.7 - - 75



4.3 - - 50

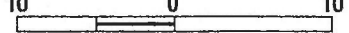


< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

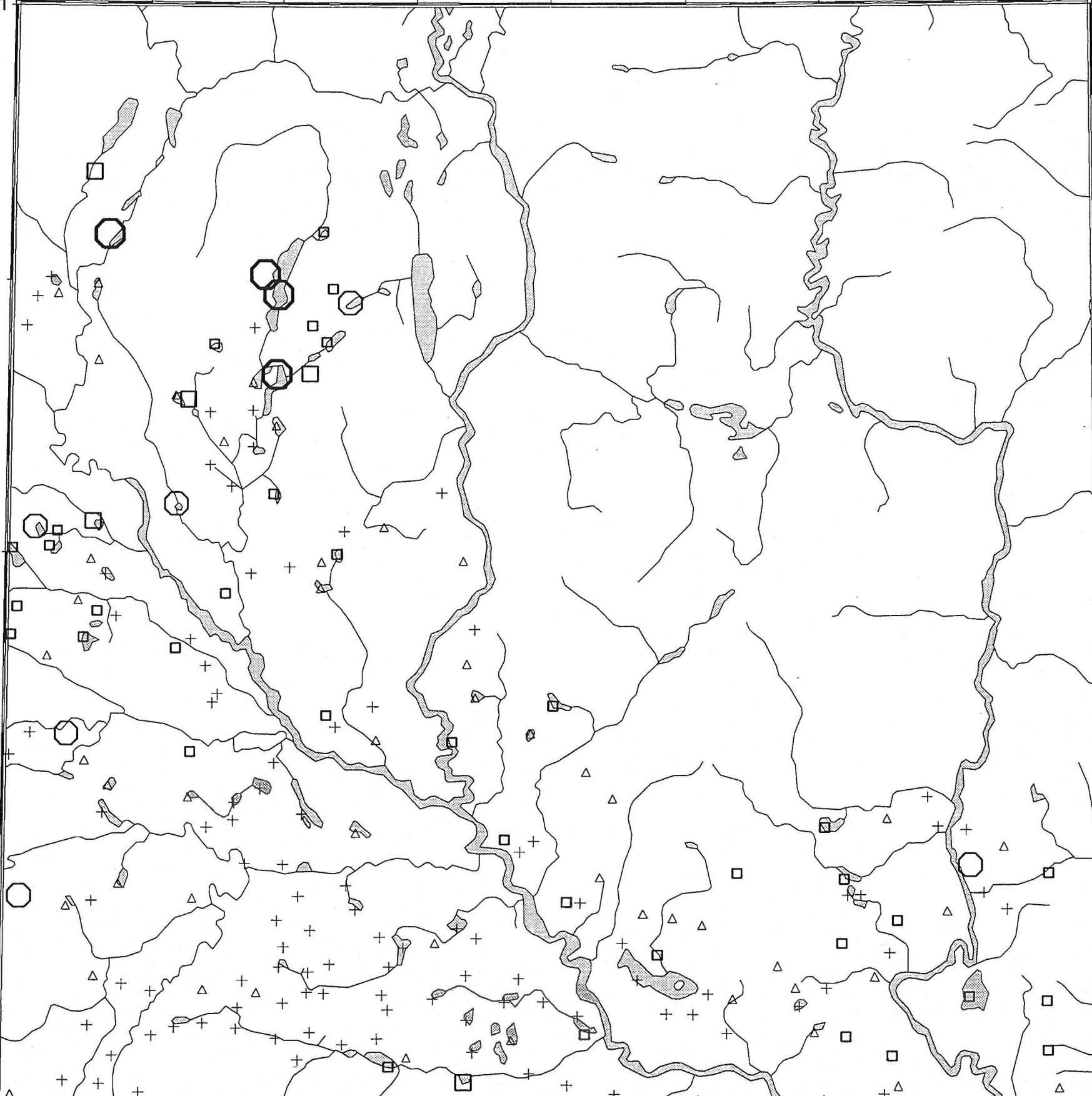


60

60

130

128



130
61

128
61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Uranium-INAA

in
Lake Sediment

ppm		percentile
-----	--	------------

31.5 -		- Max
--------	---	-------

18.0 -		- 98
--------	--	------

13.0 -		- 95
--------	---	------

10.0 -		- 90
--------	---	------

6.3 -		- 75
-------	---	------

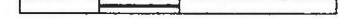
4.4 -		- 50
-------	---	------

0.4 -		- Min
-------	--	-------

204 Samples

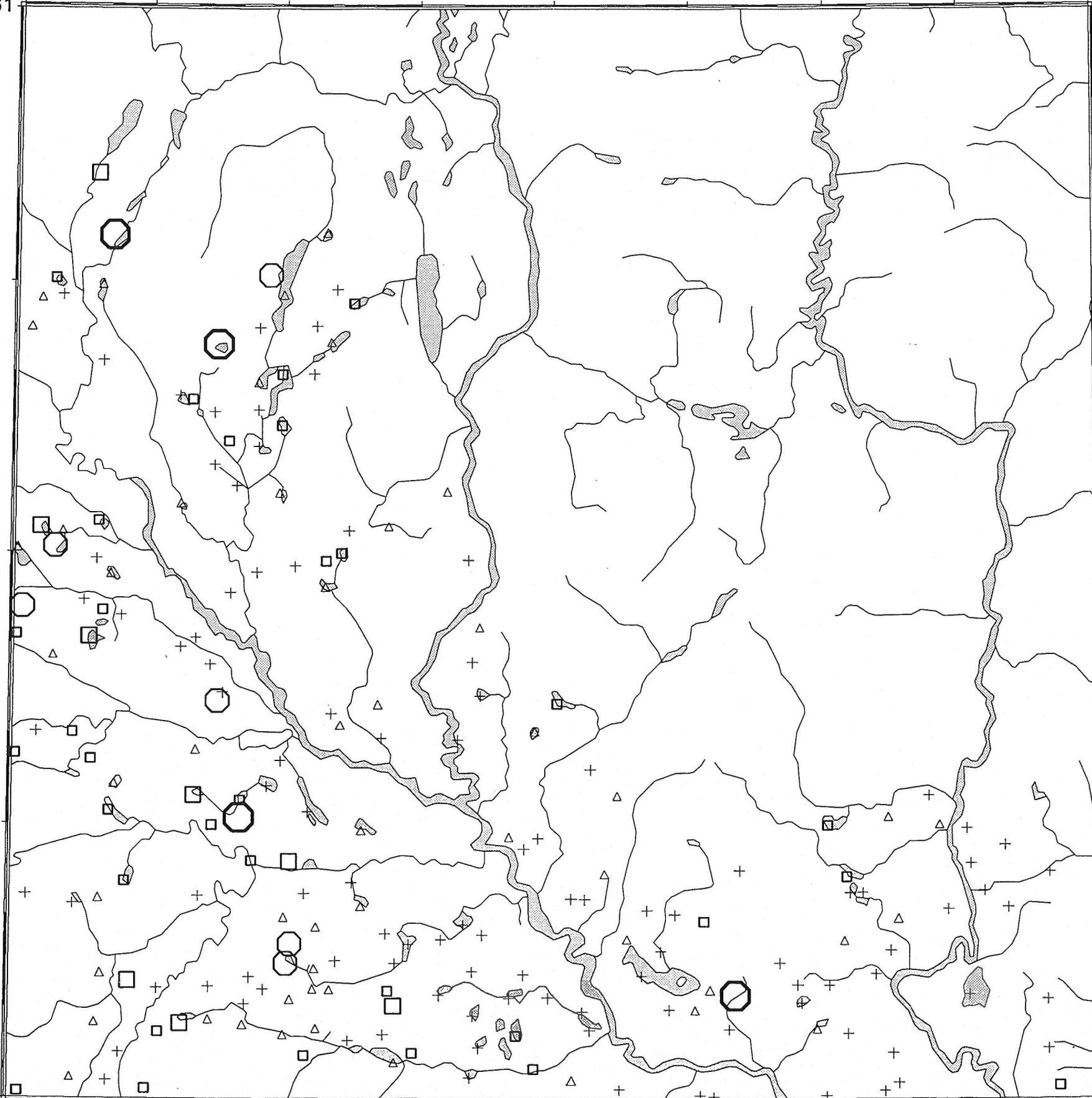
UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres



60
130

60
128



61 130

128

61

GEOLOGICAL SURVEY OF CANADA  COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Vanadium-AAS

in
Lake Sediment

ppm percentile

50 - - Max



40 - - 98



34 - - 95



30 - - 90



22 - - 75



16 - - 50



< detection - - Min

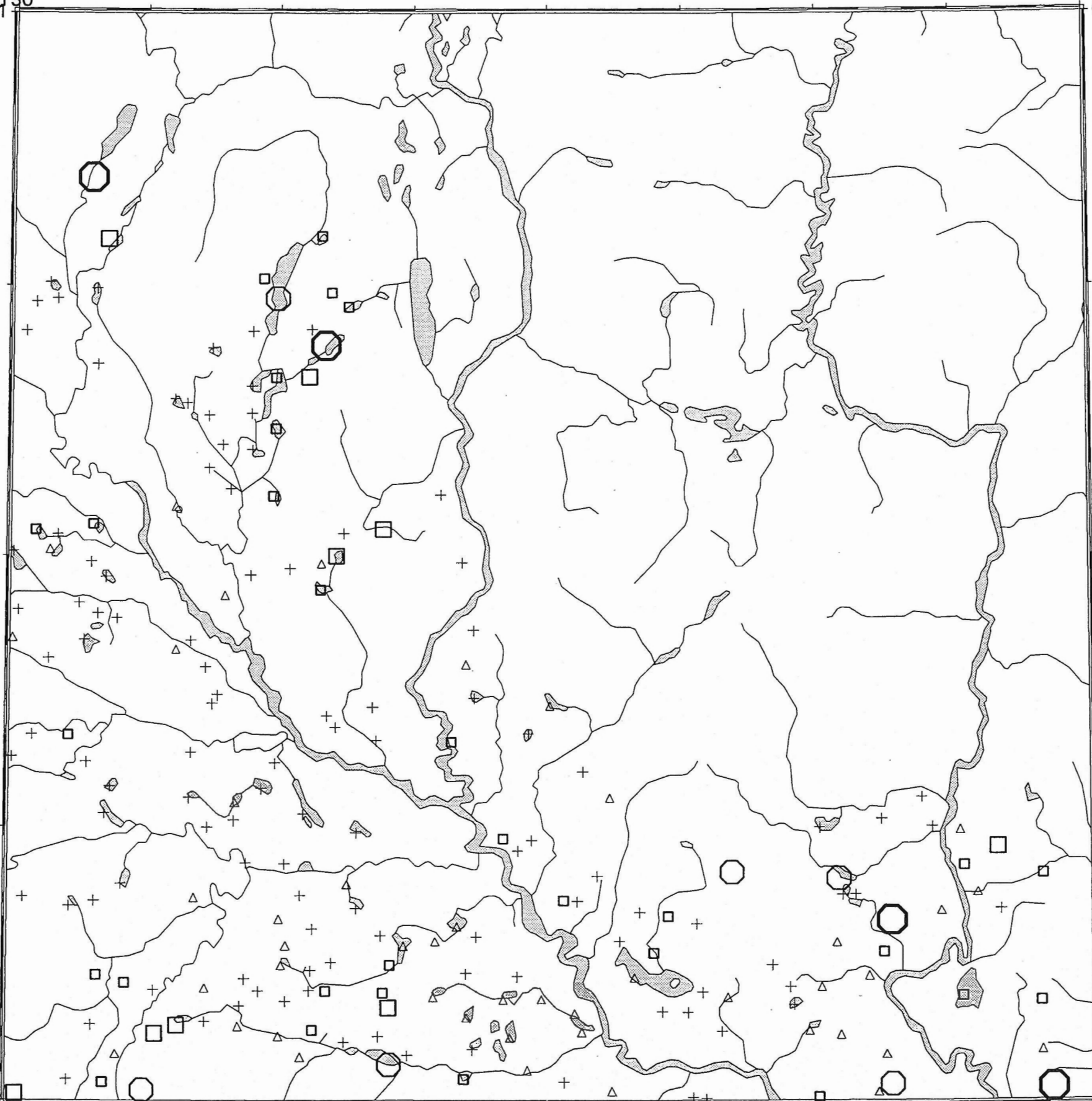
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



61 130

128

61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Tungsten-INAA

in
Lake Sediment

ppm		percentile
-----	--	------------

3 -		- Max
-----	---	-------

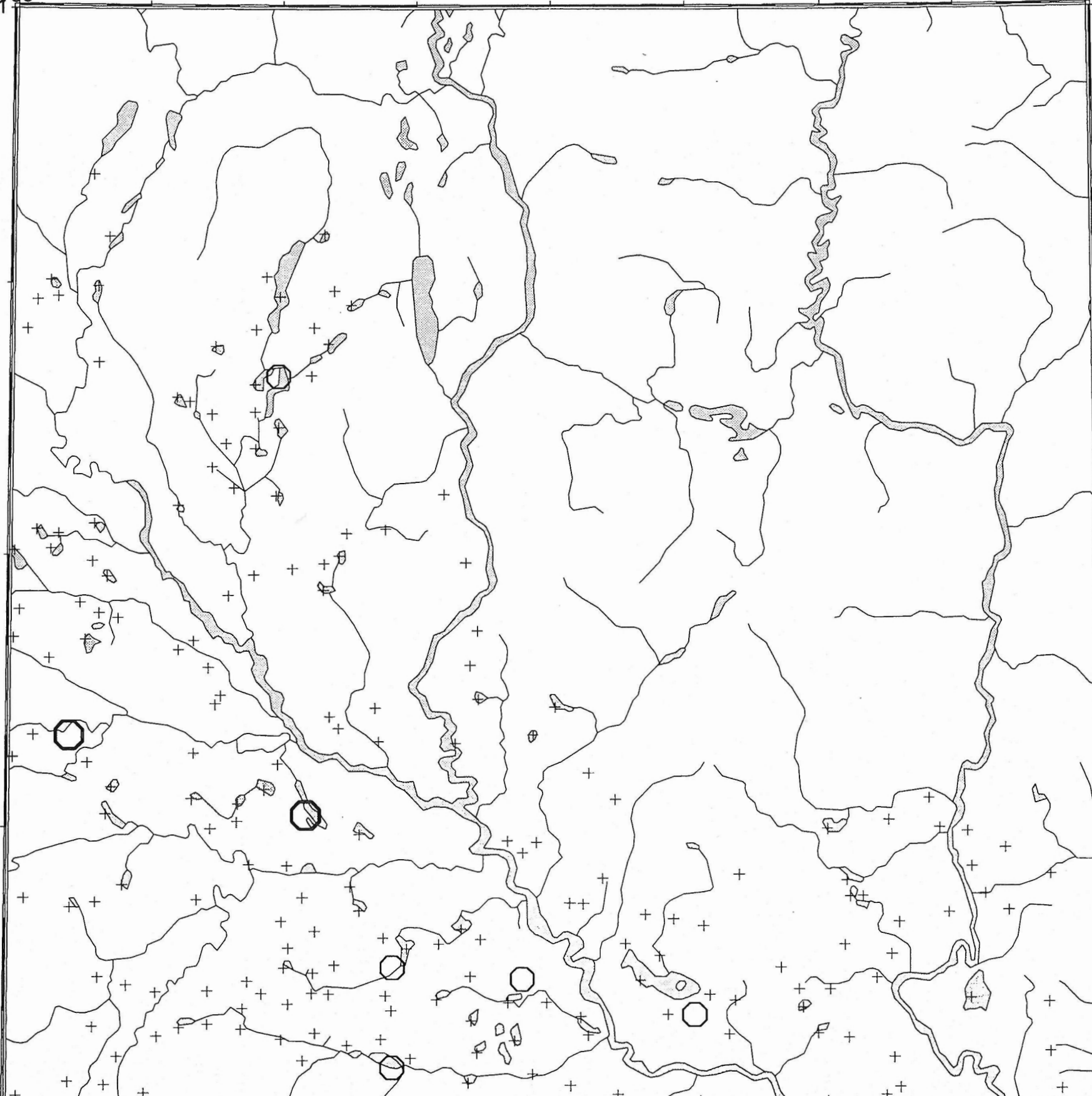
2 -		- 99
-----	---	------

1 -		- 95
-----	---	------

		
--	---	--

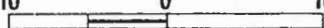
< detection -		- Min
---------------	--	-------

204 Samples



UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres



60
130

60
128

6130

128

61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Ytterbium-INAA

in
Lake Sediment

ppm percentile

3 - - Max



2 - - 98



1 - - 90



< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

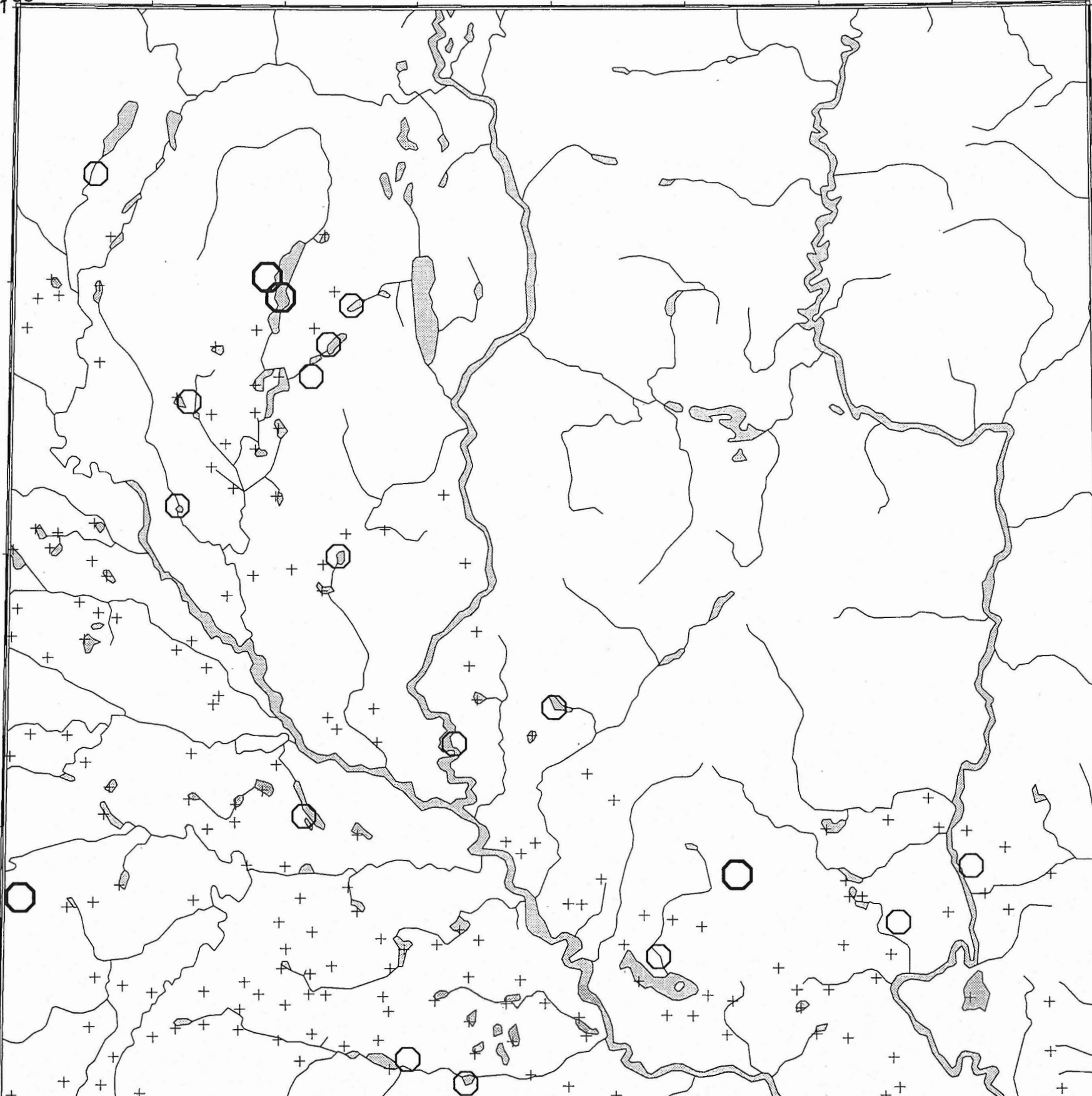


60

130

60

128



130
61

128
61

GEOLOGICAL SURVEY OF CANADA



COMMISSION GÉOLOGIQUE DU CANADA

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Zinc-AAS in Lake Sediment

ppm		percentile
386 -	○	- Max
269 -	○	- 98
196 -	□	- 95
173 -	□	- 90
142 -	△	- 75
115 -	+	- 50
10 -		- Min

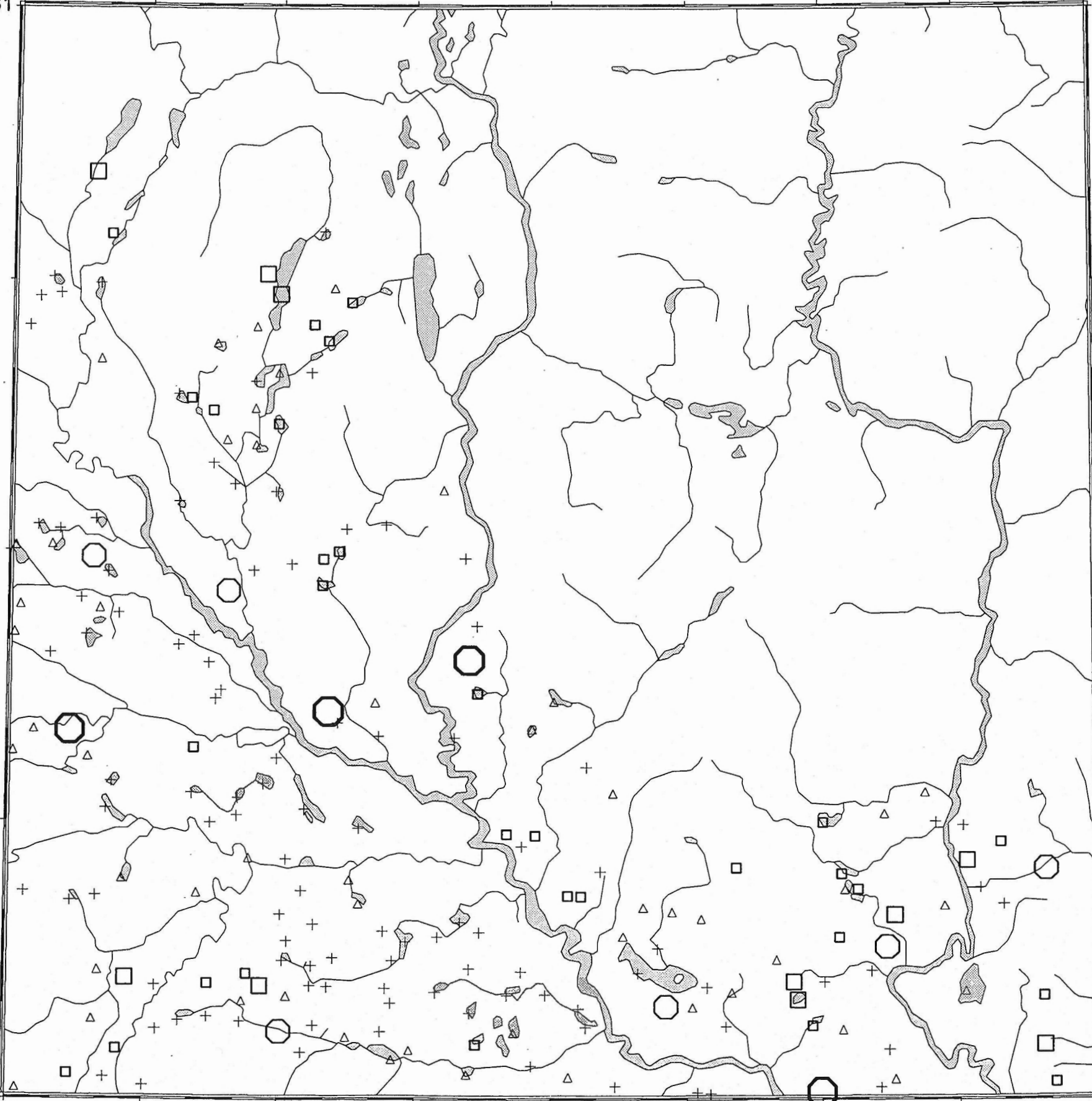
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



6130

128

61

GEOLOGICAL SURVEY OF CANADA COMMISSION GÉOLOGIQUE DU CANADA



NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Fluoride-ISE

in
Lake Water

ppb percentile

525 - - Max



112 - - 98



98 - - 95



84 - - 90



70 - - 75



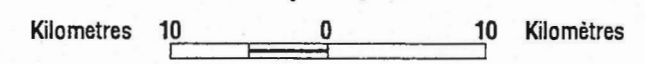
54 - - 50



< detection - - Min

204 Samples

UTM Projection, Zone 9

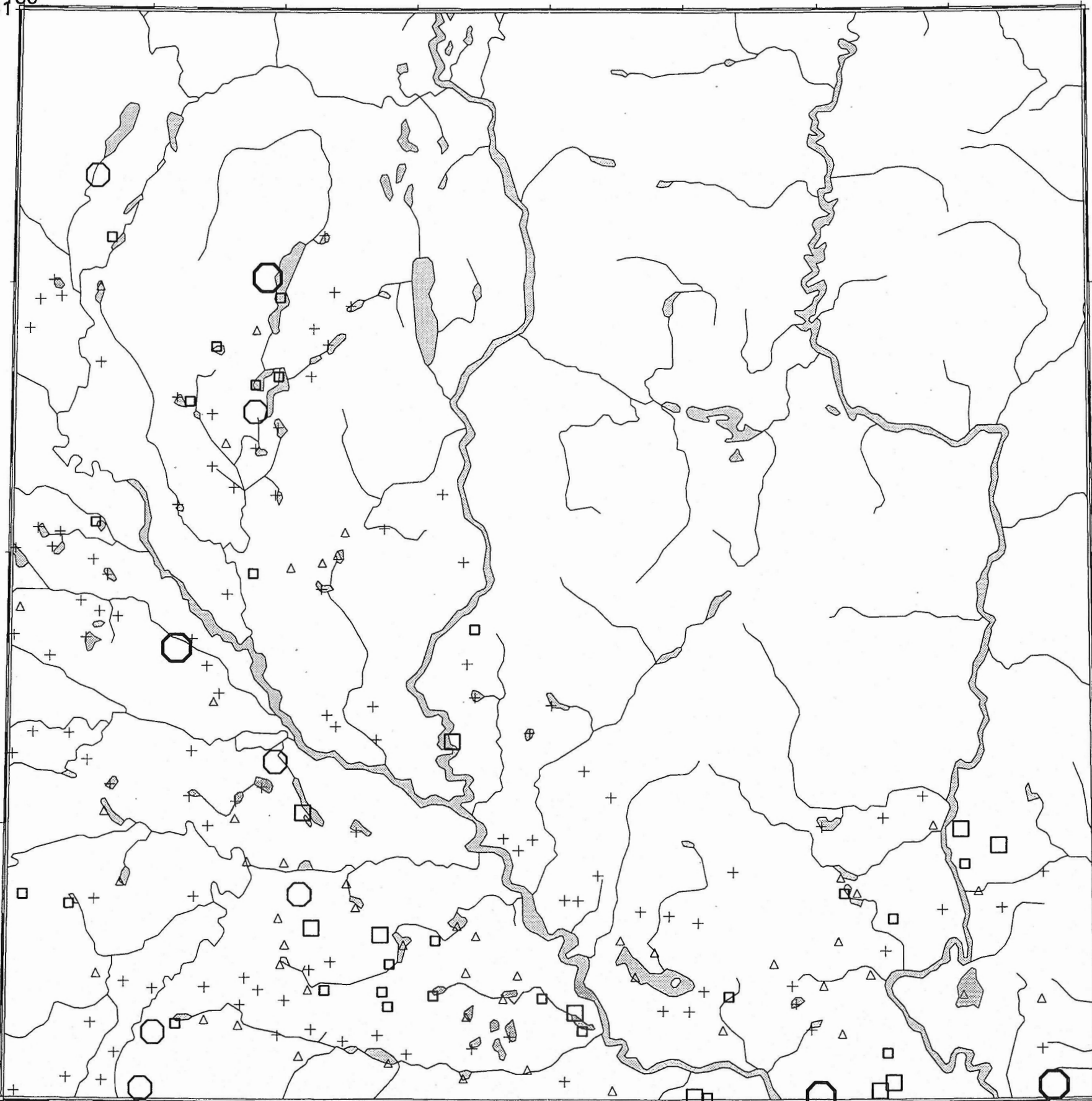


60

130

60

128



61 130

128

61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994


NTS 105A

pH-GCM

of
Lake Water

percentile

8.5 -  - Max

8.0 -  - 65

7.3 - + - 10

6.7 -  - 2

6.5 - - Min

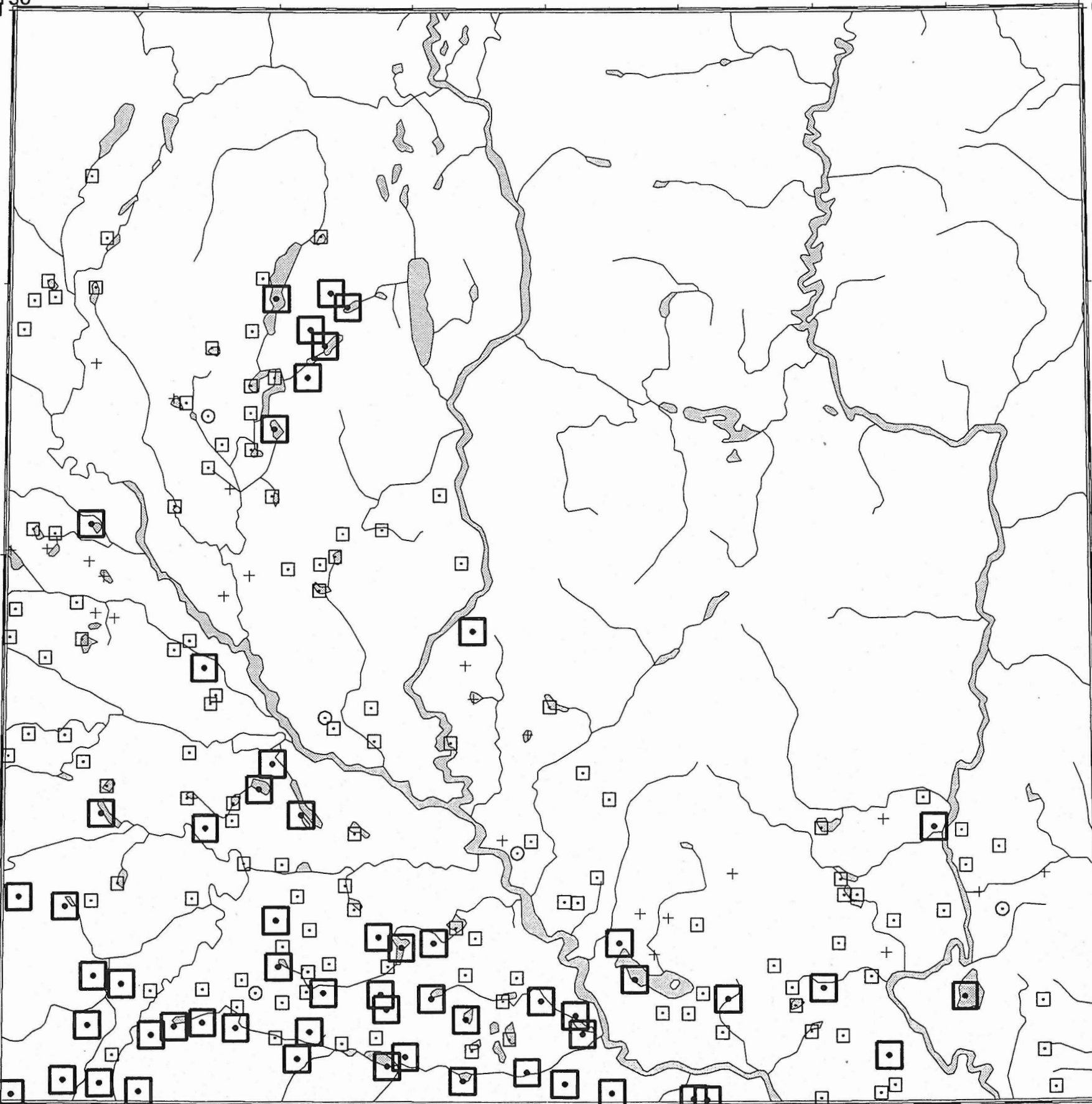
204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128



130
61

128
61

NATIONAL GEOCHEMICAL RECONNAISSANCE

G.S.C. Open File 2860

Yukon, 1994

NTS 105A

Uranium-LIF
in
Lake Water

ppb percentile

0.99 - - Max



0.72 - - 98



0.60 - - 95



0.52 - - 90



0.30 - - 75



0.12 - - 50



< detection - - Min

204 Samples

UTM Projection, Zone 9

Kilometres 10 0 10 Kilomètres

60
130

60
128

