



**GEOLOGICAL SURVEY OF CANADA
OPEN FILE 2118**

**SURFICIAL GEOLOGY AND TILL COMPOSITION
NORTHWESTERN MANITOBA**

APPENDIX C

**COMPUTER GENERATED COLOUR CONTOUR MAPS (APPMAP)
Au, As, Zn, Cu, Cr, Ni, Fe, Mn, U, Pb**

**C. A. Kaszycki
Geological Survey of Canada
Ottawa, Ontario
1989**

**Manitoba
Energy and Mines**



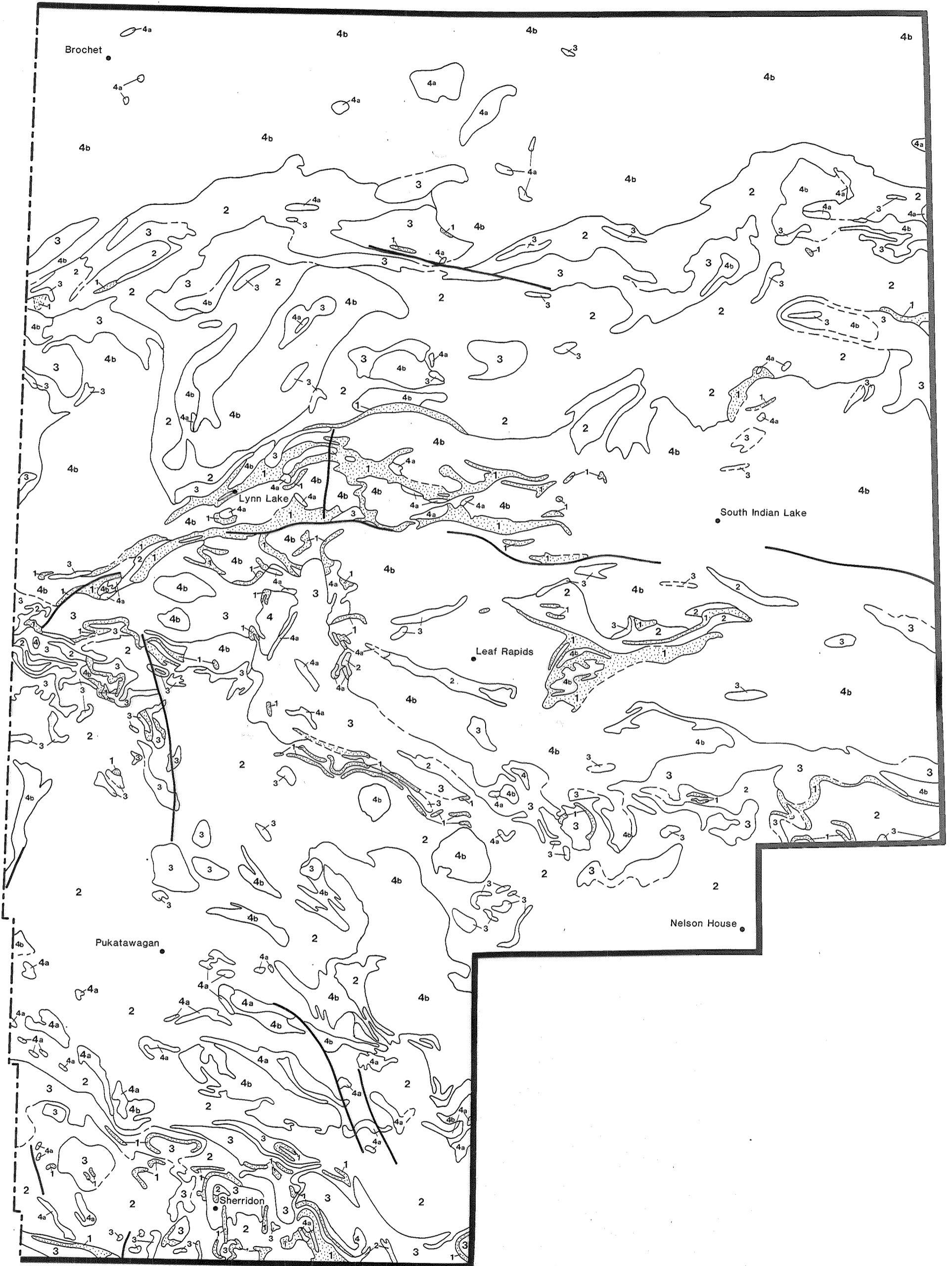
Contribution to Canada-Manitoba Mineral Development Agreement 1984-89, a subsidiary agreement under the Economic and Regional Development Agreement. Project funded by the Geological Survey of Canada.

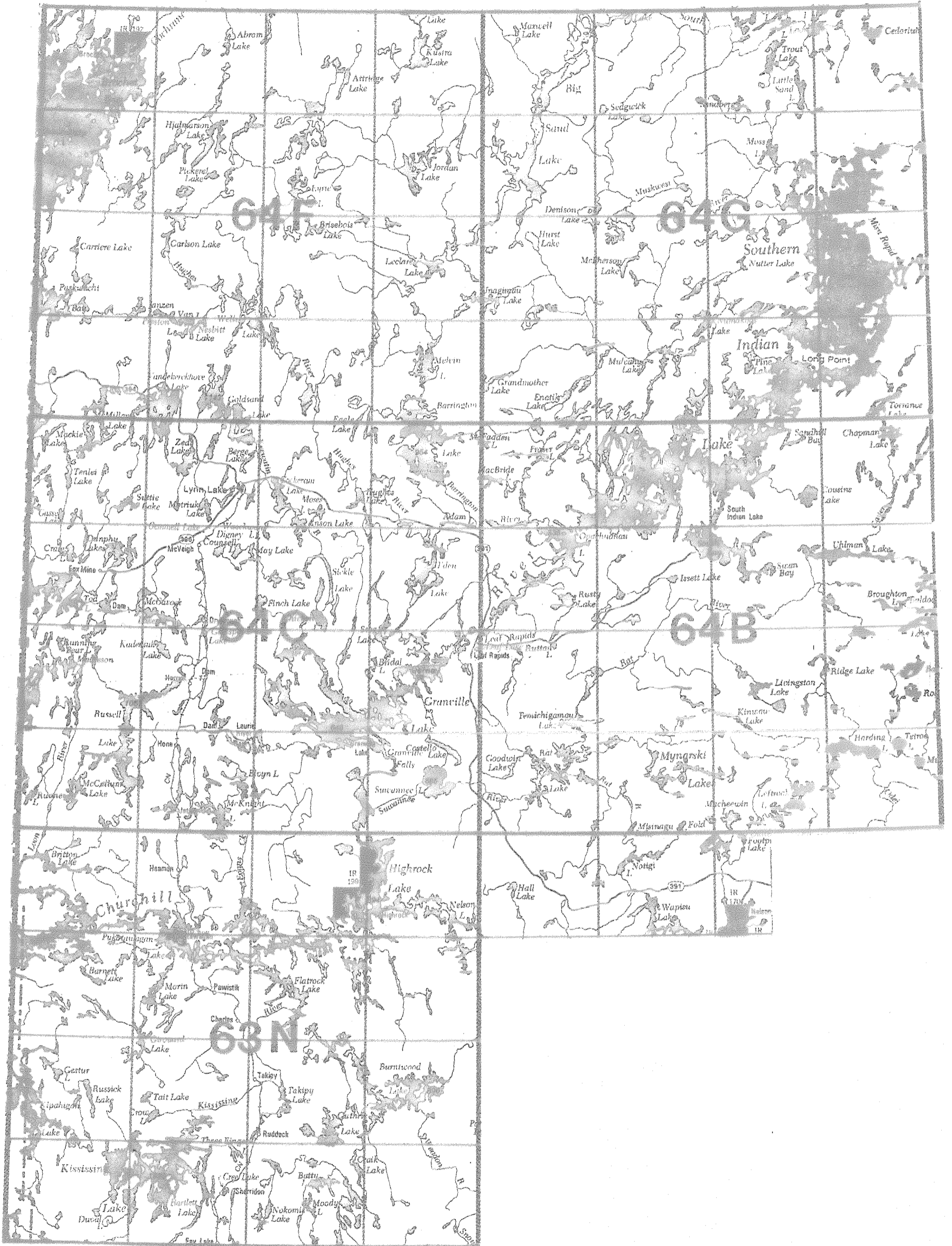


**Energy, Mines and
Resources Canada**

**Énergie, Mines et
Ressources Canada**

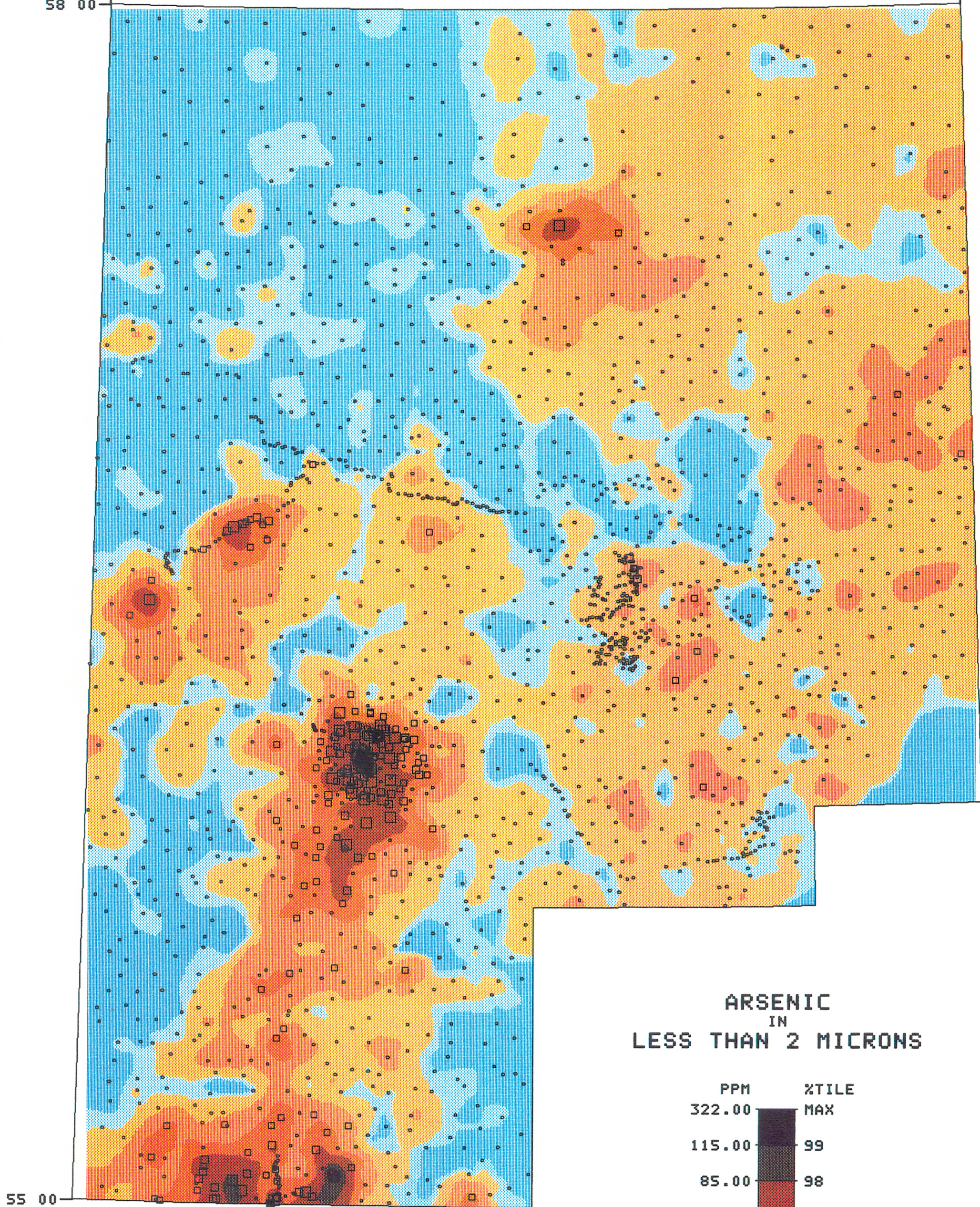
Canada



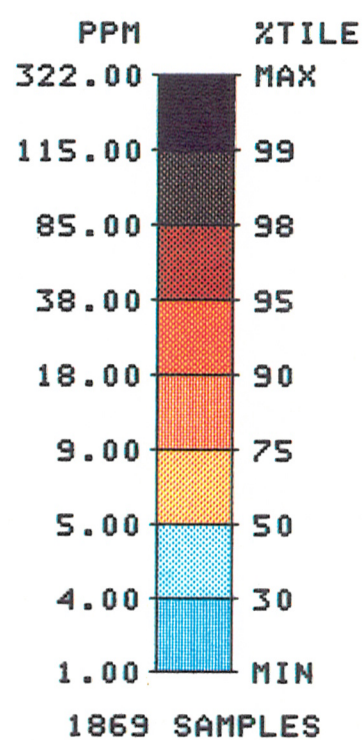


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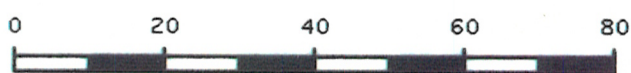


ARSENIC IN LESS THAN 2 MICRONS



AS (PPM)	
CONCENTRATION	PERCENTILES
85.01 TO 322.00	□ 98TH TO MAX.
38.01 TO 85.00	□ 95TH TO 98TH
18.01 TO 38.00	□ 90TH TO 95TH
1.00 TO 18.00	• MIN. TO 90TH

1869 SAMPLES

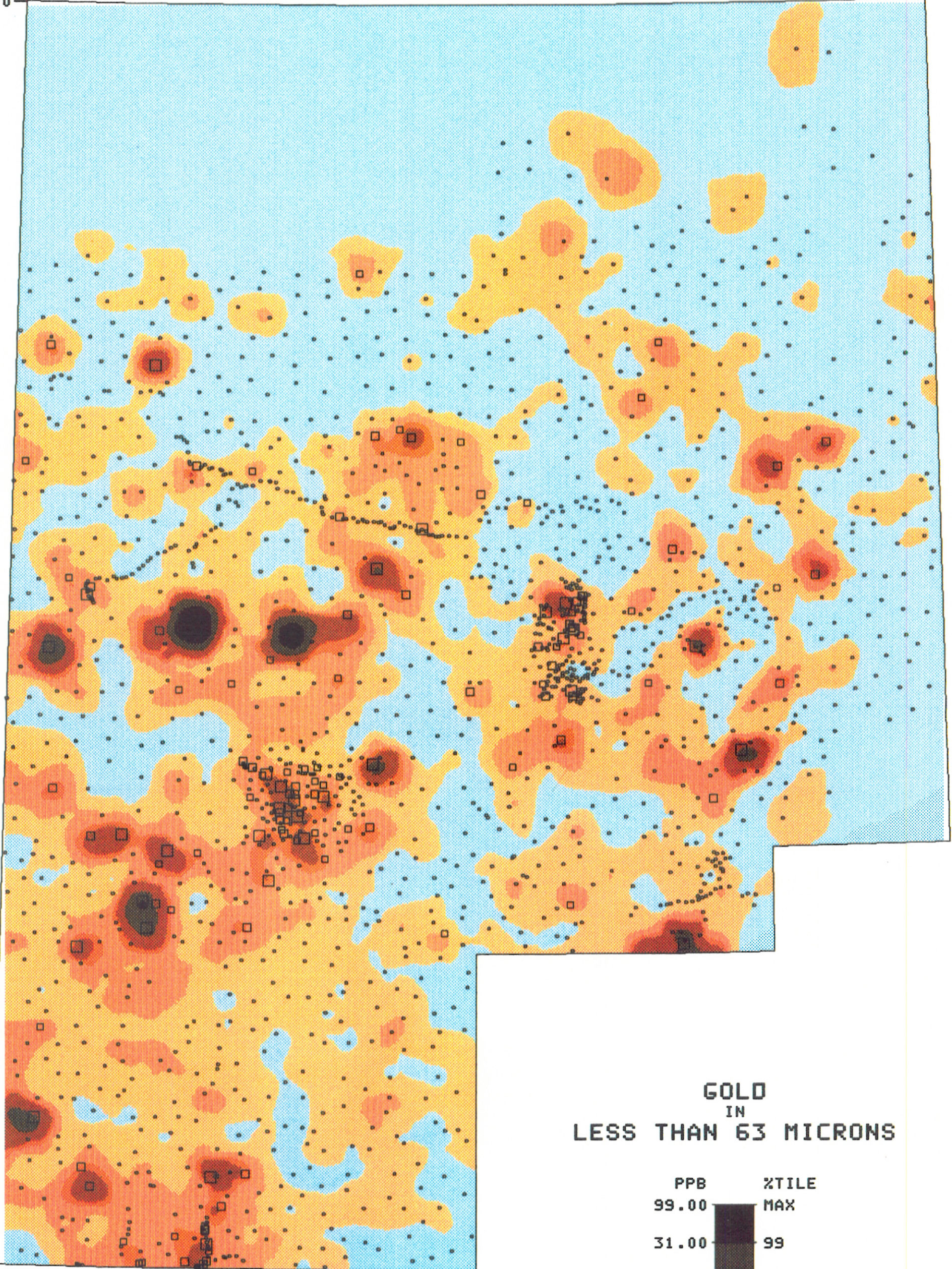


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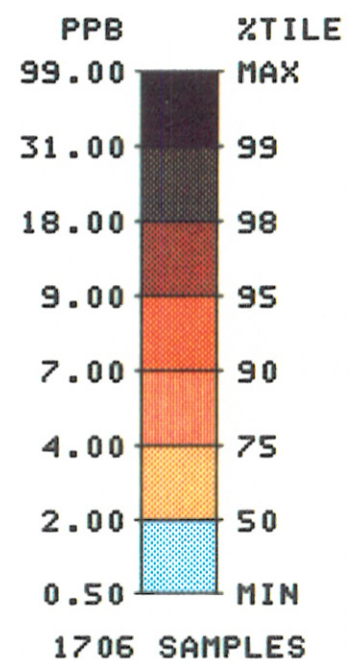
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98 00



GOLD IN LESS THAN 63 MICRONS



AU (PPB)	
CONCENTRATION	PERCENTILES
18.01 TO 99.00	□ 98TH TO MAX.
9.01 TO 18.00	□ 95TH TO 98TH
7.01 TO 9.00	□ 90TH TO 95TH
.50 TO 7.00	• MIN. TO 90TH

1706 SAMPLES

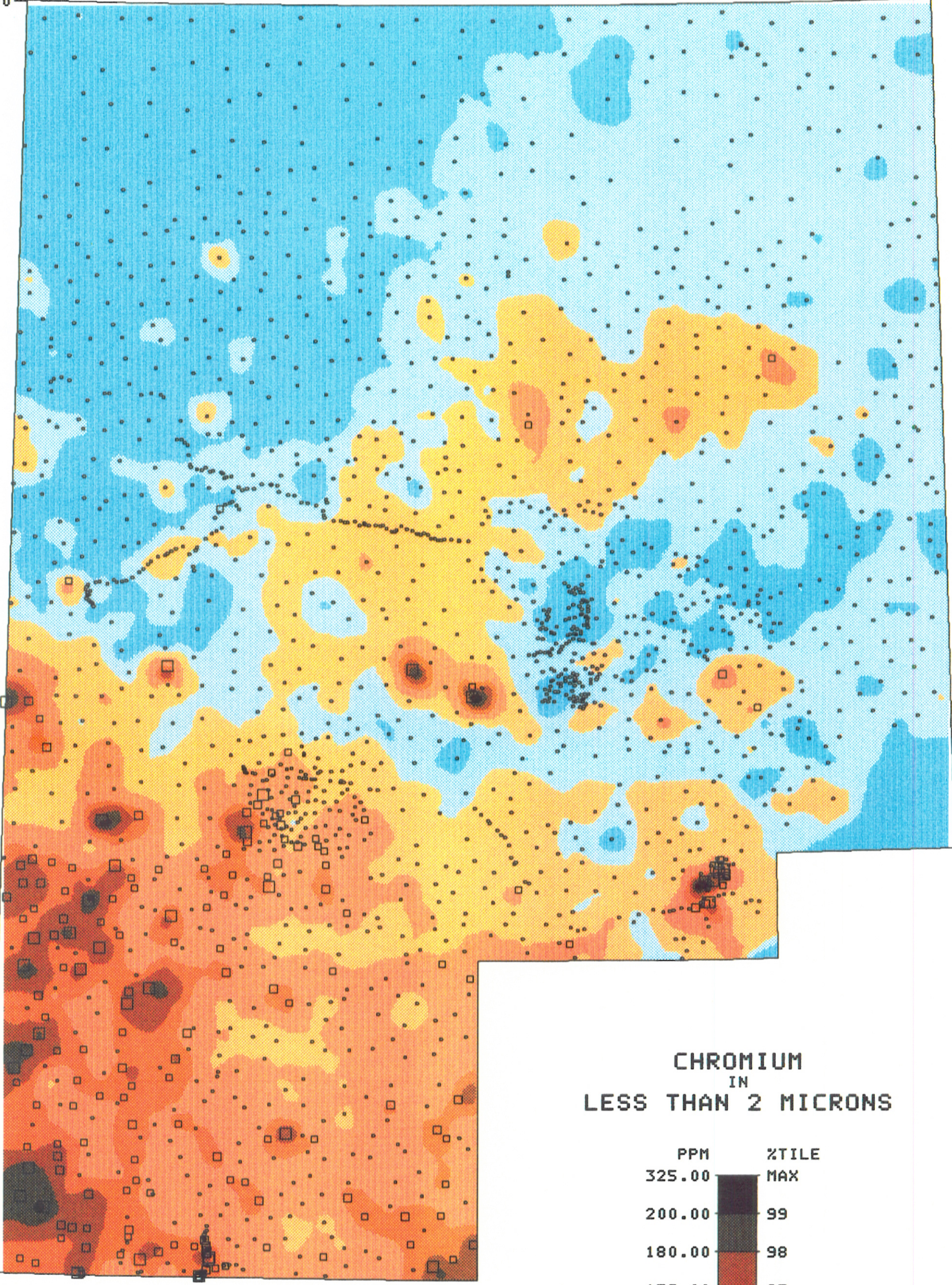


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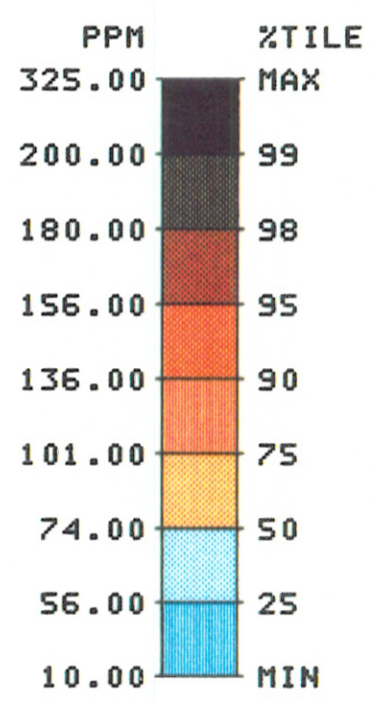
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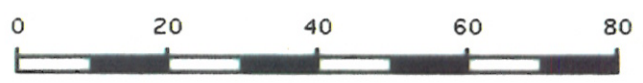
**CHROMIUM
IN
LESS THAN 2 MICRONS**



CR (PPM)

CONCENTRATION	PERCENTILES
180.01 TO 325.00	□ 98TH TO MAX.
156.01 TO 180.00	□ 95TH TO 98TH
136.01 TO 156.00	□ 90TH TO 95TH
10.00 TO 136.00	• MIN. TO 90TH

1886 SAMPLES



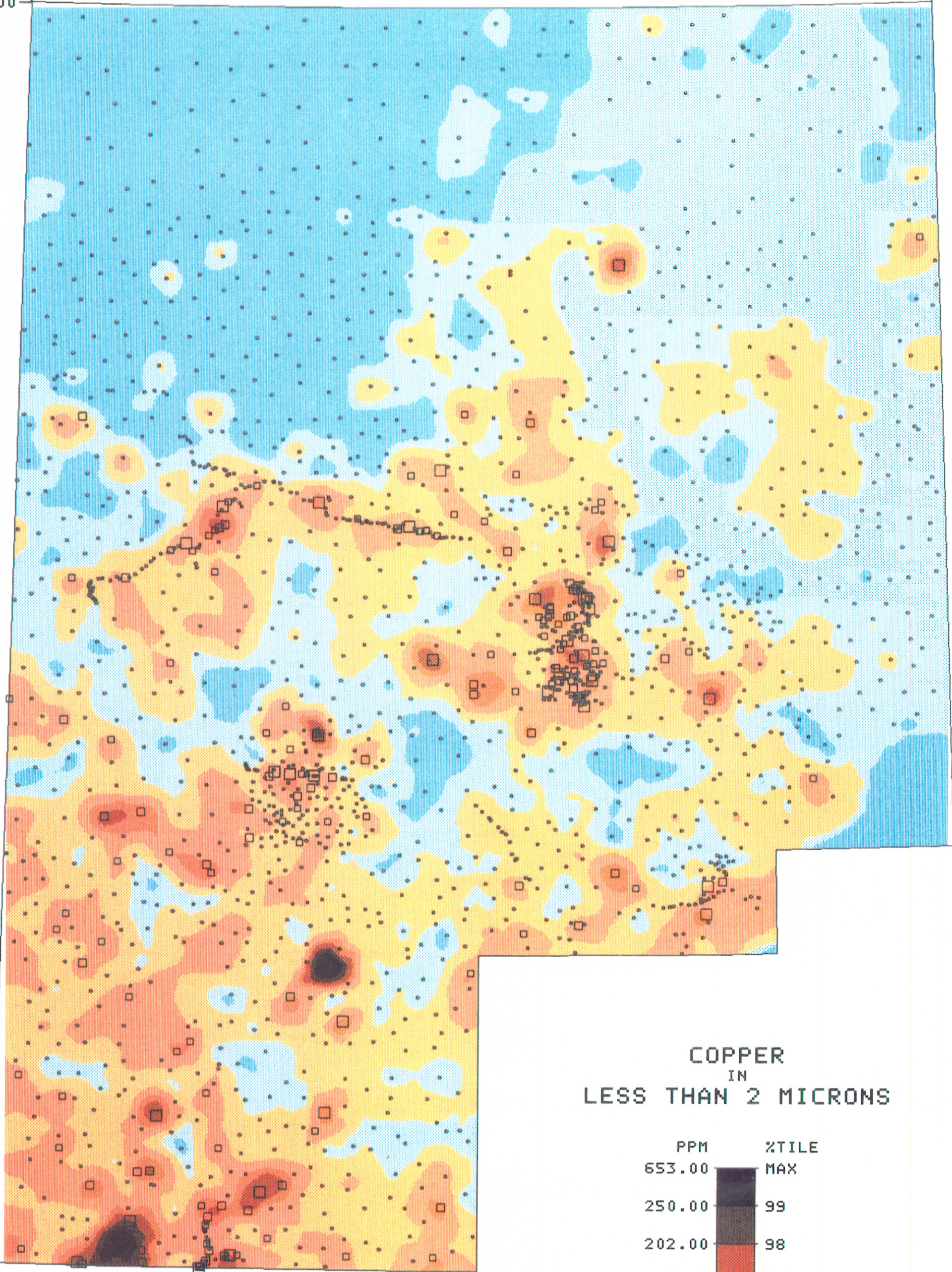
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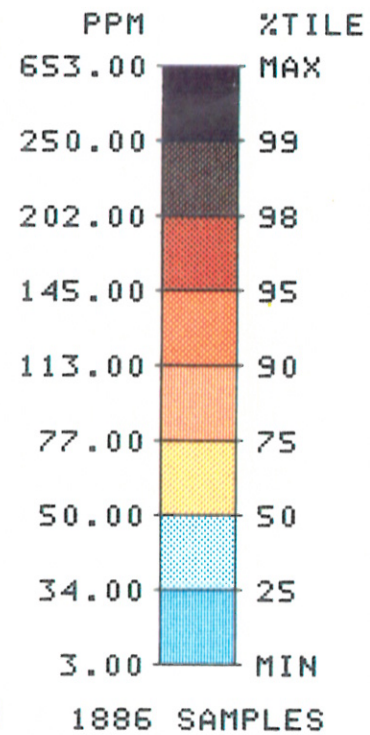
1886 SAMPLES

102 00
58 00

98 00



COPPER
IN
LESS THAN 2 MICRONS



CU (PPM)	
CONCENTRATION	PERCENTILES
202.01 TO 653.00	□ 98TH TO MAX.
145.01 TO 202.00	□ 95TH TO 98TH
113.01 TO 145.00	□ 90TH TO 95TH
3.00 TO 113.00	• MIN. TO 90TH

1886 SAMPLES

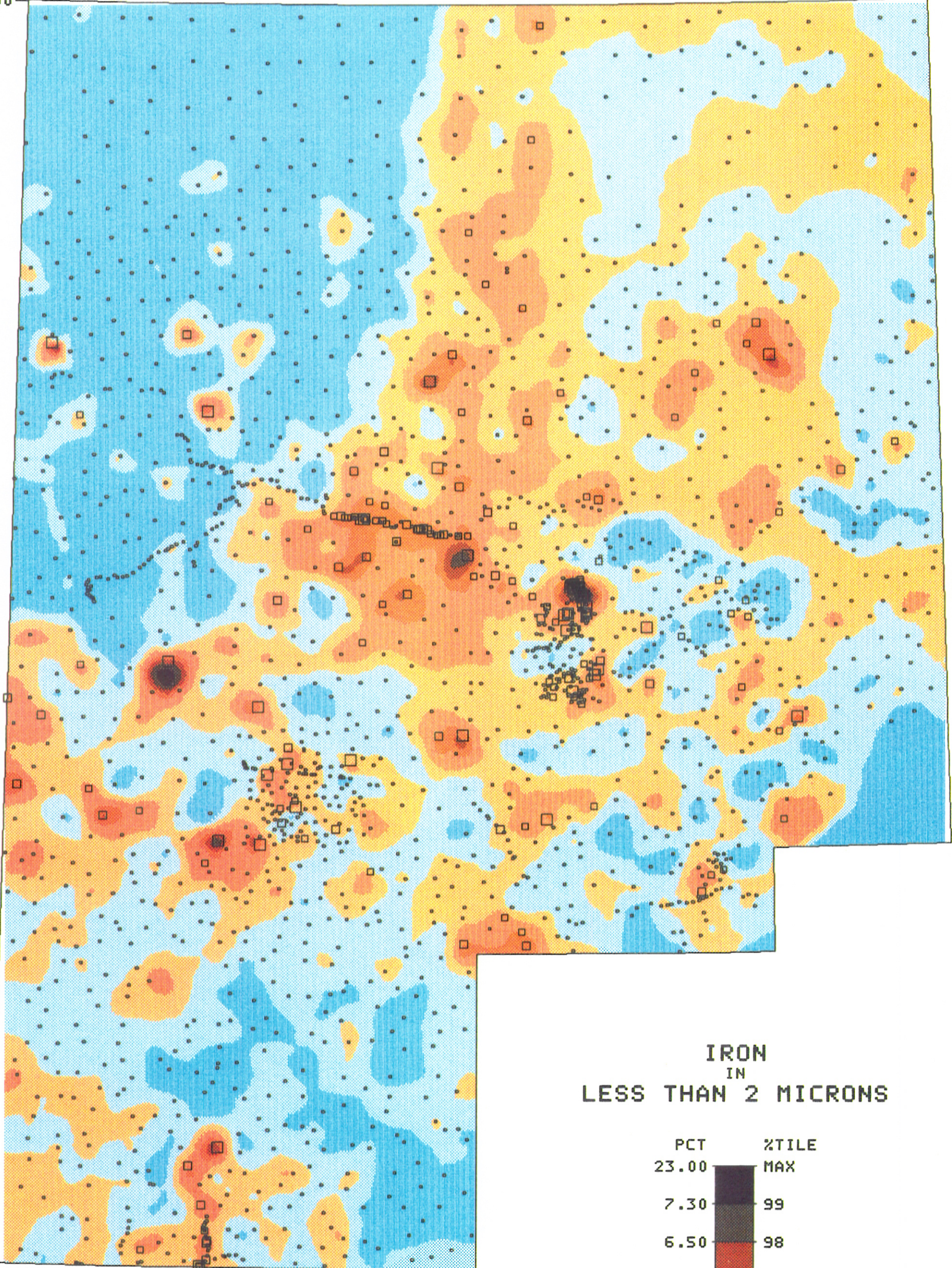


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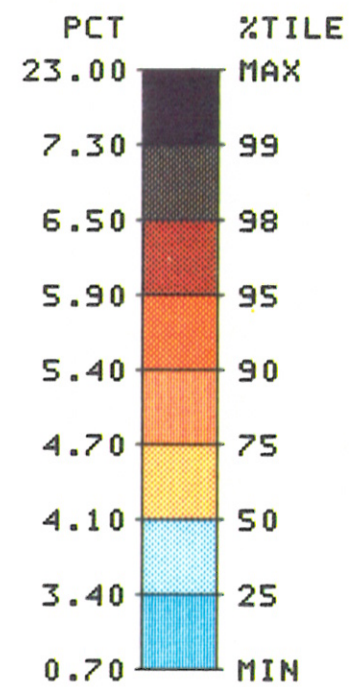
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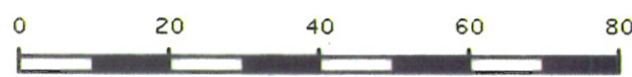
IRON IN LESS THAN 2 MICRONS



1886 SAMPLES

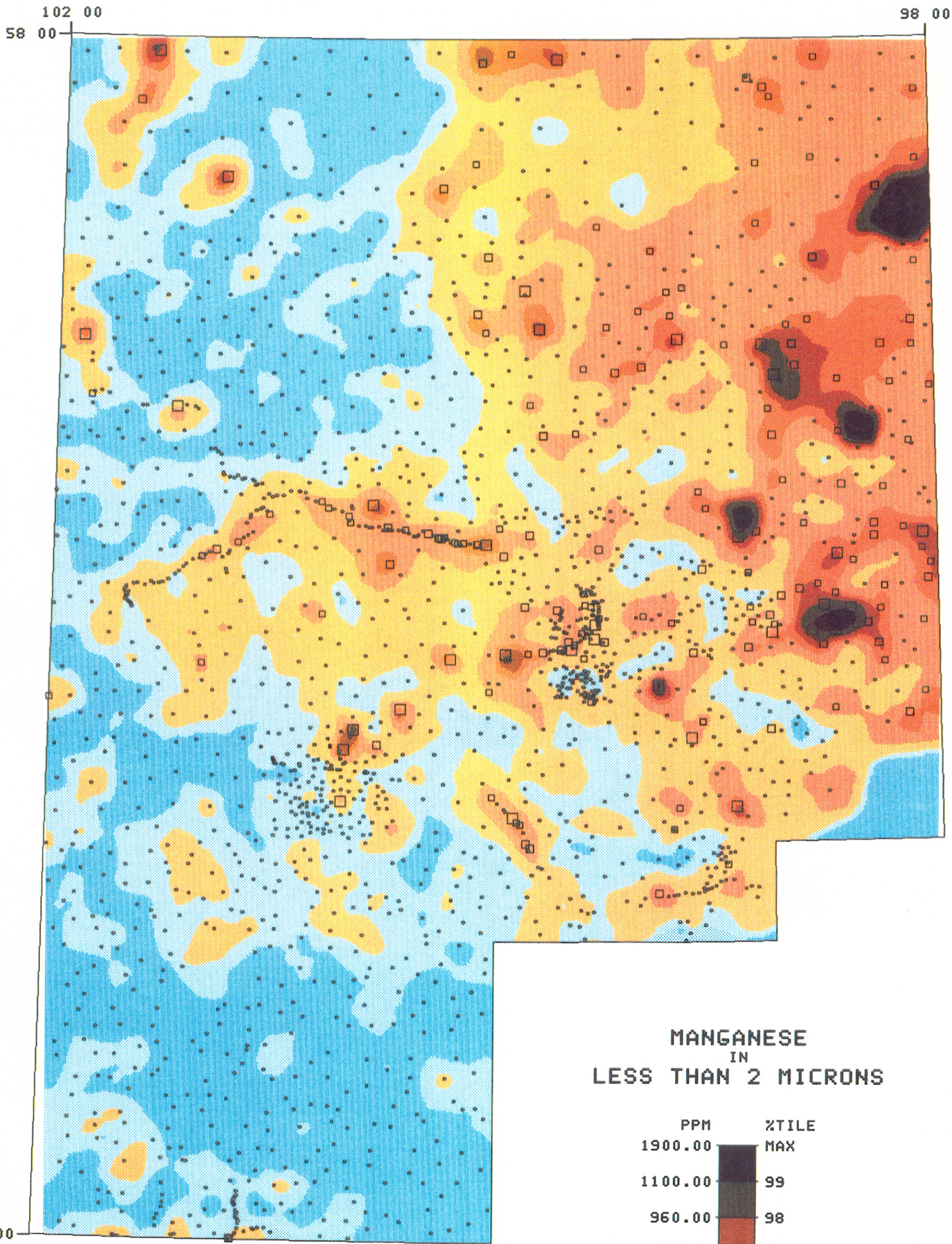
FE (PCT)	
CONCENTRATION	PERCENTILES
6.51 TO 23.00	□ 98TH TO MAX.
5.91 TO 6.50	□ 95TH TO 98TH
5.41 TO 5.90	□ 90TH TO 95TH
.70 TO 5.40	• MIN. TO 90TH

1886 SAMPLES

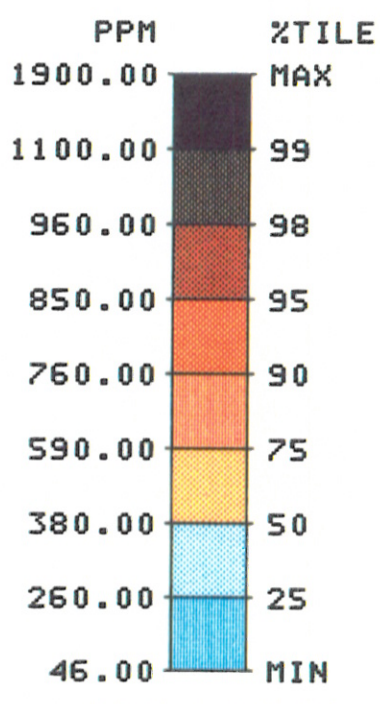


KILOMETRES

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**MANGANESE
IN
LESS THAN 2 MICRONS**



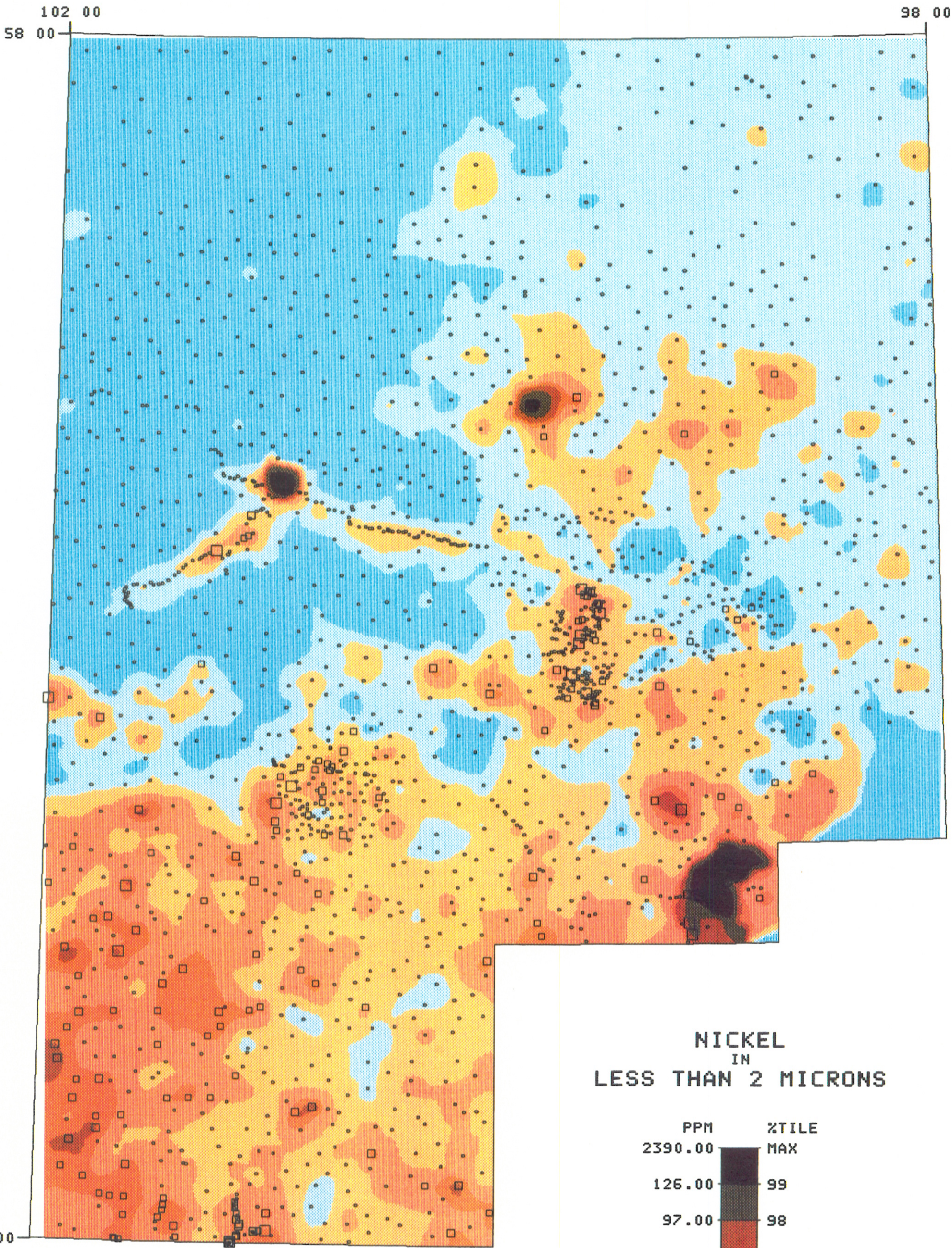
MN (PPM)

CONCENTRATION	PERCENTILES
960.01 TO 1900.00	□ 98TH TO MAX.
850.01 TO 960.00	□ 95TH TO 98TH
760.01 TO 850.00	□ 90TH TO 95TH
46.00 TO 760.00	• MIN. TO 90TH

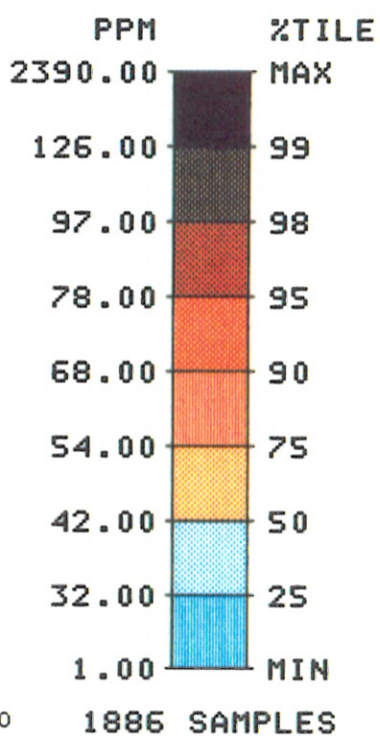
1886 SAMPLES



KILOMETRES



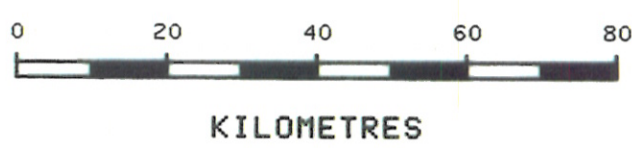
**NICKEL
IN
LESS THAN 2 MICRONS**



NI (PPM)

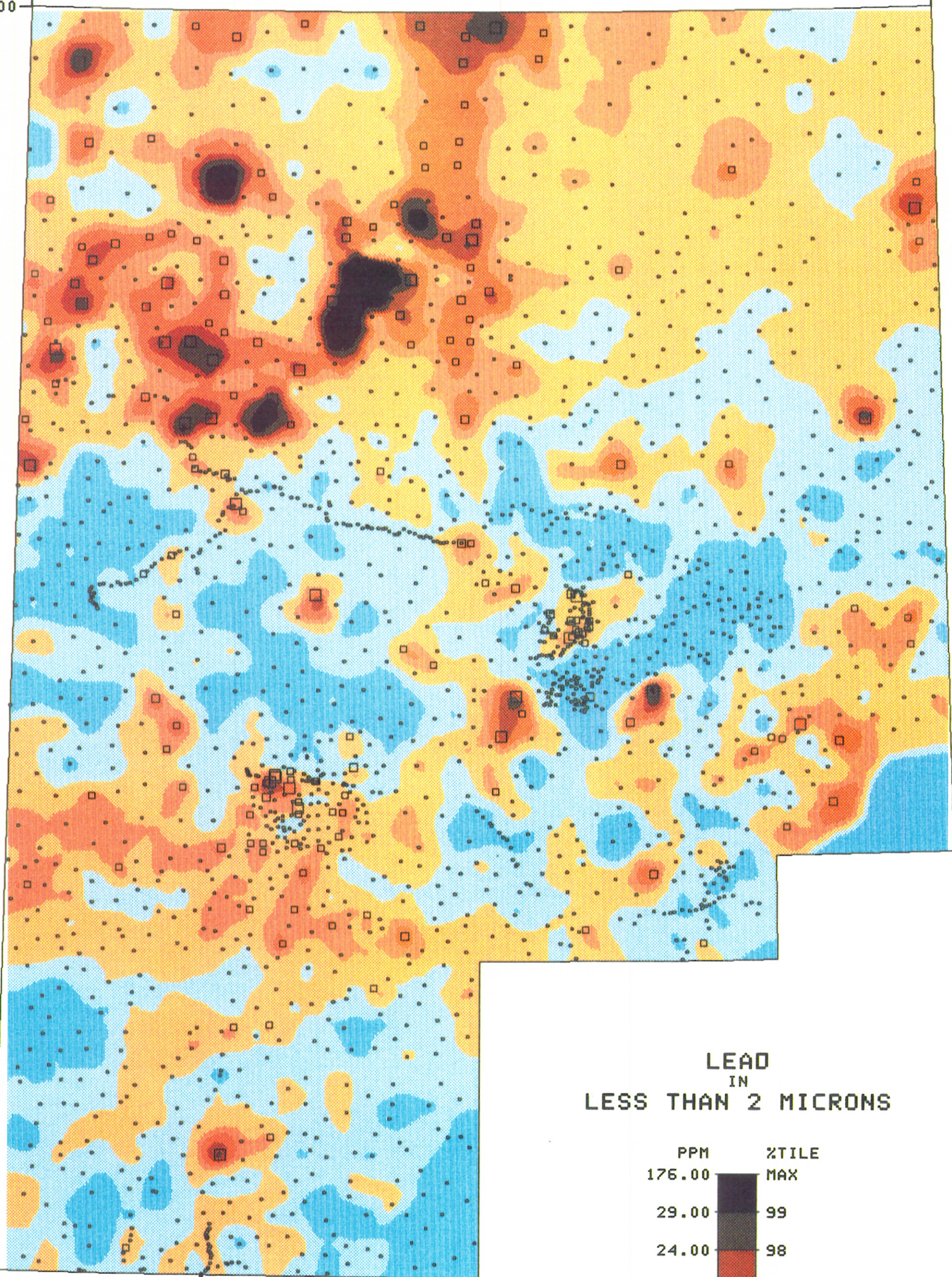
CONCENTRATION	PERCENTILES
97.01 TO 2390.00	□ 98TH TO MAX.
78.01 TO 97.00	□ 95TH TO 98TH
68.01 TO 78.00	□ 90TH TO 95TH
1.00 TO 68.00	• MIN. TO 90TH

1886 SAMPLES

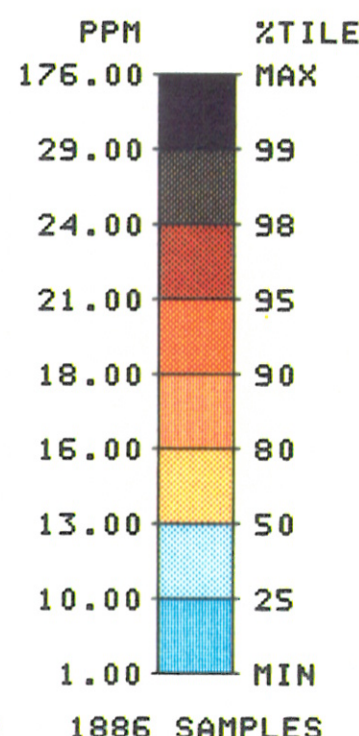


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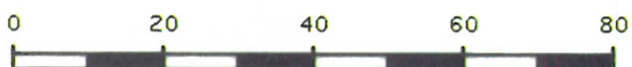
**LEAD
IN
LESS THAN 2 MICRONS**



PB (PPM)

CONCENTRATION	PERCENTILES
24.01 TO 176.00	□ 98TH TO MAX.
21.01 TO 24.00	□ 95TH TO 98TH
18.01 TO 21.00	□ 90TH TO 95TH
1.00 TO 18.00	• MIN. TO 90TH

1886 SAMPLES

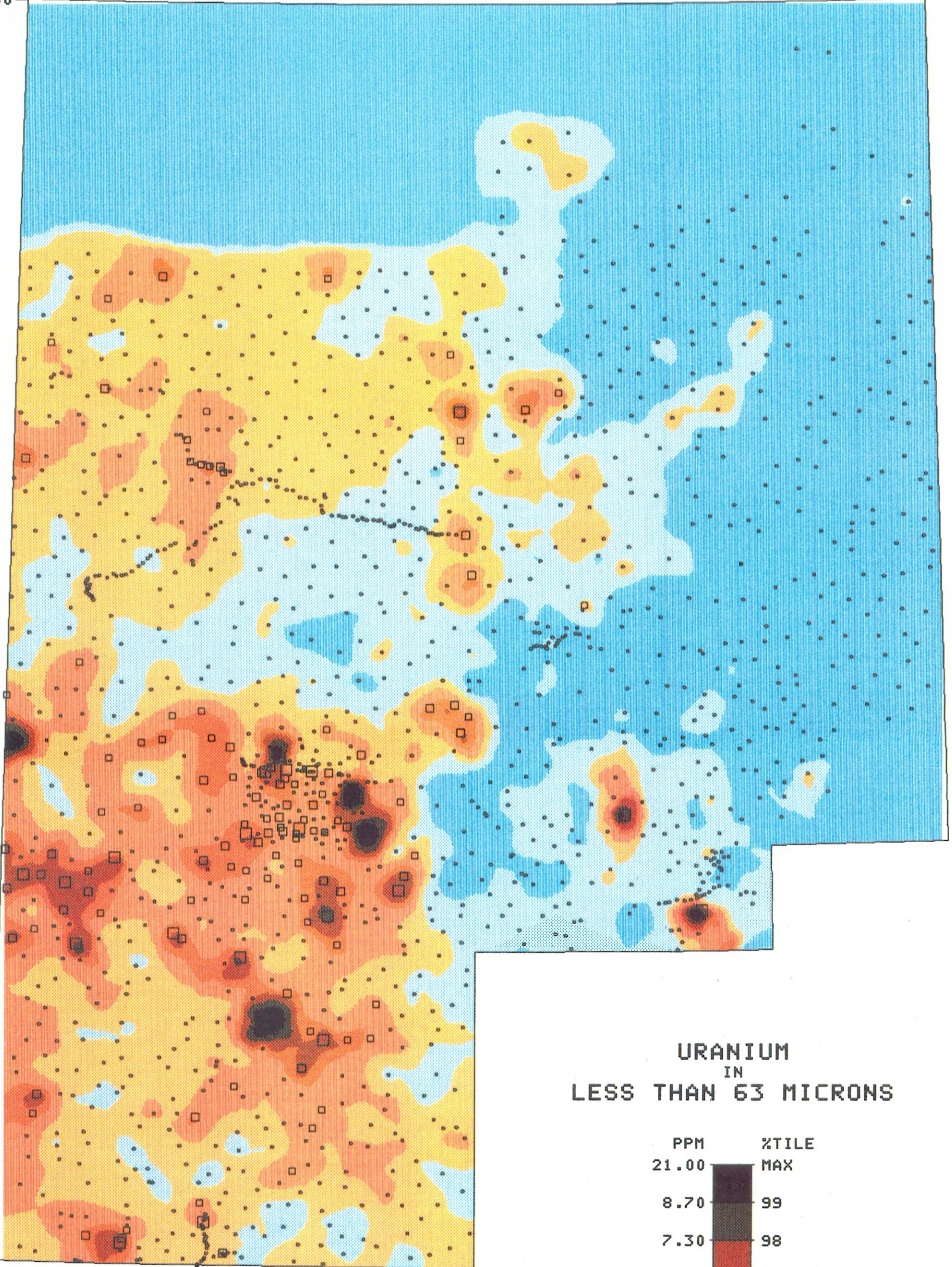


KILOMETRES

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102 00
58 00

98 00



U (PPM)

CONCENTRATION	PERCENTILES
7.31 TO 21.00	□ 98TH TO MAX.
6.01 TO 7.30	□ 95TH TO 98TH
5.31 TO 6.00	□ 90TH TO 95TH
.90 TO 5.30	• MIN. TO 90TH

1452 SAMPLES

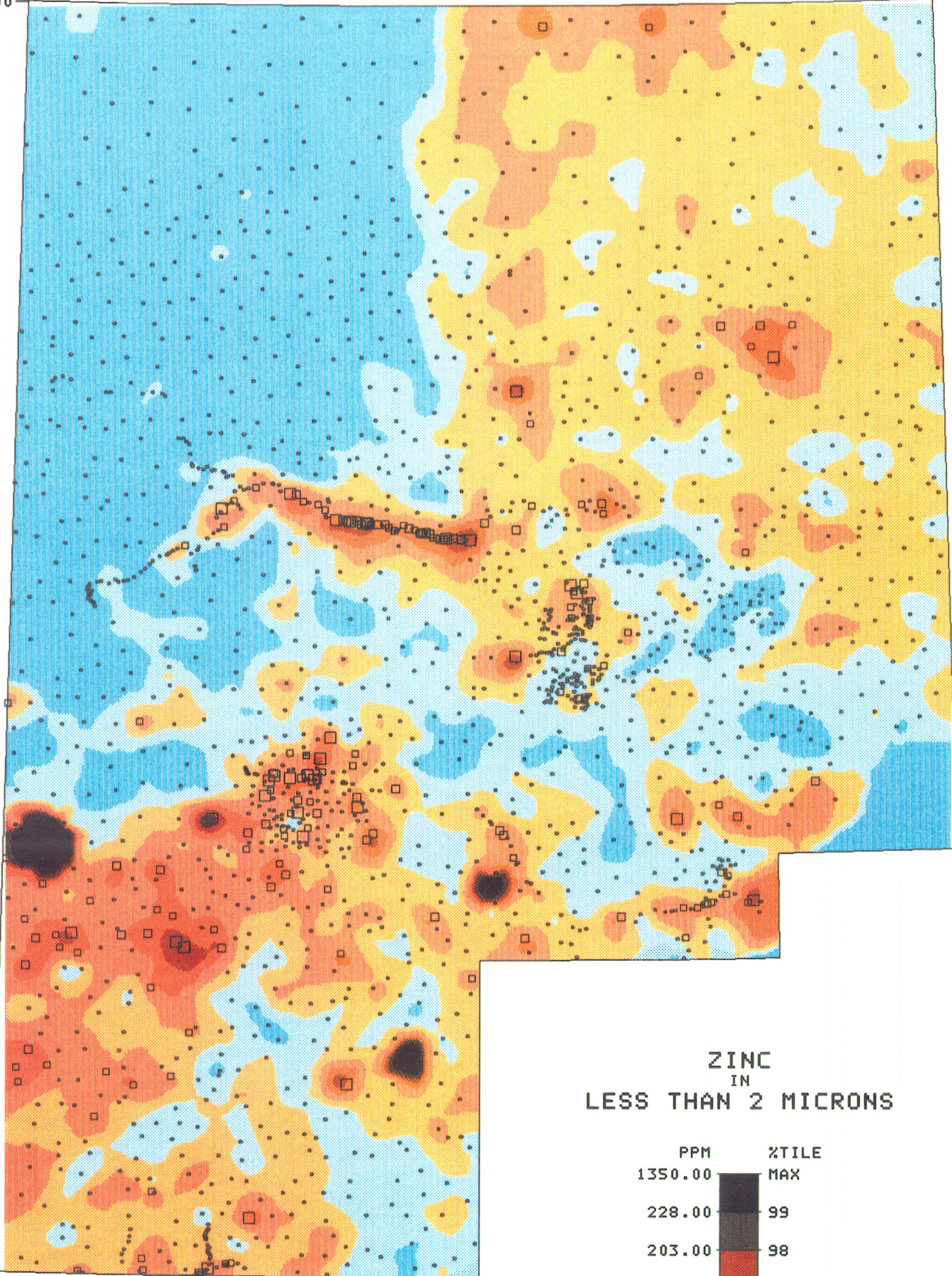
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KILOMETRES

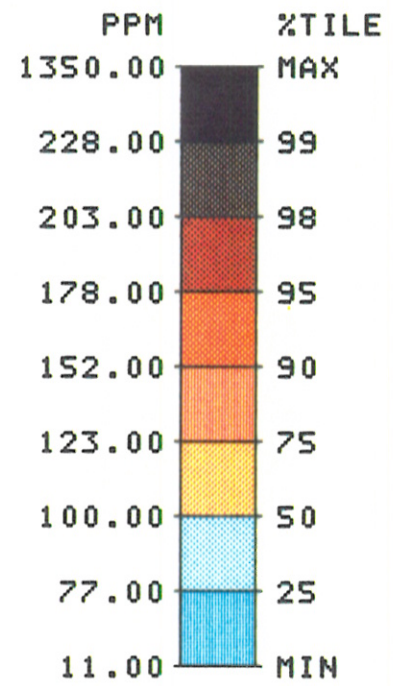
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102 00
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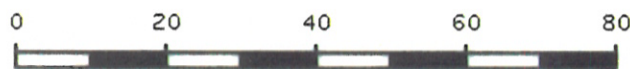
ZINC
IN
LESS THAN 2 MICRONS



ZN (PPM)

CONCENTRATION	PERCENTILES
203.01 TO 1350.00	□ 98TH TO MAX.
178.01 TO 203.00	□ 95TH TO 98TH
152.01 TO 178.00	□ 90TH TO 95TH
11.00 TO 152.00	• MIN. TO 90TH

1886 SAMPLES



KILOMETRES

1886 SAMPLES

55 00