

THEMATIC MAP SERIES

Regional Geoscience Compilations

Thematic Map Series 94/2 (part B)

Regional compilations of
geoscience data from the
Paamiut-Buksefjorden area,
southern West and
South-West Greenland



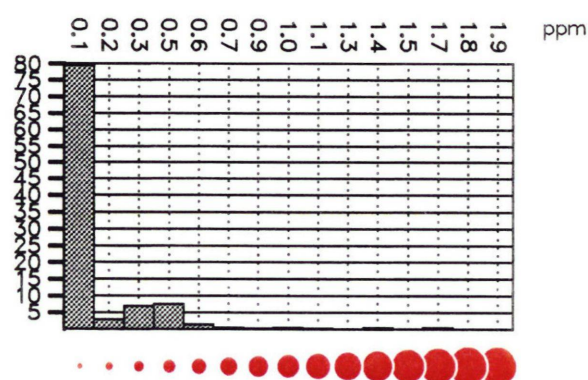
GRØNLANDS GEOLOGISKE UNDERSØGELSE
Kalaallit Nunaanni Ujarassiortut Misissuisoqarfiat
GEOLOGICAL SURVEY OF GREENLAND

GEOCHEMICAL MAP: Sb IN STREAM SEDIMENT

Paamiut - Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Sb ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0.0
Max. value:	8.4
Mean:	0.1
Median:	0.0
Variance:	0.3
Std. Dev.:	0.6

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

mineralogical sediment from stream bed or bank as composite of 3-10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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The Geological Survey of Greenland

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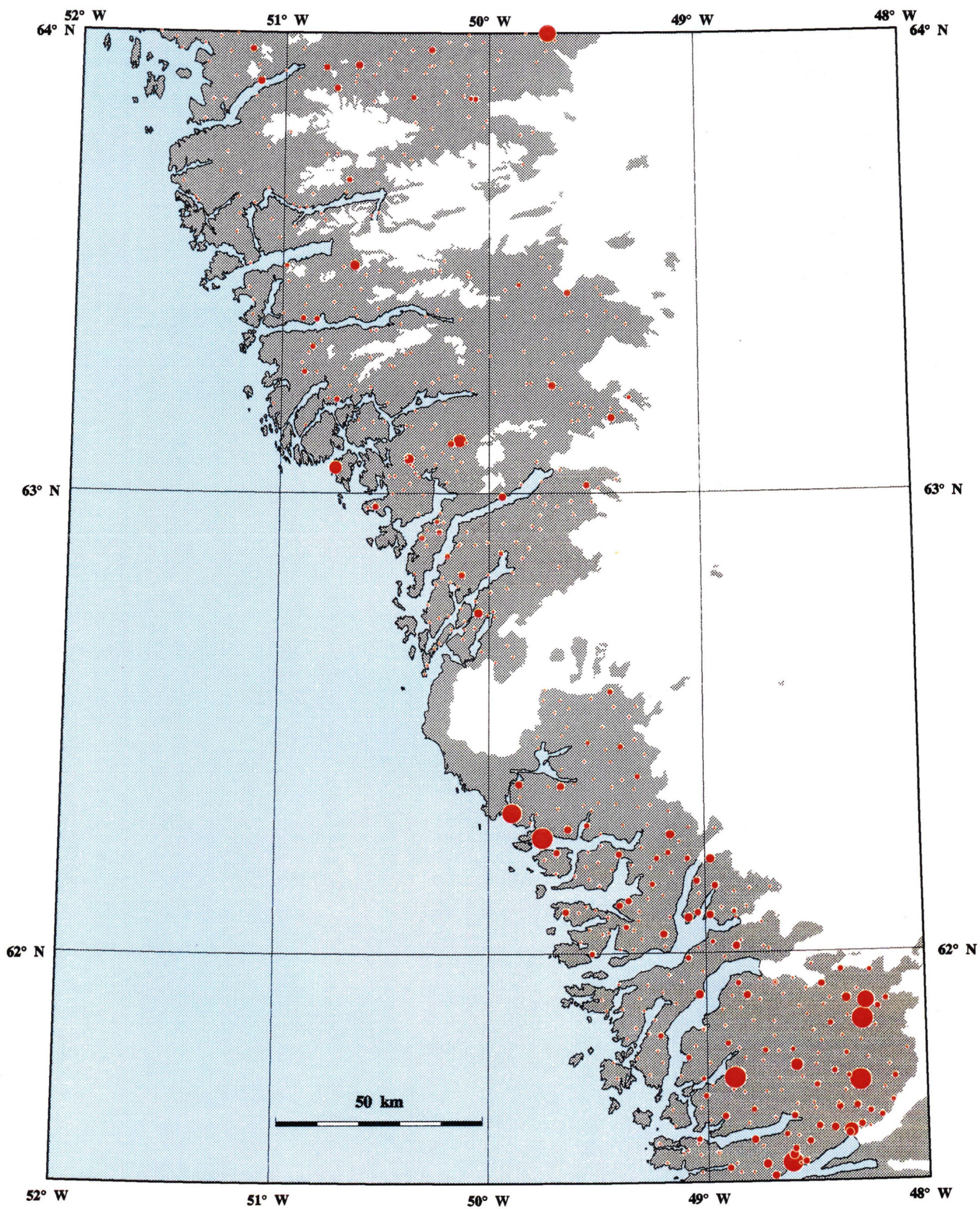




GEOCHEMICAL MAP: Sb IN STREAM SEDIMENT

94/2-221 Paamiut - Buksefjorden

01 - DEC - 94

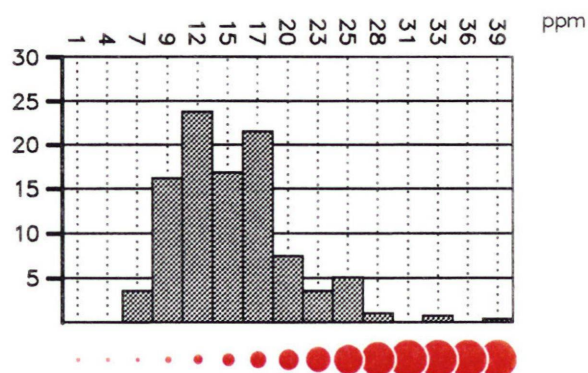


GEOCHEMICAL MAP: Sc IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Sc ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	6
Max. value:	45
Mean:	15
Median:	14
Variance:	28
Std. Dev.:	5

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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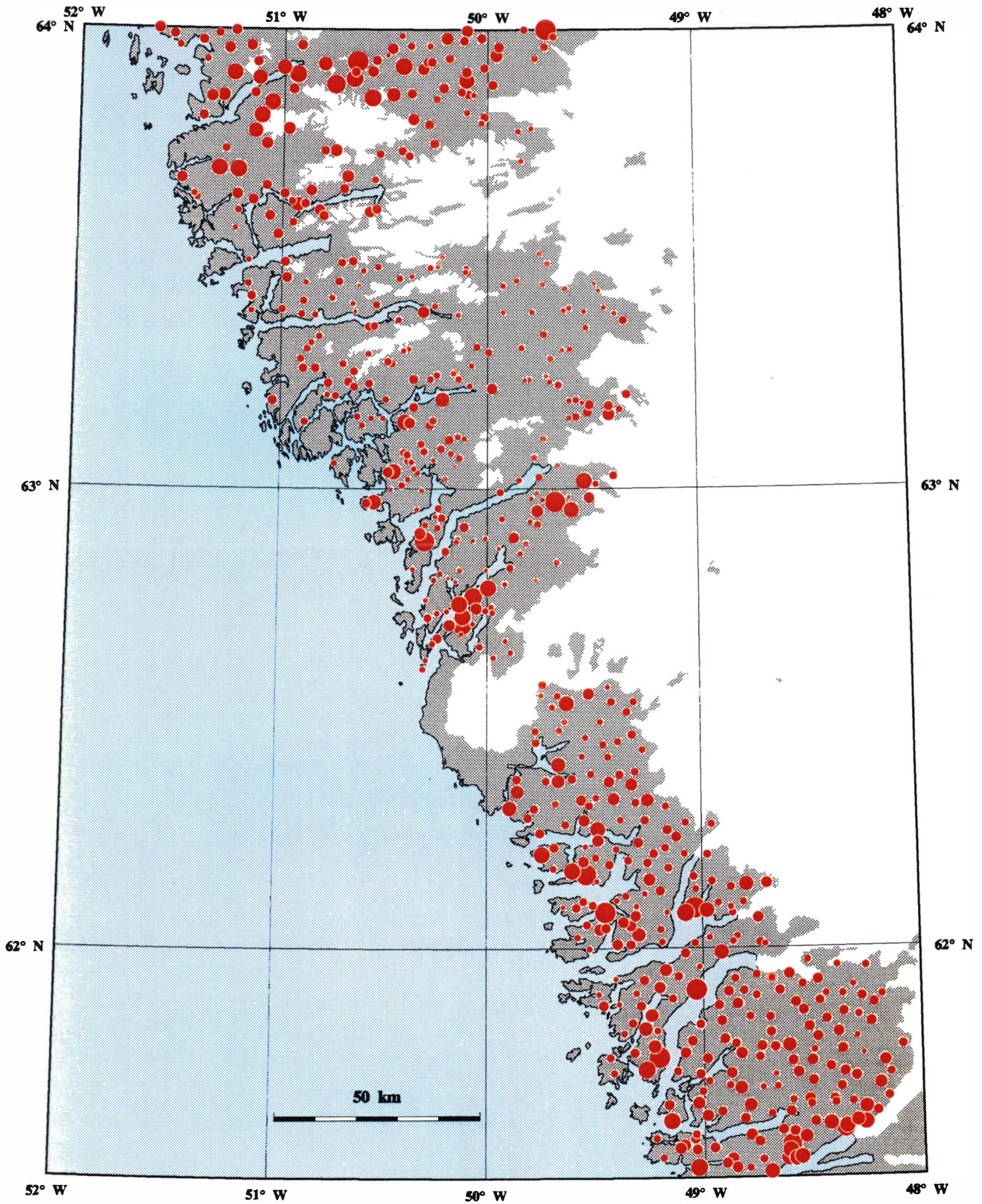




GEOCHEMICAL MAP: Sc IN STREAM SEDIMENT

94/2-222 Paamiut - Buksefjorden

01 - DEC - 94

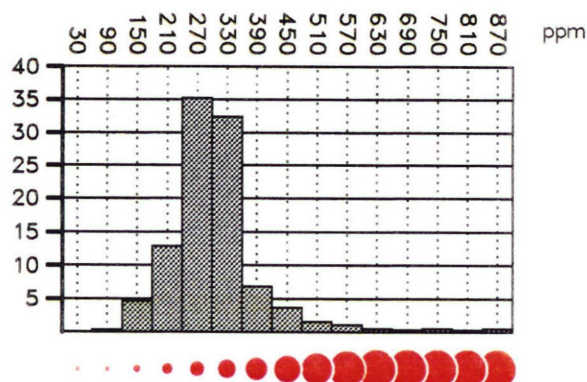


GEOCHEMICAL MAP: Sr IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Sr ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	471
Min. value:	103
Max. value:	1808
Mean:	310
Median:	295
Variance:	14848
Std. Dev.:	122

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: XRF at GGU

1993 survey: XRF at GGU

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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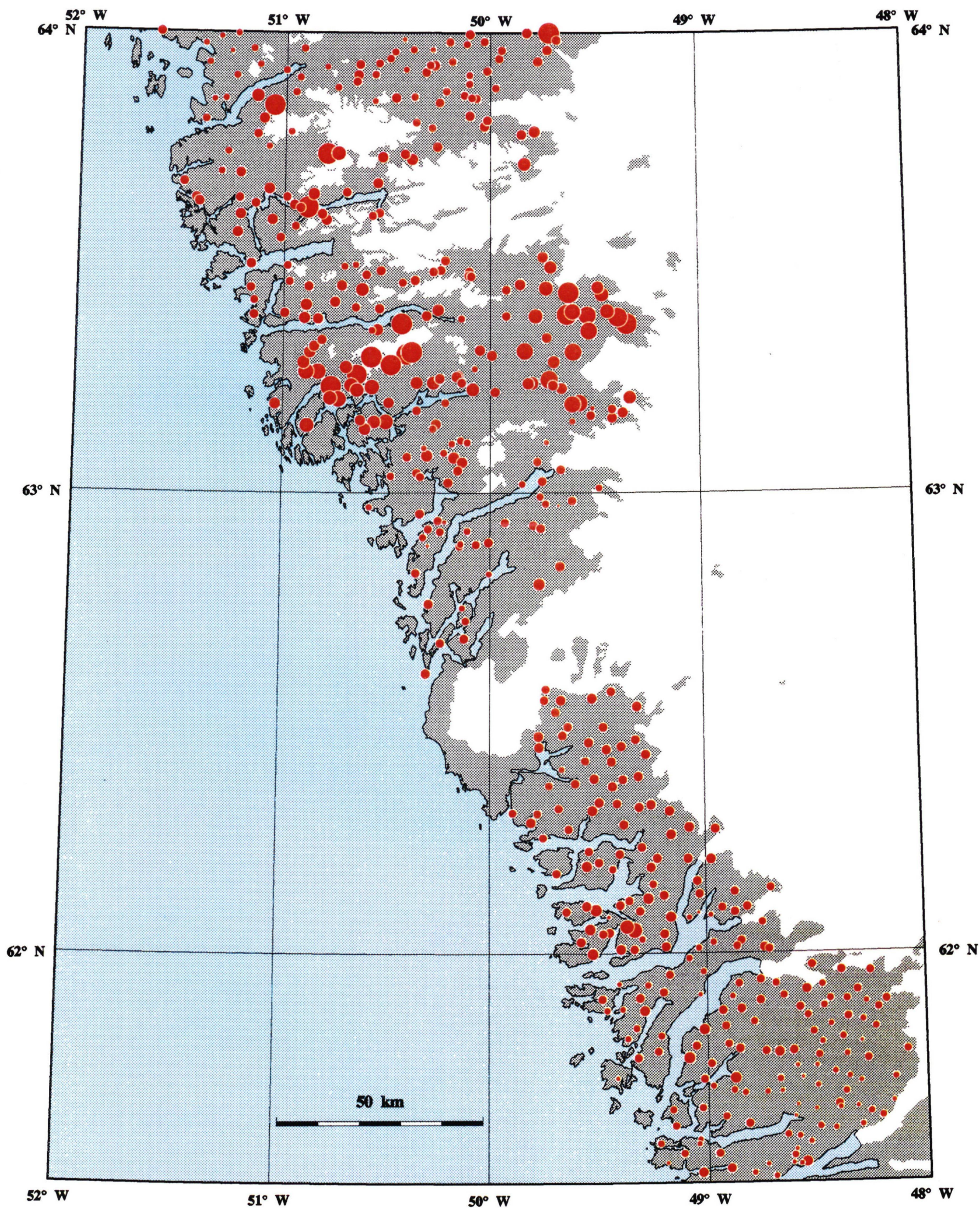




GEOCHEMICAL MAP: Sr IN STREAM SEDIMENT

94/2-223 Paamiut - Buksefjorden

01 - DEC - 94

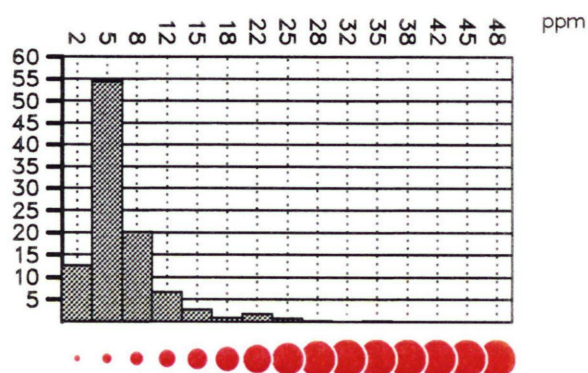


GEOCHEMICAL MAP: Th IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Th ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	1
Max. value:	130
Mean:	7
Median:	6
Variance:	52
Std. Dev.:	7

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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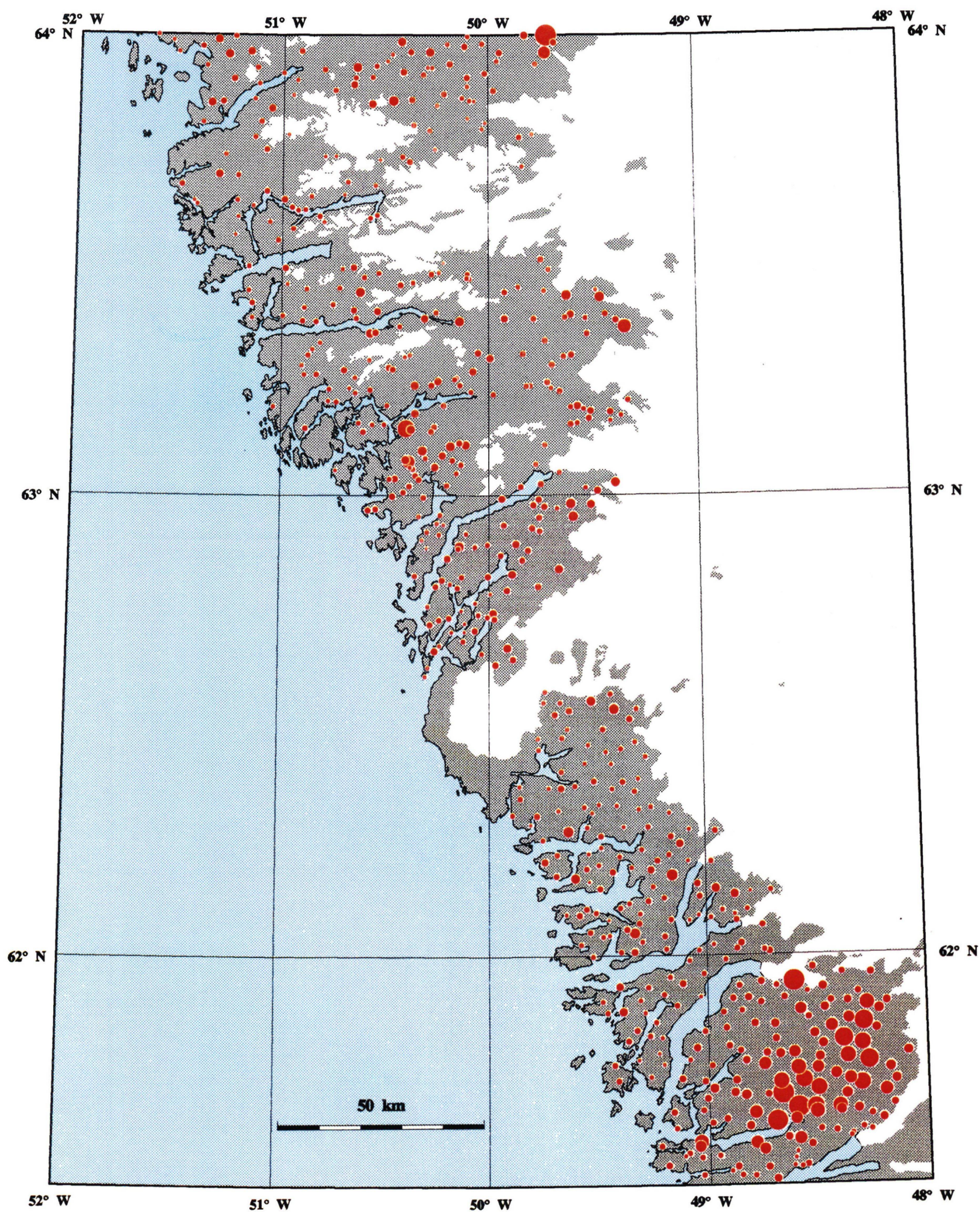




GEOCHEMICAL MAP: Th IN STREAM SEDIMENT

94/2-224 Paamiut - Buksefjorden

011DE0-84C - 9 4

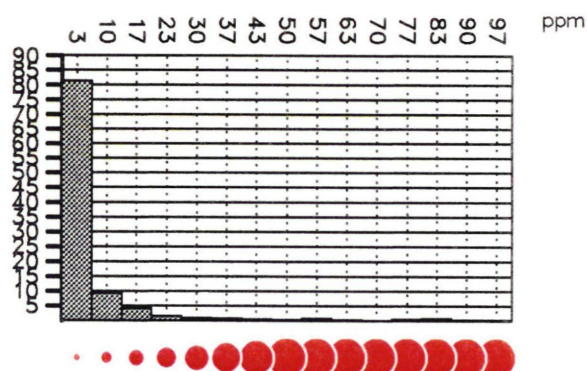


GEOCHEMICAL MAP: U IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



U ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0
Max. value:	240
Mean:	7
Median:	2
Variance:	405
Std. Dev.:	20

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

mineralogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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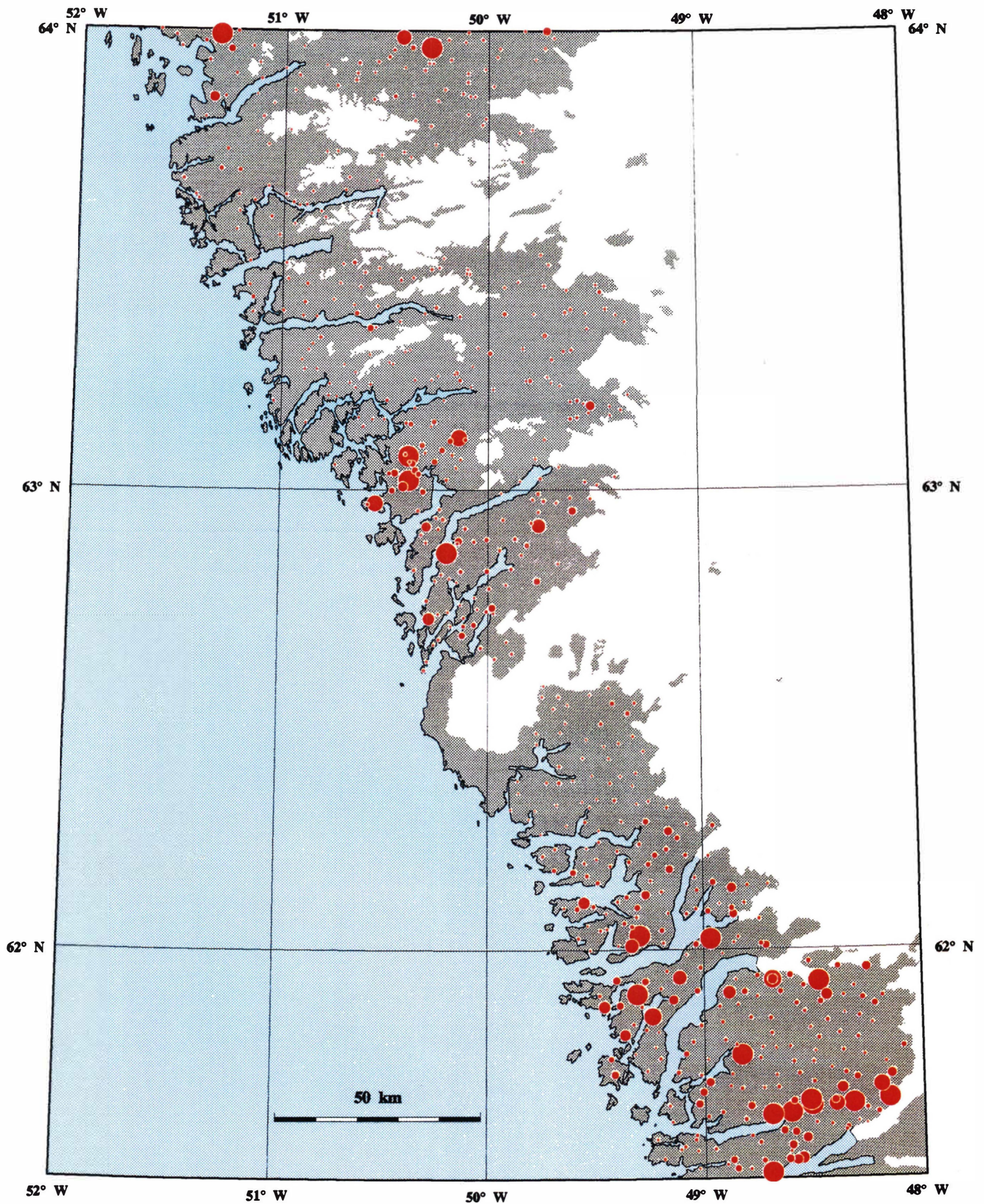




GEOCHEMICAL MAP: U IN STREAM SEDIMENT

94/2-225 Paamiut - Buksefjorden

01 - DEC - 94

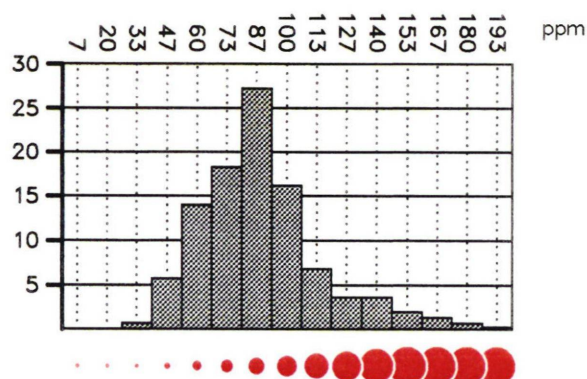


GEOCHEMICAL MAP: V IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



V ppm

STATISTICAL PARAMETERS
OF ANALYTICAL VALUES

Number of samples:	471
Min. value:	31
Max. value:	199
Mean:	88
Median:	85
Variance:	719
Std. Dev.:	27

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: XRF at GGU

1993 survey: XRF at GGU

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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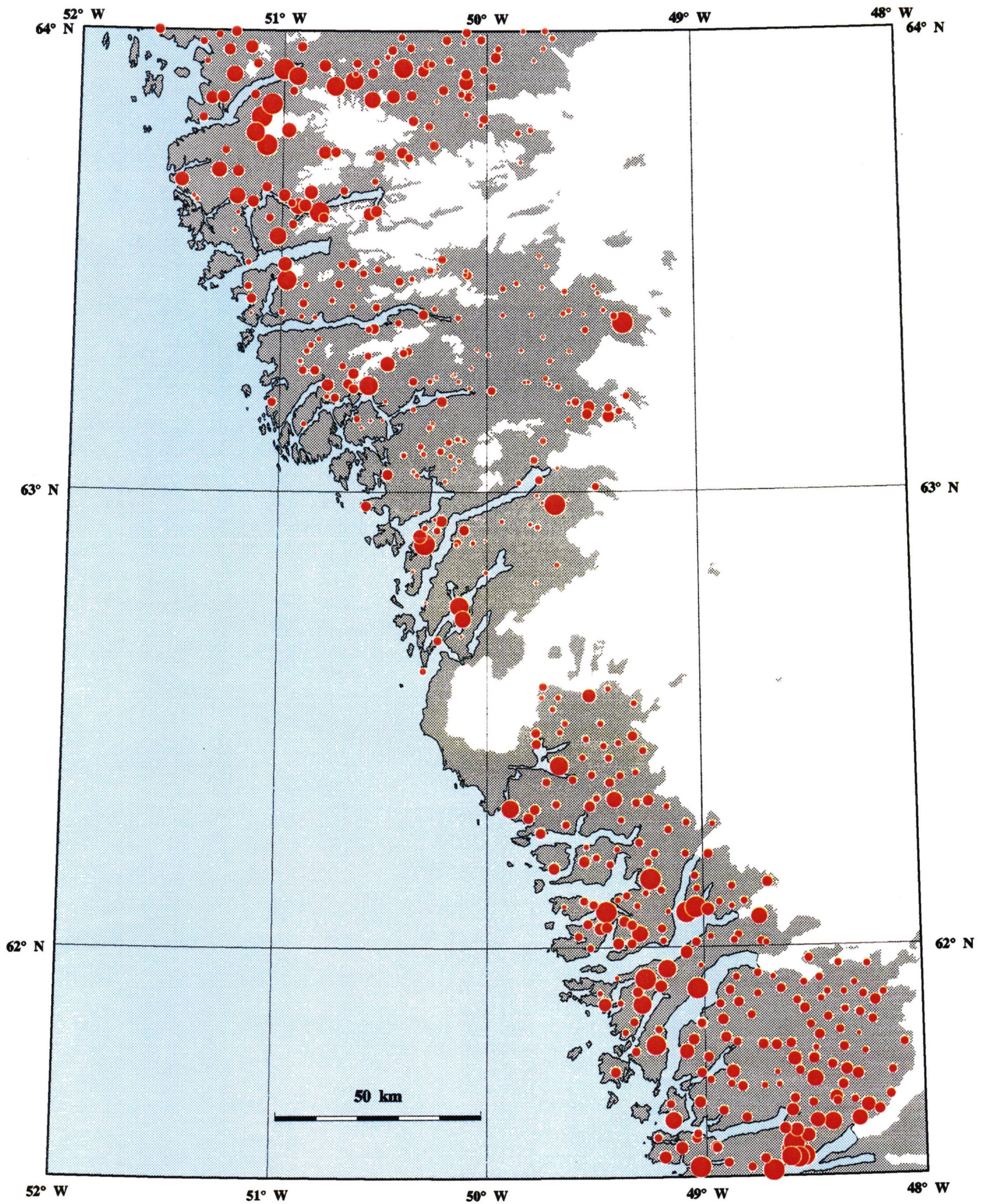




GEOCHEMICAL MAP: V IN STREAM SEDIMENT

94/2-226 Paamiut - Buksefjorden

01 - DEC - 94

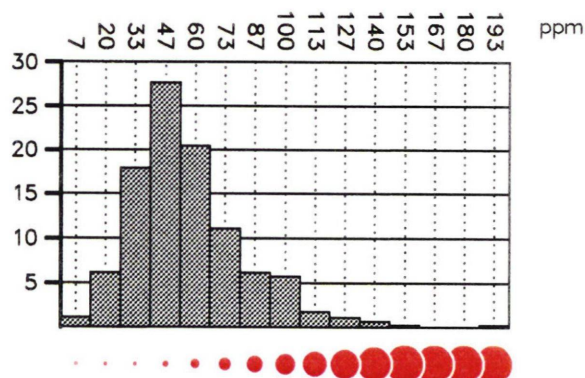


GEOCHEMICAL MAP: Zn IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Zn ppm

STATISTICAL PARAMETERS
OF ANALYTICAL VALUES

Number of samples:	471
Min. value:	4
Max. value:	253
Mean:	57
Median:	52
Variance:	720
Std. Dev.:	27

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogetic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: XRF at GGU

1993 survey: XRF at GGU

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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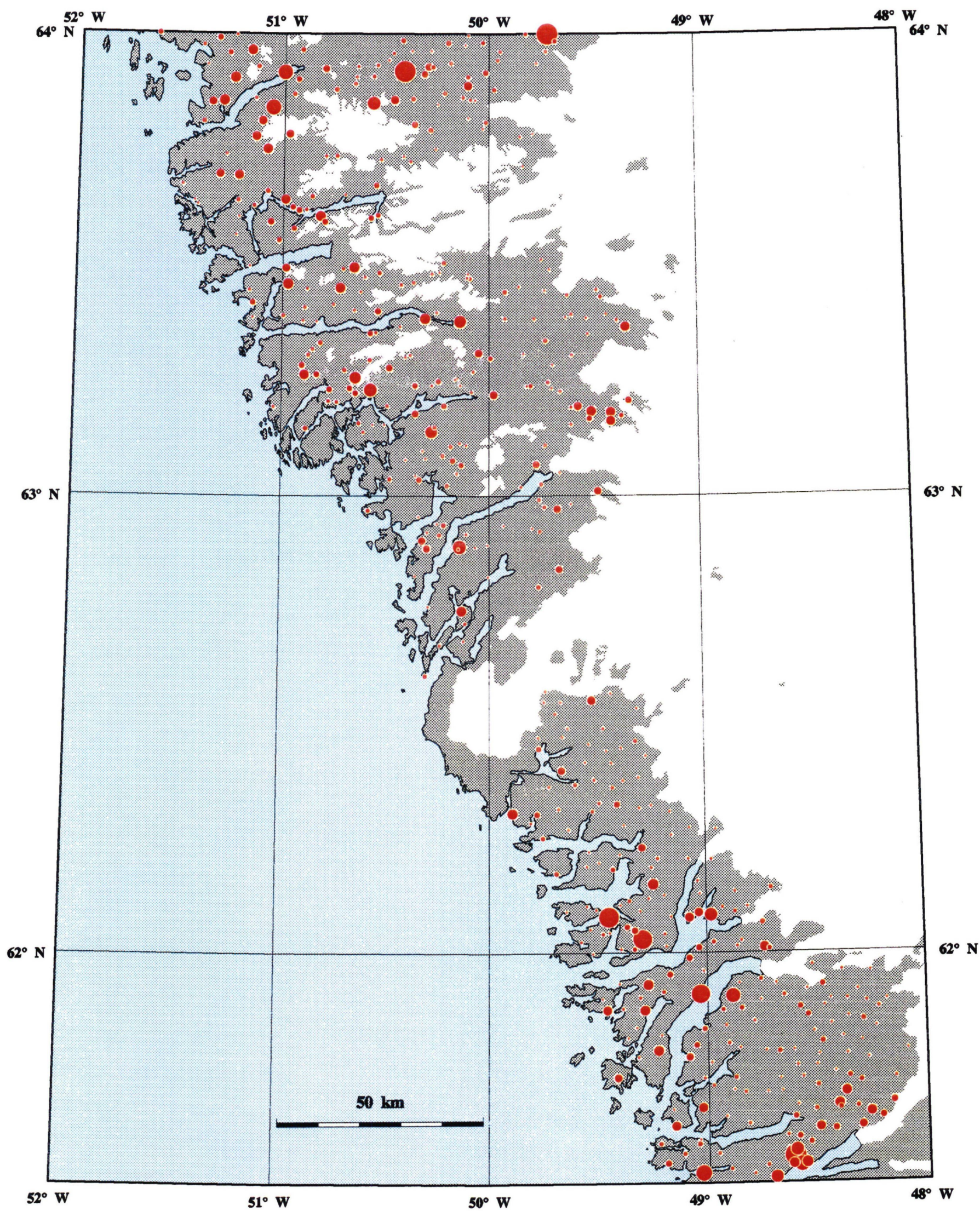




GEOCHEMICAL MAP: Zn IN STREAM SEDIMENT

94/2-227 Paamiut - Buksefjorden

011DEO-84C - 9 4

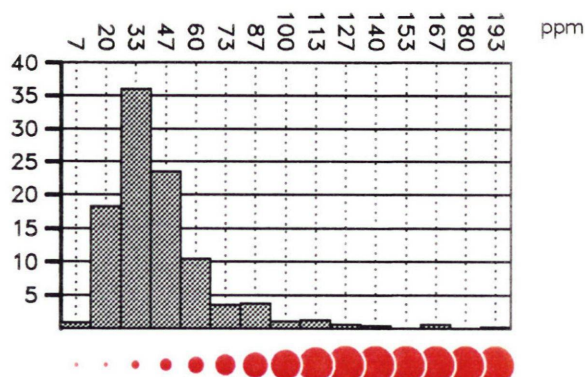


GEOCHEMICAL MAP: La IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



La ppm

STATISTICAL PARAMETERS
OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	10
Max. value:	370
Mean:	45
Median:	37
Variance:	906
Std. Dev.:	30

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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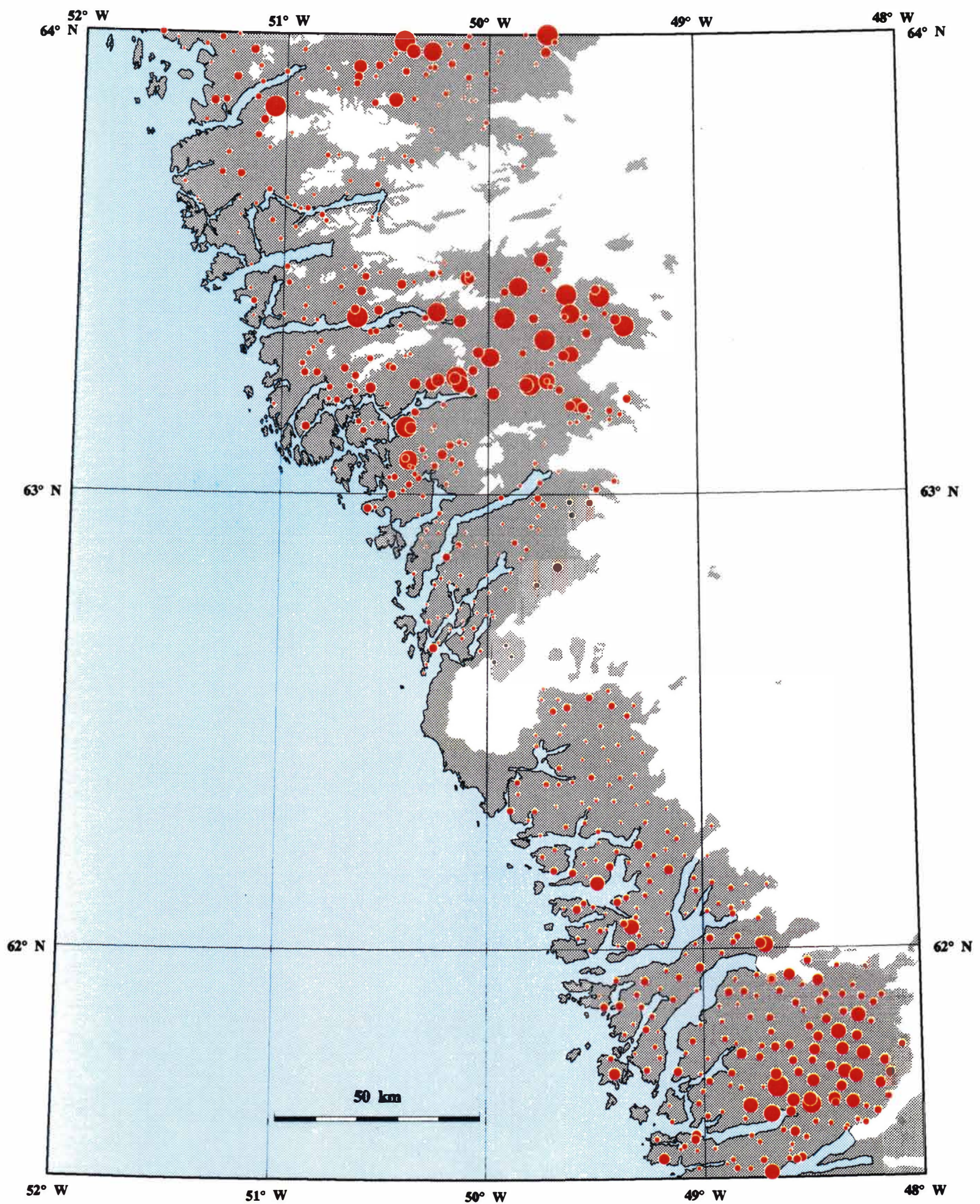




GEOCHEMICAL MAP: La IN STREAM SEDIMENT

94/2-228 Paamiut - Buksefjorden

01 - DEC - 94

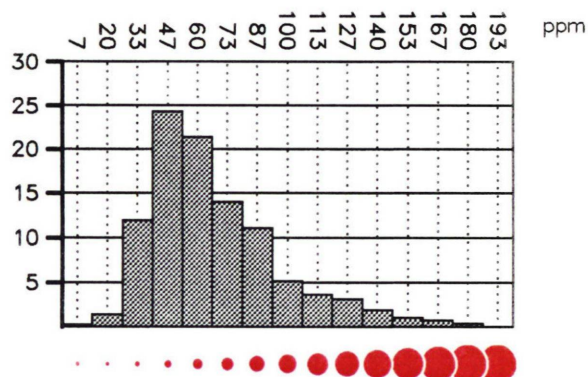


GEOCHEMICAL MAP: Ce IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Ce ppm

STATISTICAL PARAMETERS
OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	13
Max. value:	630
Mean:	70
Median:	61
Variance:	1962
Std. Dev.:	44

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minero-genic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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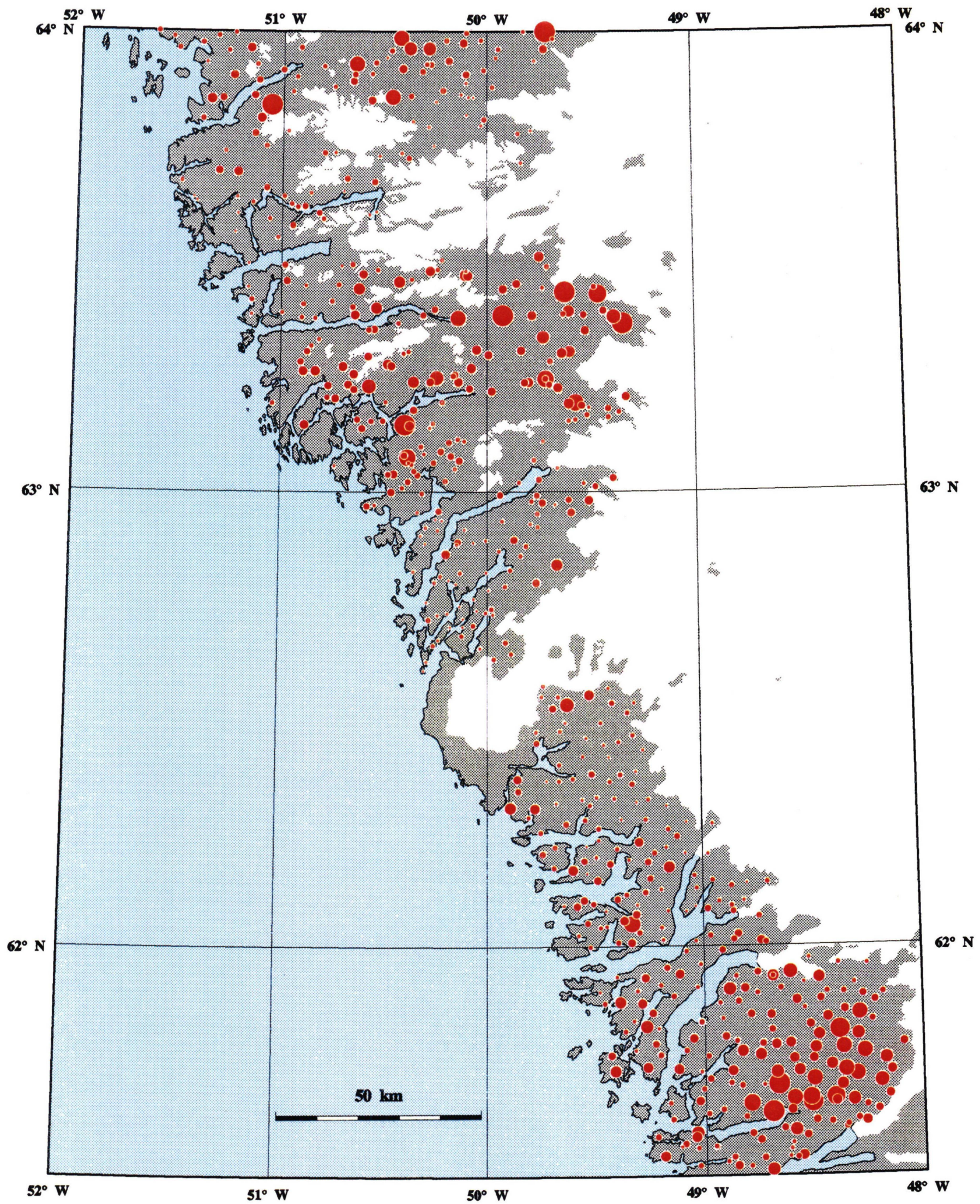




GEOCHEMICAL MAP: Ce IN STREAM SEDIMENT

94/2-229 Paamiut - Buksefjorden

01 - DEC - 94

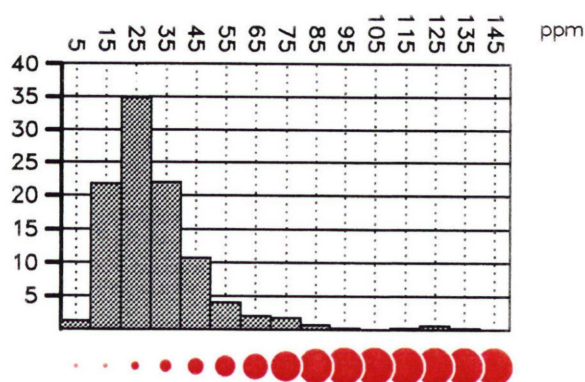


GEOCHEMICAL MAP: Nd IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Nd ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0
Max. value:	280
Mean:	31
Median:	26
Variance:	451
Std. Dev.:	21

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic
Standard parallel: 66° 30' N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

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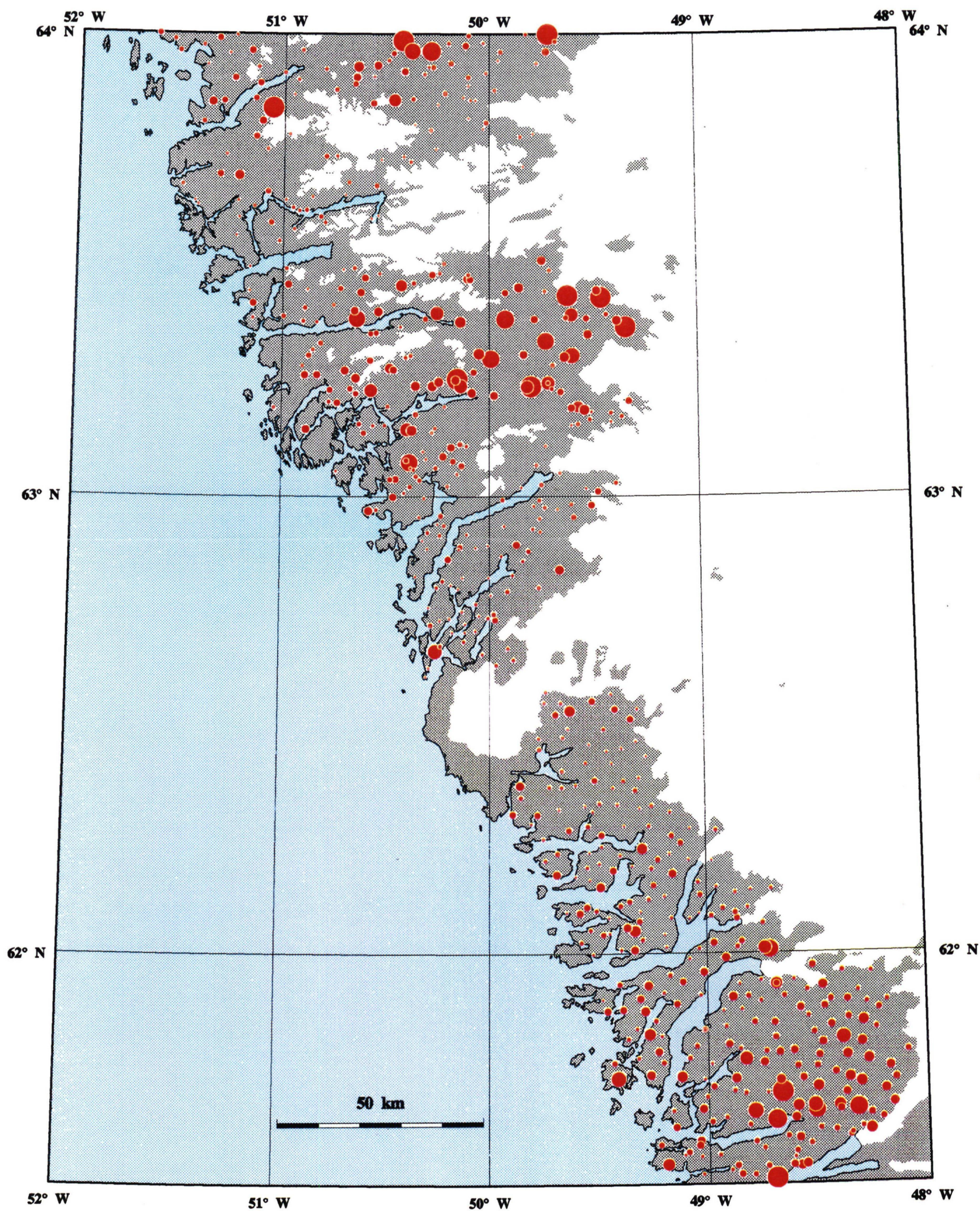




GEOCHEMICAL MAP: Nd IN STREAM SEDIMENT

94/2-230 Paamiut - Buksefjorden

01 - DEC - 94

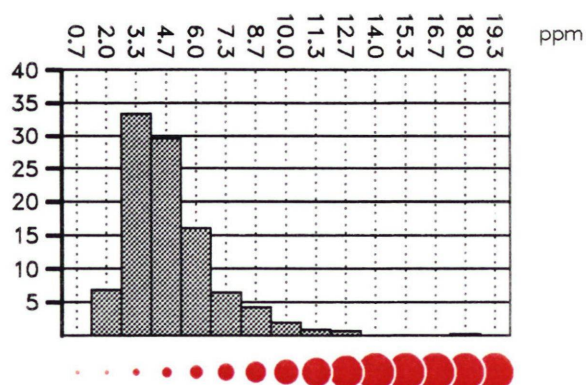


GEOCHEMICAL MAP: Sm IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Sm ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	1.6
Max. value:	58.0
Mean:	5.0
Median:	4.4
Variance:	9.9
Std. Dev.:	3.1

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogetic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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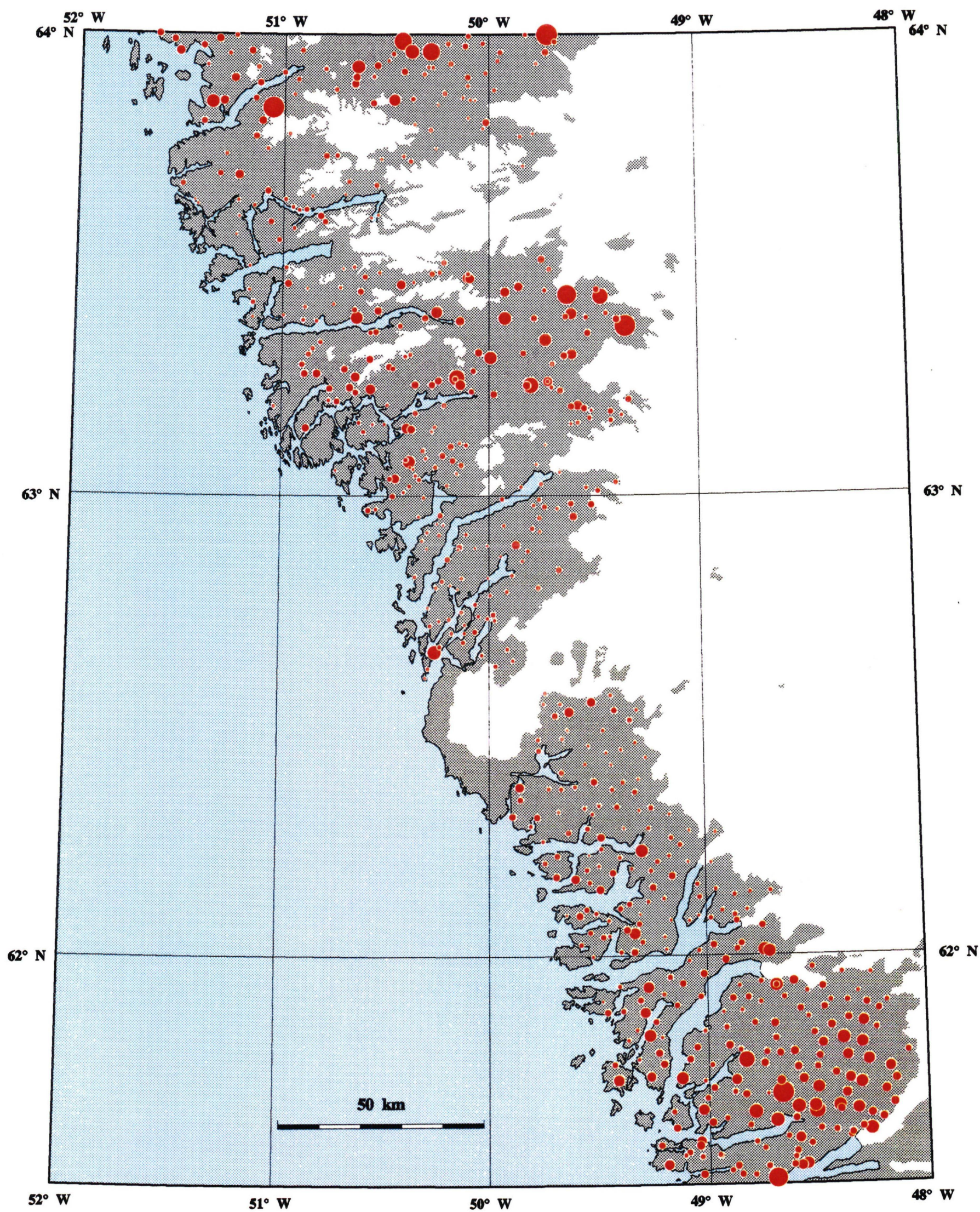




GEOCHEMICAL MAP: Sm IN STREAM SEDIMENT

94/2-231 Paamiut - Buksefjorden

01 - DEC - 94

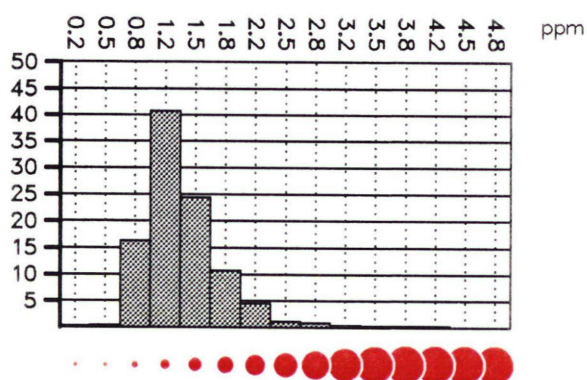


GEOCHEMICAL MAP: Eu IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Eu ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0.0
Max. value:	21.0
Mean:	1.4
Median:	1.3
Variance:	0.9
Std. Dev.:	0.9

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic
Standard parallel: 66° 30' N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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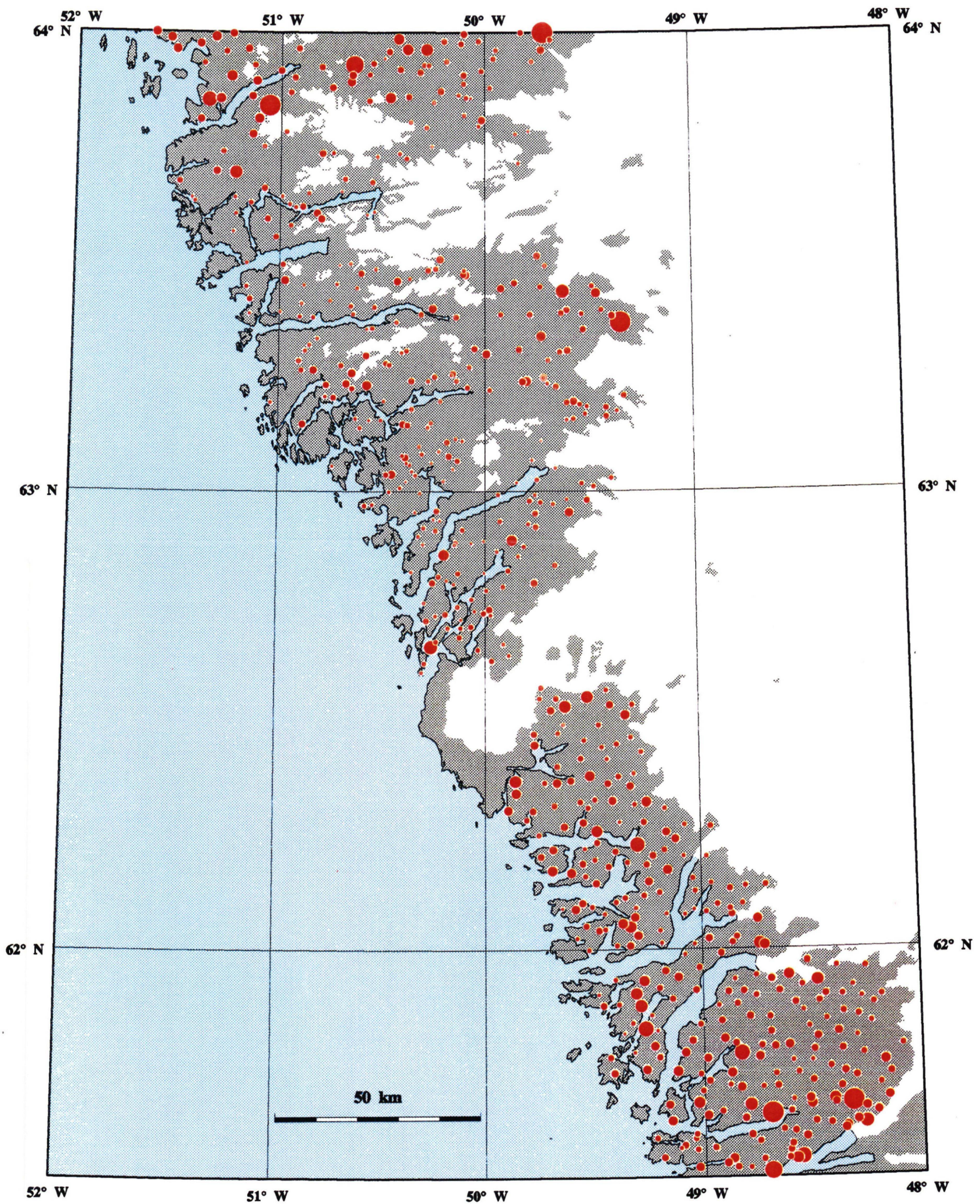




GEOCHEMICAL MAP: Eu IN STREAM SEDIMENT

94/2-232 Paamiut - Buksefjorden

01 - DEC - 94

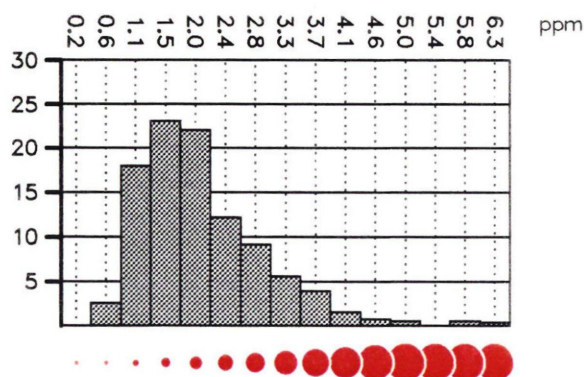


GEOCHEMICAL MAP: Yb IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Yb ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0.5
Max. value:	9.6
Mean:	2.0
Median:	1.8
Variance:	0.9
Std. Dev.:	0.9

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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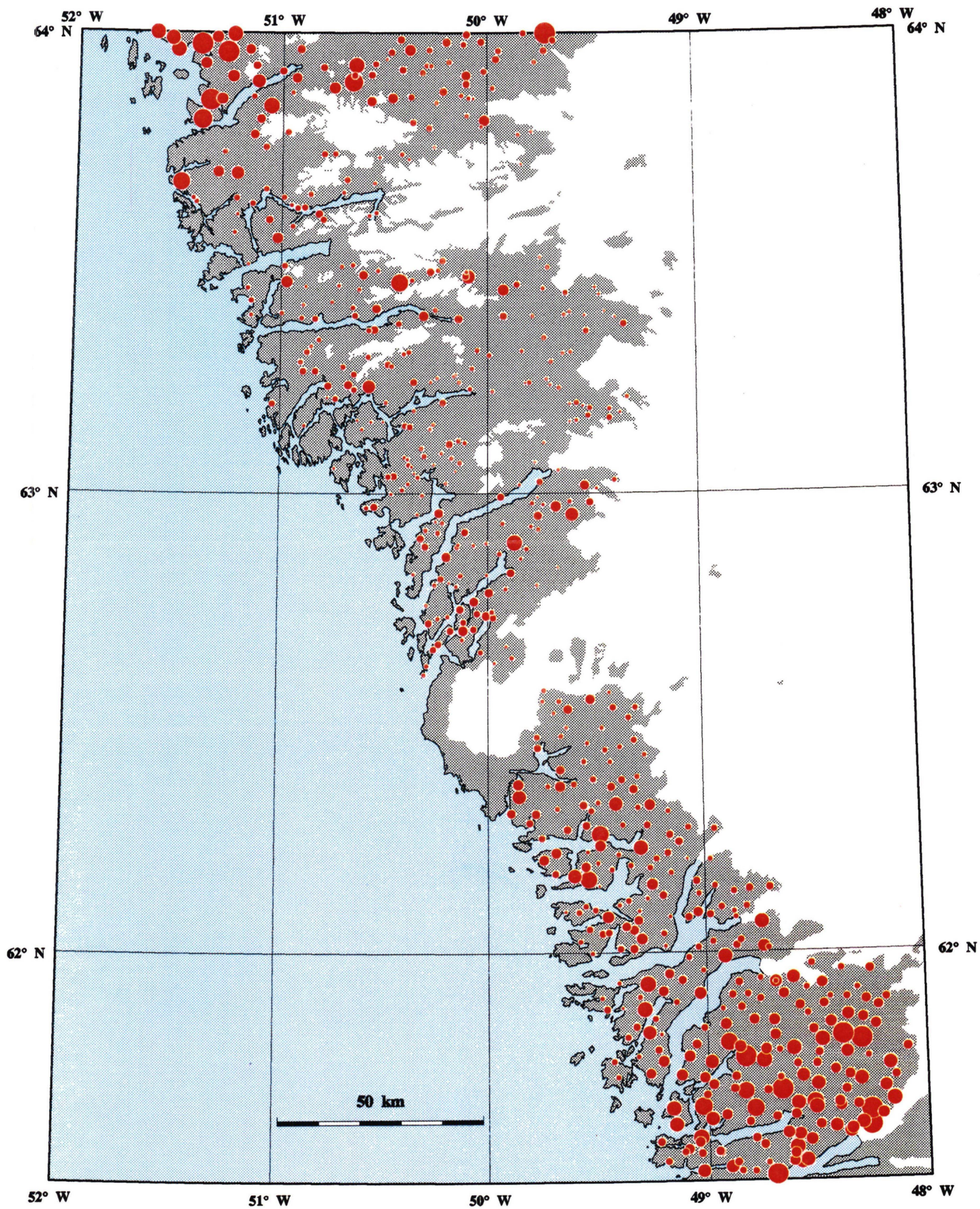




GEOCHEMICAL MAP: Yb IN STREAM SEDIMENT

94/2-233 Paamiut - Buksefjorden

01 - DEC - 94

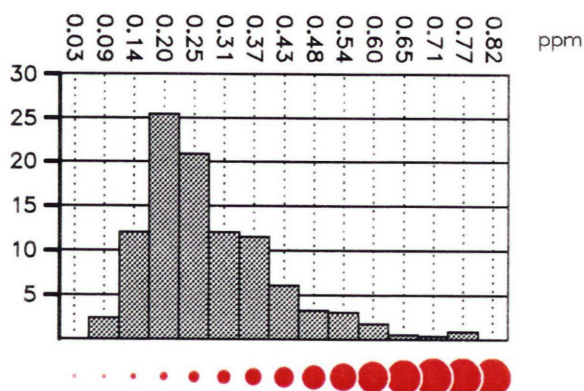


GEOCHEMICAL MAP: Lu IN STREAM SEDIMENT

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Lu ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	591
Min. value:	0.06
Max. value:	1.21
Mean:	0.28
Median:	0.25
Variance:	0.02
Std. Dev.:	0.13

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

minerogenic sediment from stream bed or bank as composite of 3–10 subsamples

Size fraction:

< 0.1 mm dry-sieved in laboratory

Method and laboratory:

1991 survey: INA at Actlabs

1993 survey: INA at Actlabs

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic
Standard parallel: 66° 30' N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

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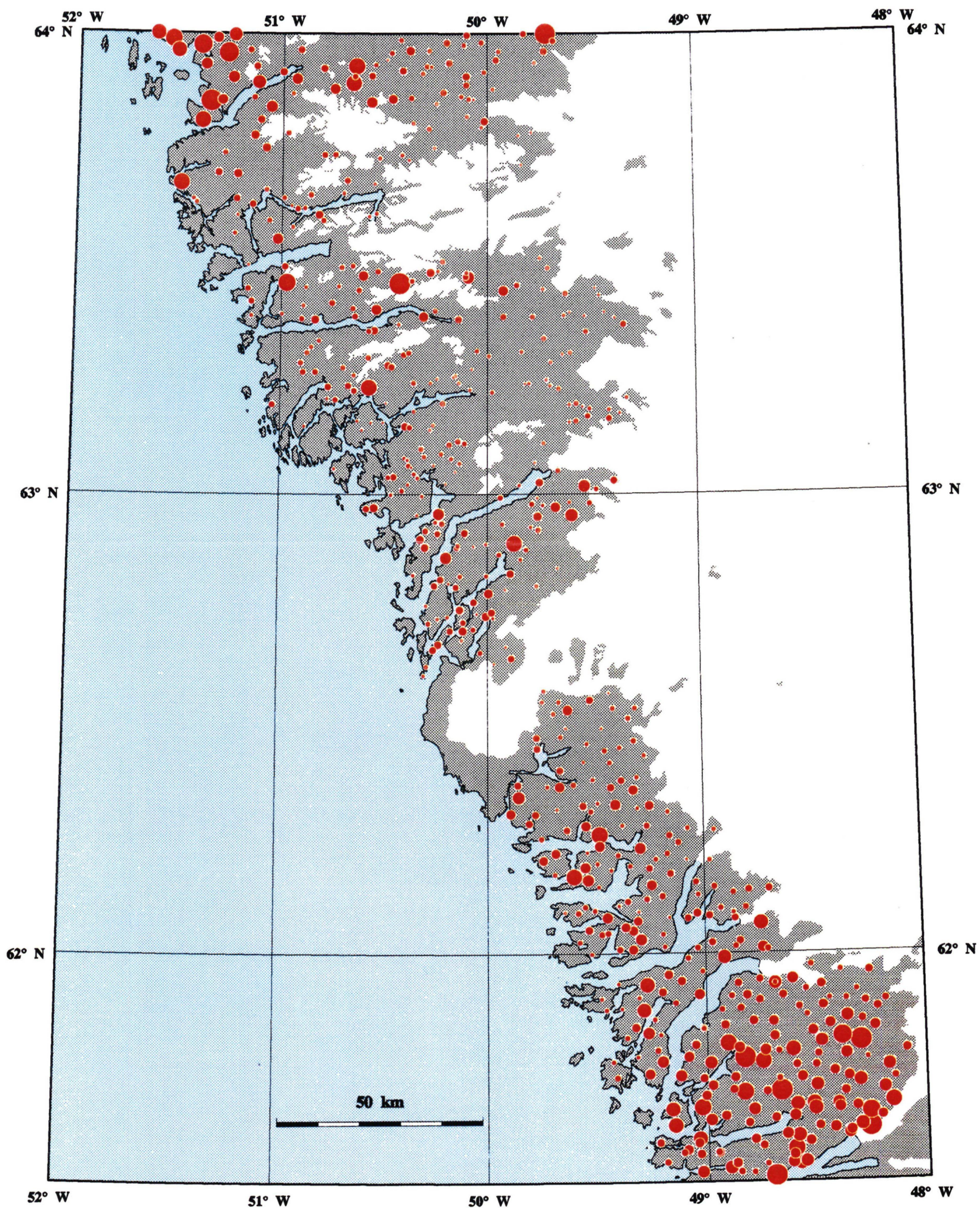




GEOCHEMICAL MAP: Lu IN STREAM SEDIMENT

94/2-234 Paamiut - Buksefjorden

01 - DEC - 94

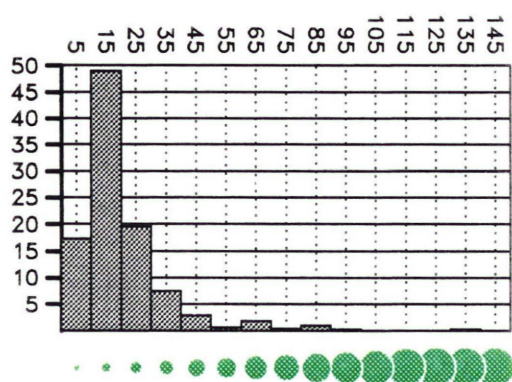


GEOCHEMICAL MAP: CONDUCTIVITY IN STREAM WATER

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



micro sievert

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	568
Min. value:	5
Max. value:	4800
Mean:	29
Median:	16
Variance:	41081
Std. Dev.:	203

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

water from stream

Method and laboratory:

1991 survey: conductivity at GGU

1993 survey: conductivity at GGU

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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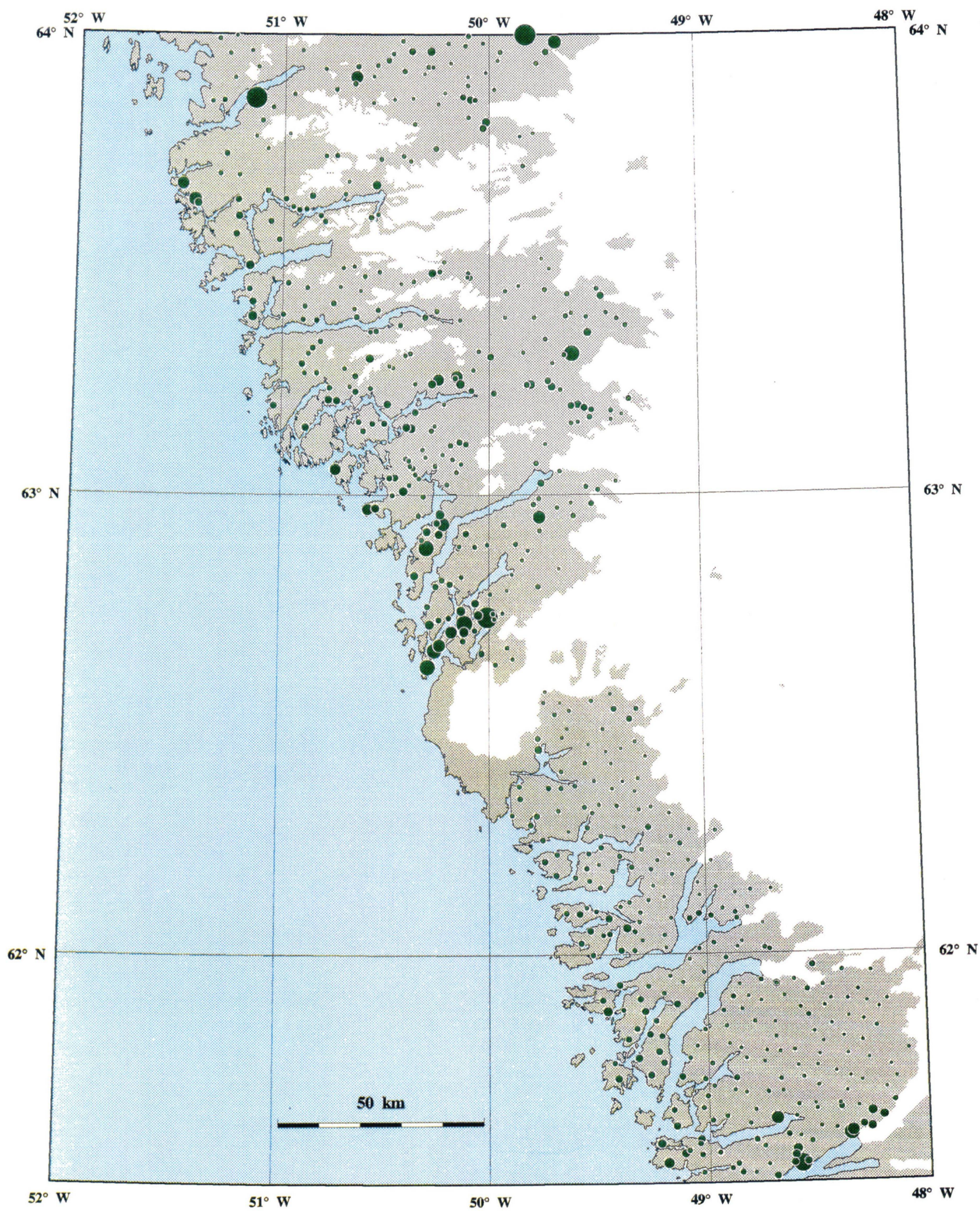




GEOCHEMICAL MAP: CONDUCTIVITY IN STREAM WATER

94/2-235 Paamiut - Buksefjorden

01 - DEC - 94

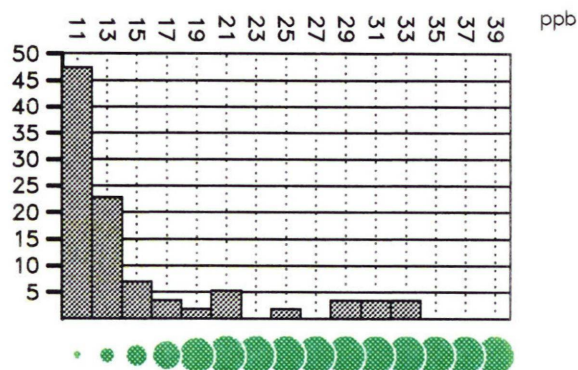


GEOCHEMICAL MAP: F IN STREAM WATER

Paamiut – Buksefjorden

Compiled by Agnete Steenfelt

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



F ppb

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	568
Min. value:	0
Max. value:	130
Mean:	5
Median:	5
Variance:	67
Std. Dev.:	8

DATA SOURCE

Stream sediment surveys carried out by the Geological Survey of Greenland in 1991, 1993.

SURVEY SPECIFICATIONS

Sample density:

1991 survey average: 1 per 27 km²

1993 survey average: 1 per 26 km²

Sample type:

water from stream

Method and laboratory:

1991 survey: ion sensitive electrode at GGU

1993 survey: ion sensitive electrode at GGU

DATA PROCESSING

Dot plot illustrating element concentrations at sample sites. Scaling of dot size selected in each case to suppress noise at low concentration levels and enhance anomalous areas or regional features.

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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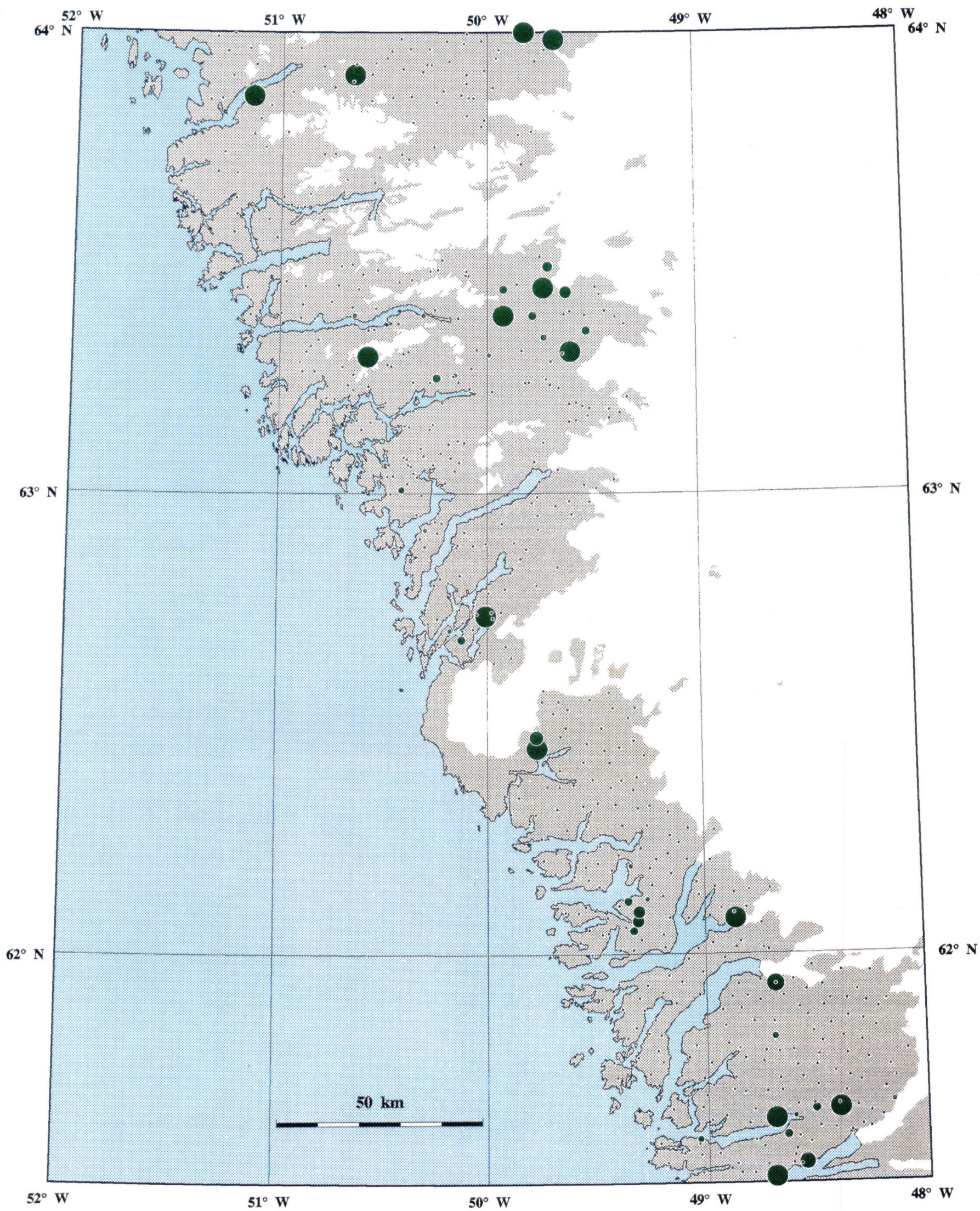




GEOCHEMICAL MAP: F IN STREAM WATER

94/2-236 Paamiut - Buksefjorden

01 - DEC - 94

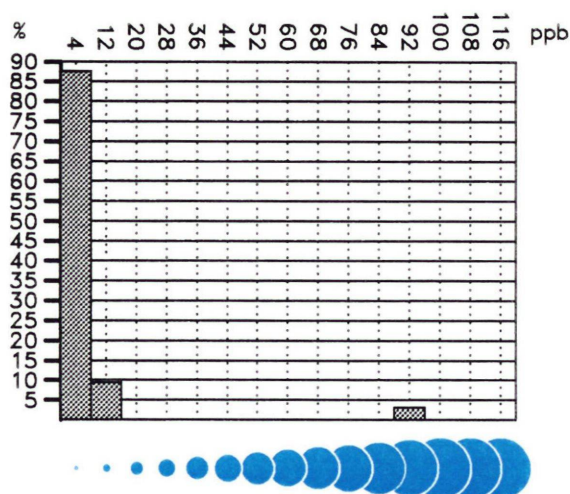


PANNED HEAVY MINERAL CONCENTRATE: Au

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Au ppb

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	35
Min. value:	0
Max. value:	430
Mean:	34
Median:	0
Variance:	10516
Std. Dev.:	103

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1986.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Bondar – Clegg, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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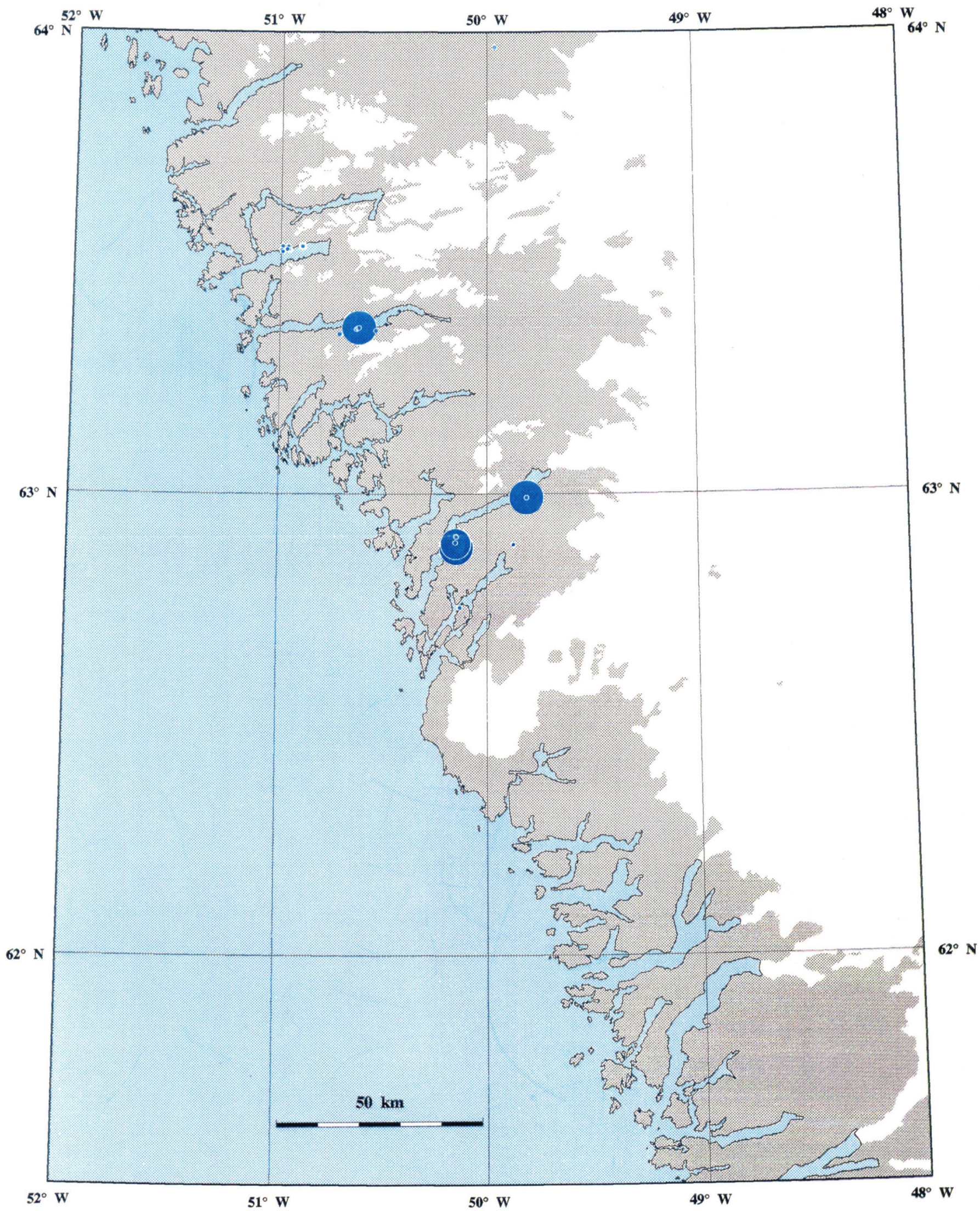




GEOCHEMICAL MAP : Au IN HEAVY MINERAL CONCENTRATE

94/2-301 Paamiut - Buksefjorden

01 - DEC - 94

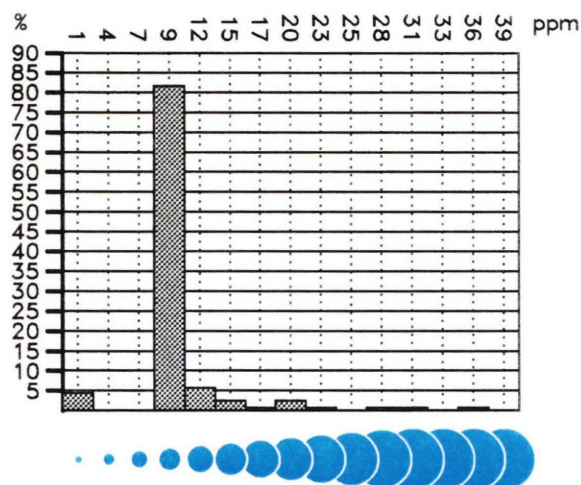


PANNED HEAVY MINERAL CONCENTRATE: B

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



B ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	0
Max. value:	150
Mean:	13
Median:	8
Variance:	415
Std. Dev.:	20

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Optical emission spectroscopy

Laboratory:

Geologisk Institut

Afdeling for Petrologi

University of

Copenhagen, Denmark

Analyst: H. Bollingberg

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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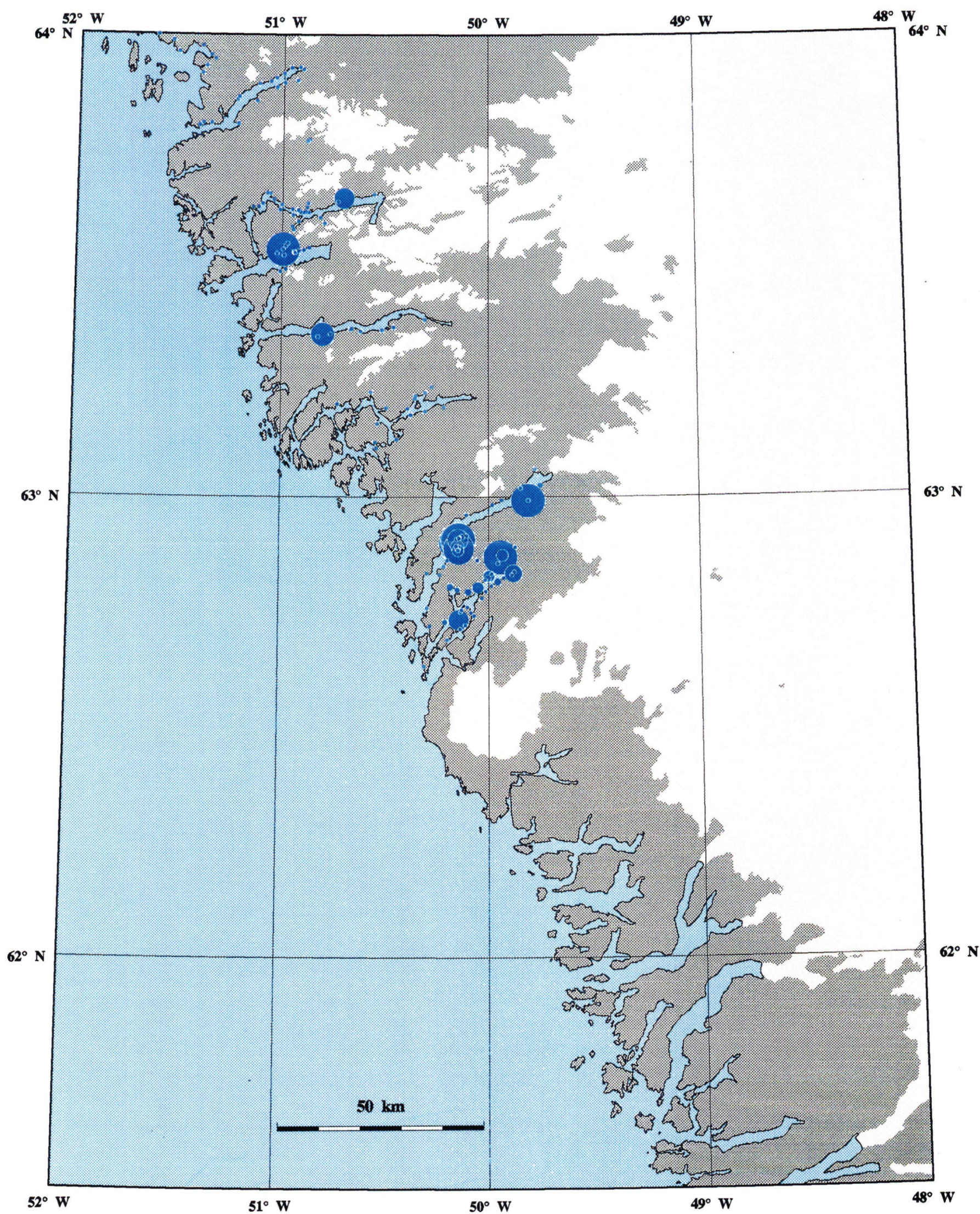




GEOCHEMICAL MAP : B IN HEAVY MINERAL CONCENTRATE

94/2-302 Paamiut - Buksefjorden

01 - DEC - 94

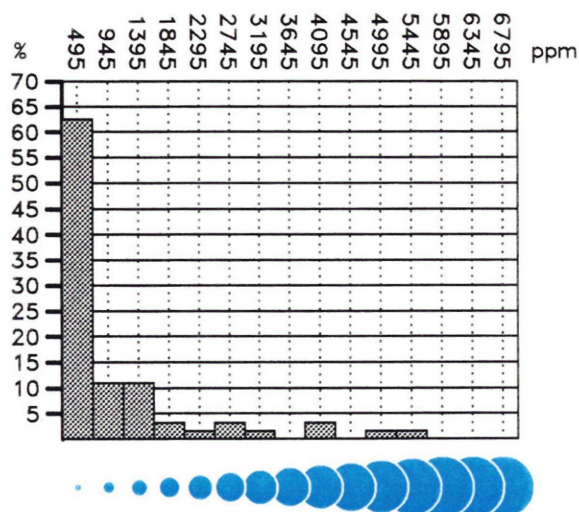


PANNED HEAVY MINERAL CONCENTRATE: Cr

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Cr ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	103
Min. value:	110
Max. value:	27000
Mean:	1332
Median:	330
Variance:	14650398
Std. Dev.:	3828

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1991.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <5 mm size fraction of 5 – 10 litres of gravel and sand

Sample preparation:

Separation of heavy minerals using a rotary automatic panning device ('Goldhound')

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Activation Laboratories, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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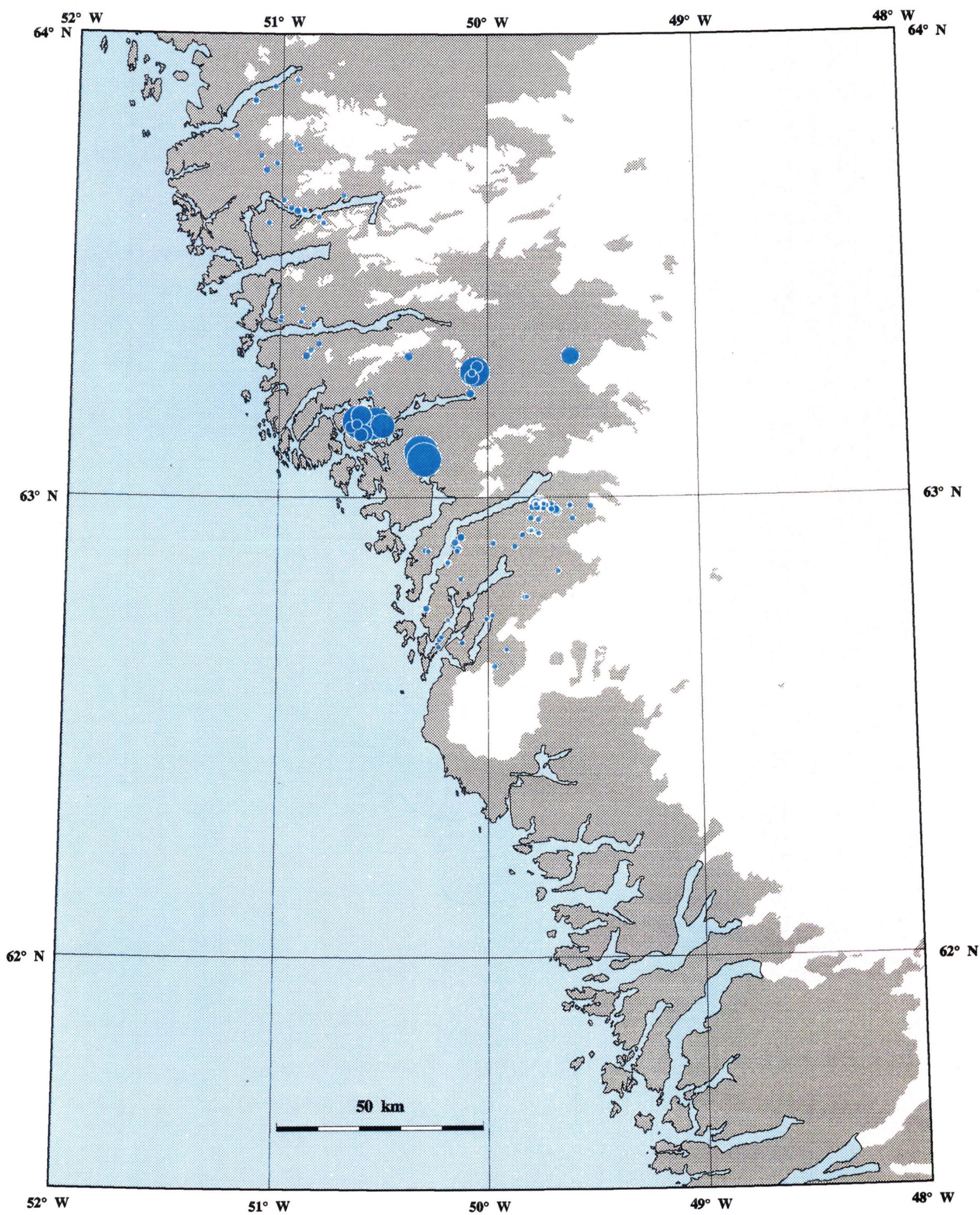




GEOCHEMICAL MAP : Cr IN HEAVY MINERAL CONCENTRATE

94/2-303 Paamiut - Buksefjorden

01 - DEC - 94

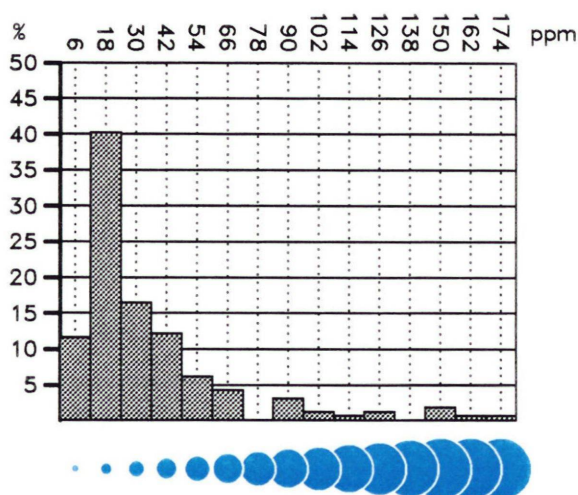


PANNED HEAVY MINERAL CONCENTRATE: Cu

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Cu ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	6
Max. value:	325
Mean:	37
Median:	23
Variance:	1521
Std. Dev.:	39

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Optical emission spectroscopy

Laboratory:

Geologisk Institut

Afdeling for Petrologi

University of

Copenhagen, Denmark

Analyst: H. Bollingberg

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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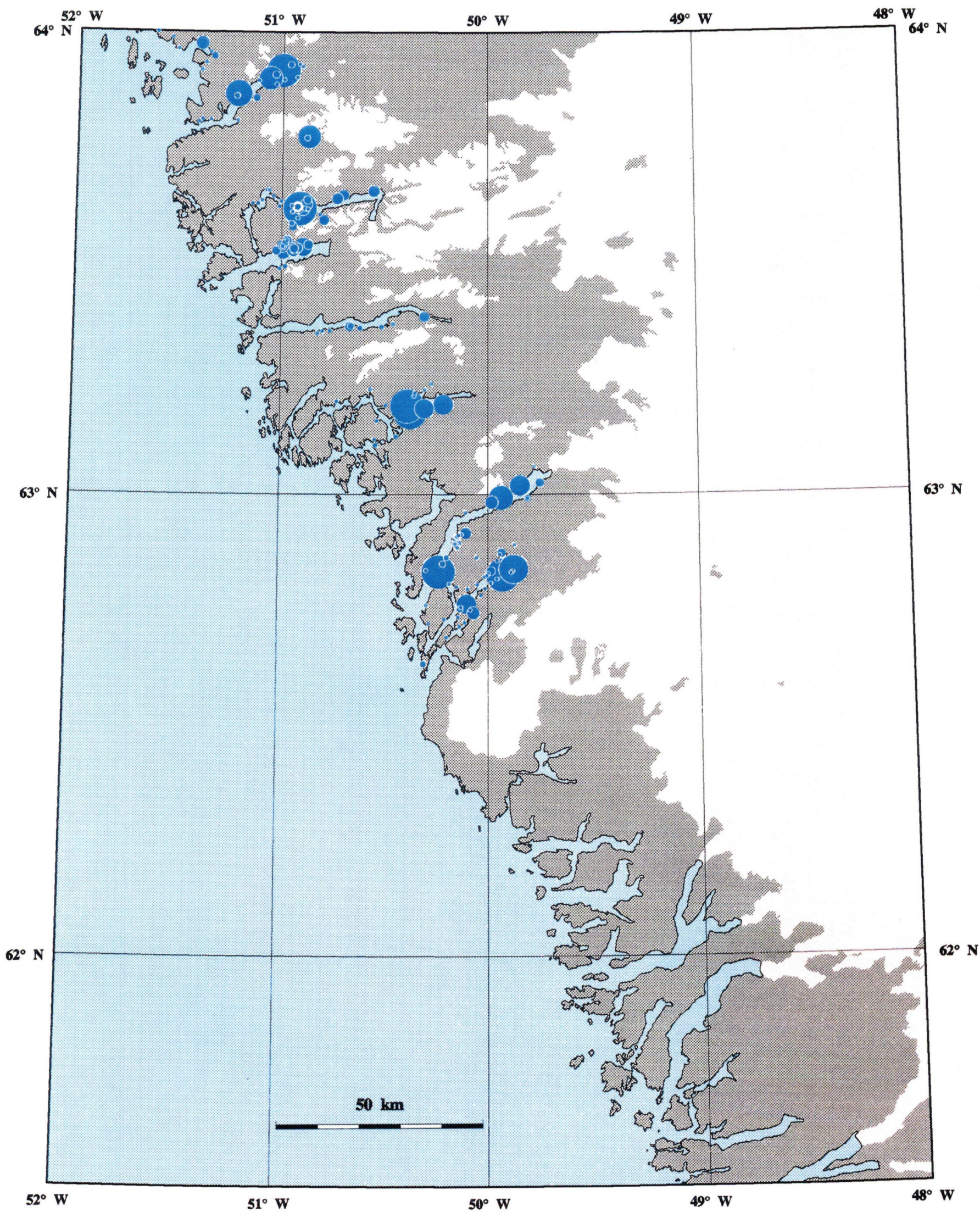




GEOCHEMICAL MAP : Cu IN HEAVY MINERAL CONCENTRATE

94/2-304 Paamiut - Buksefjorden

01 - DEC - 94

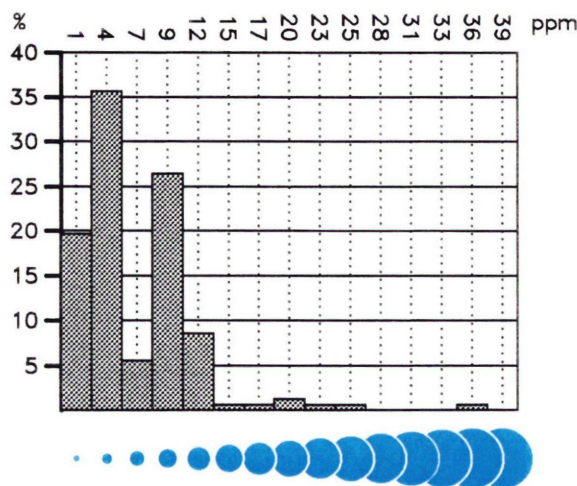


PANNED HEAVY MINERAL CONCENTRATE: Mo

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Mo ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	0
Max. value:	135
Mean:	8
Median:	5
Variance:	144
Std. Dev.:	12

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1986.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Bondar – Clegg, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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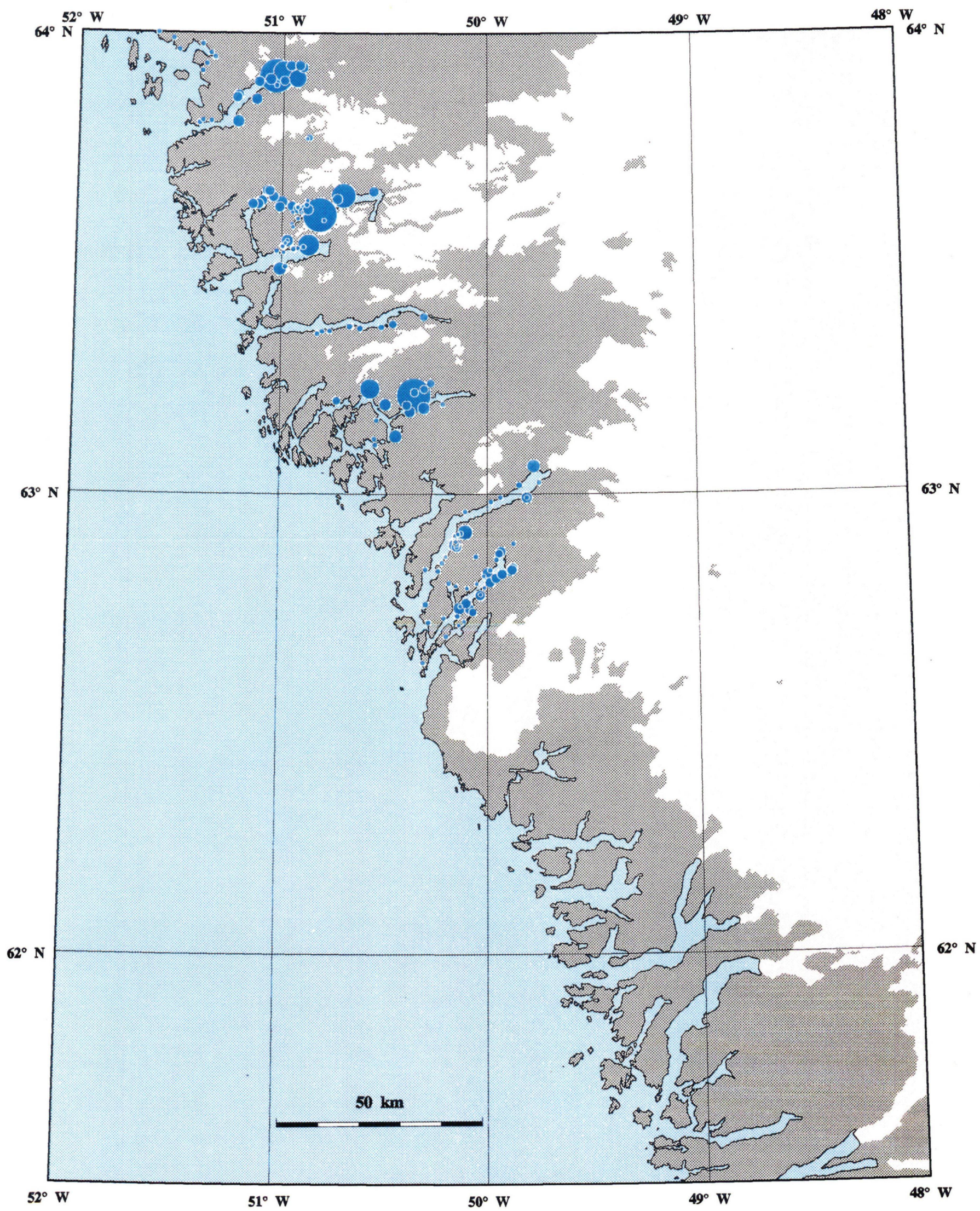




GEOCHEMICAL MAP : Mo IN HEAVY MINERAL CONCENTRATE

94/2-305 Paamiut - Buksefjorden

01 - DEC - 94

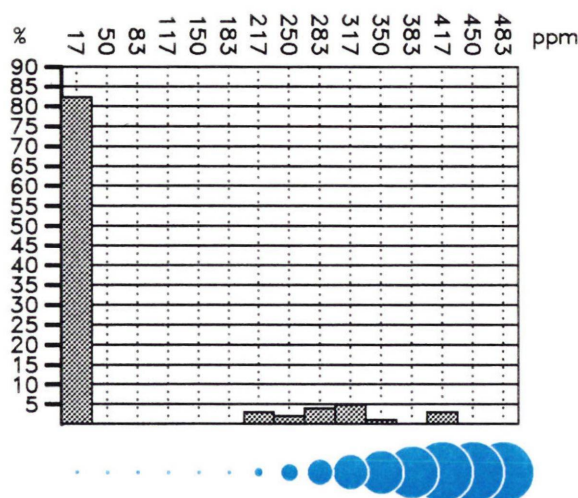


PANNED HEAVY MINERAL CONCENTRATE: Ni

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Ni ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	103
Min. value:	0
Max. value:	1400
Mean:	73
Median:	0
Variance:	35227
Std. Dev.:	188

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1991.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <5 mm size fraction of 5 – 10 litres of gravel and sand

Sample preparation:

Separation of heavy minerals using a rotary automatic panning device ('Goldhound')

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Activation Laboratories, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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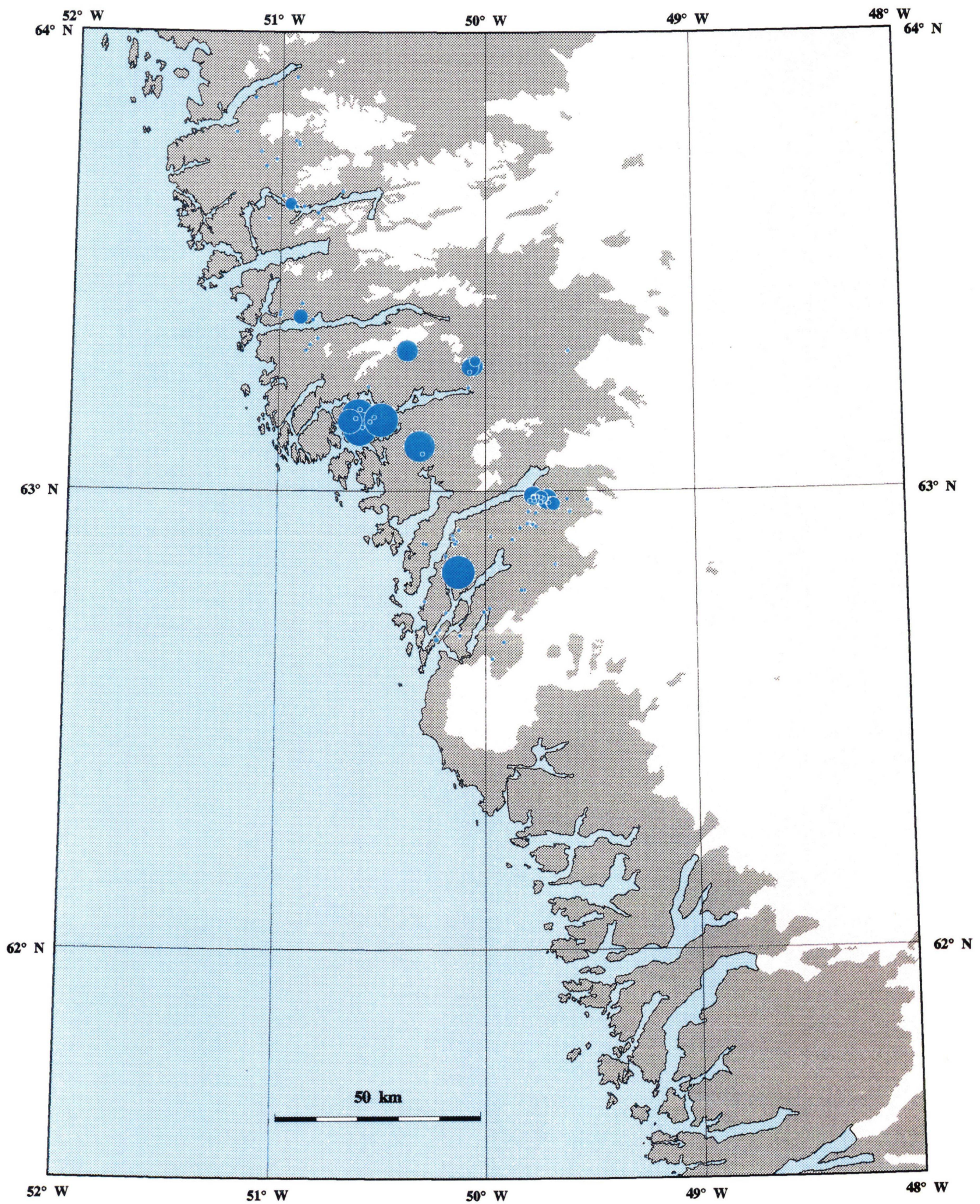




GEOCHEMICAL MAP : Ni IN HEAVY MINERAL CONCENTRATE

94/2-306 Paamiut - Buksefjorden

01 - DEC - 94

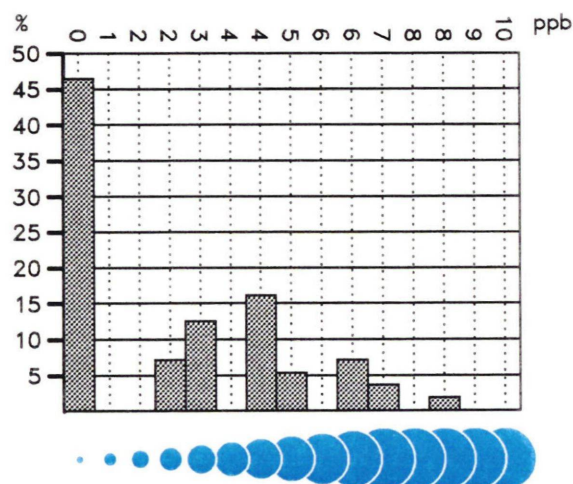


PANNED HEAVY MINERAL CONCENTRATE: Pd

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Pd ppb

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	56
Min. value:	0
Max. value:	8
Mean:	2
Median:	2
Variance:	6
Std. Dev.:	2

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1991.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <5 mm size fraction of 5 – 10 litres of gravel and sand

Sample preparation:

Separation of heavy minerals using a rotary automatic panning device ("Goldhound")

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Activation Laboratories, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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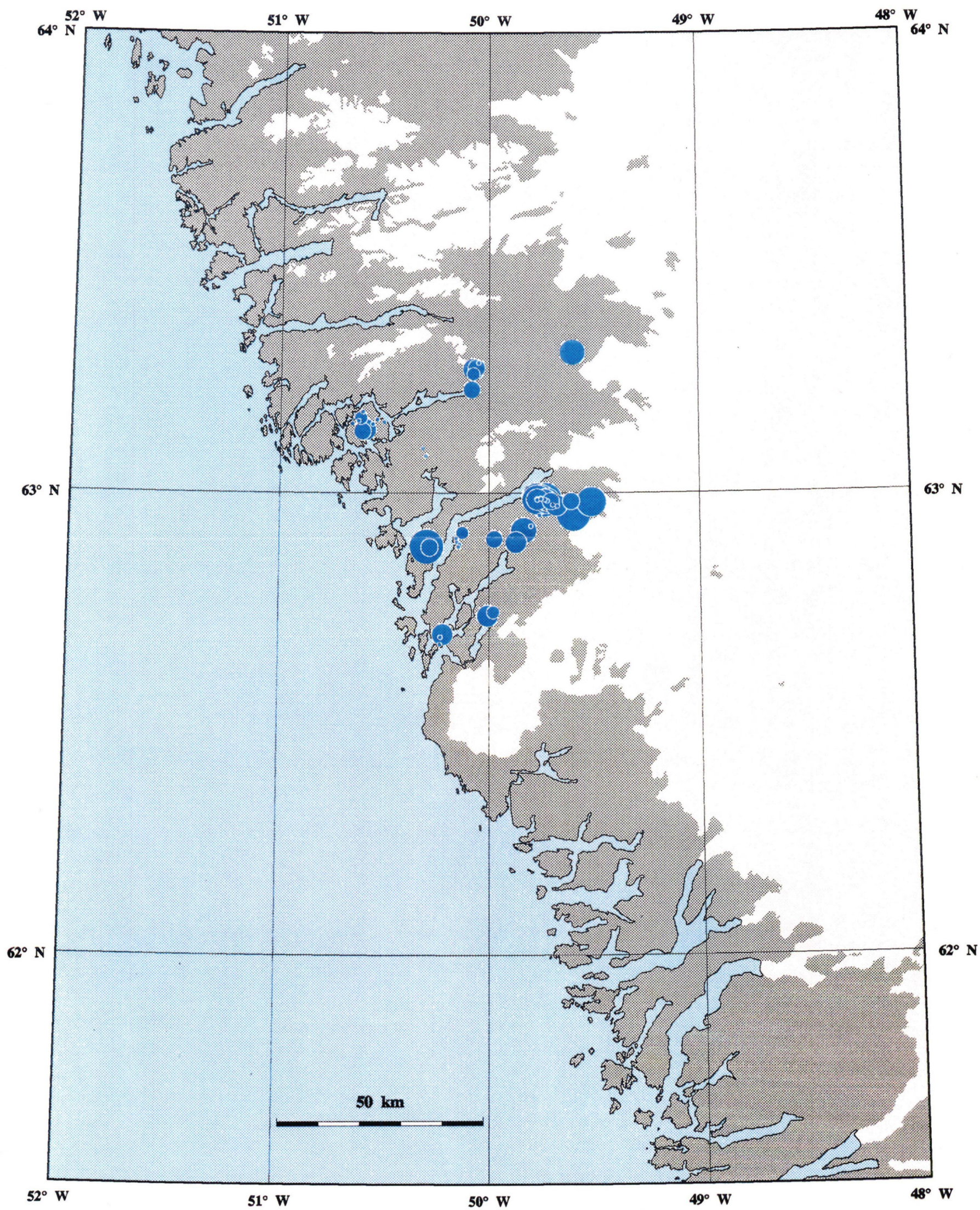




GEOCHEMICAL MAP : Pd IN HEAVY MINERAL CONCENTRATE

94/2-307 Paamiut - Buksefjorden

01 - DEC - 94

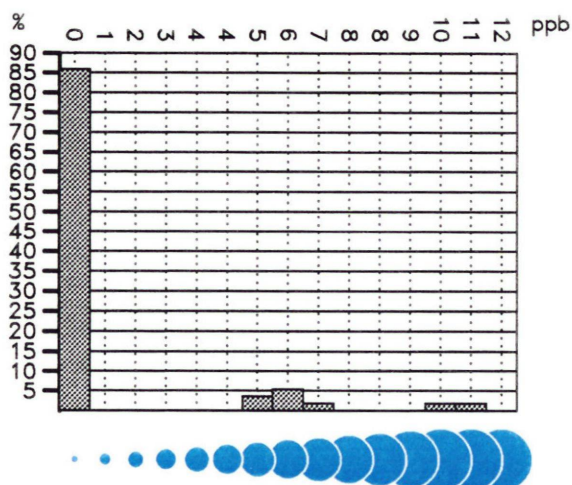


PANNED HEAVY MINERAL CONCENTRATE: Pt

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Pt ppb

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	56
Min. value:	0
Max. value:	11
Mean:	1
Median:	0
Variance:	7
Std. Dev.:	3

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1991.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <5 mm size fraction of 5 – 10 litres of gravel and sand

Sample preparation:

Separation of heavy minerals using a rotary automatic panning device ('Goldhound')

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Activation Laboratories, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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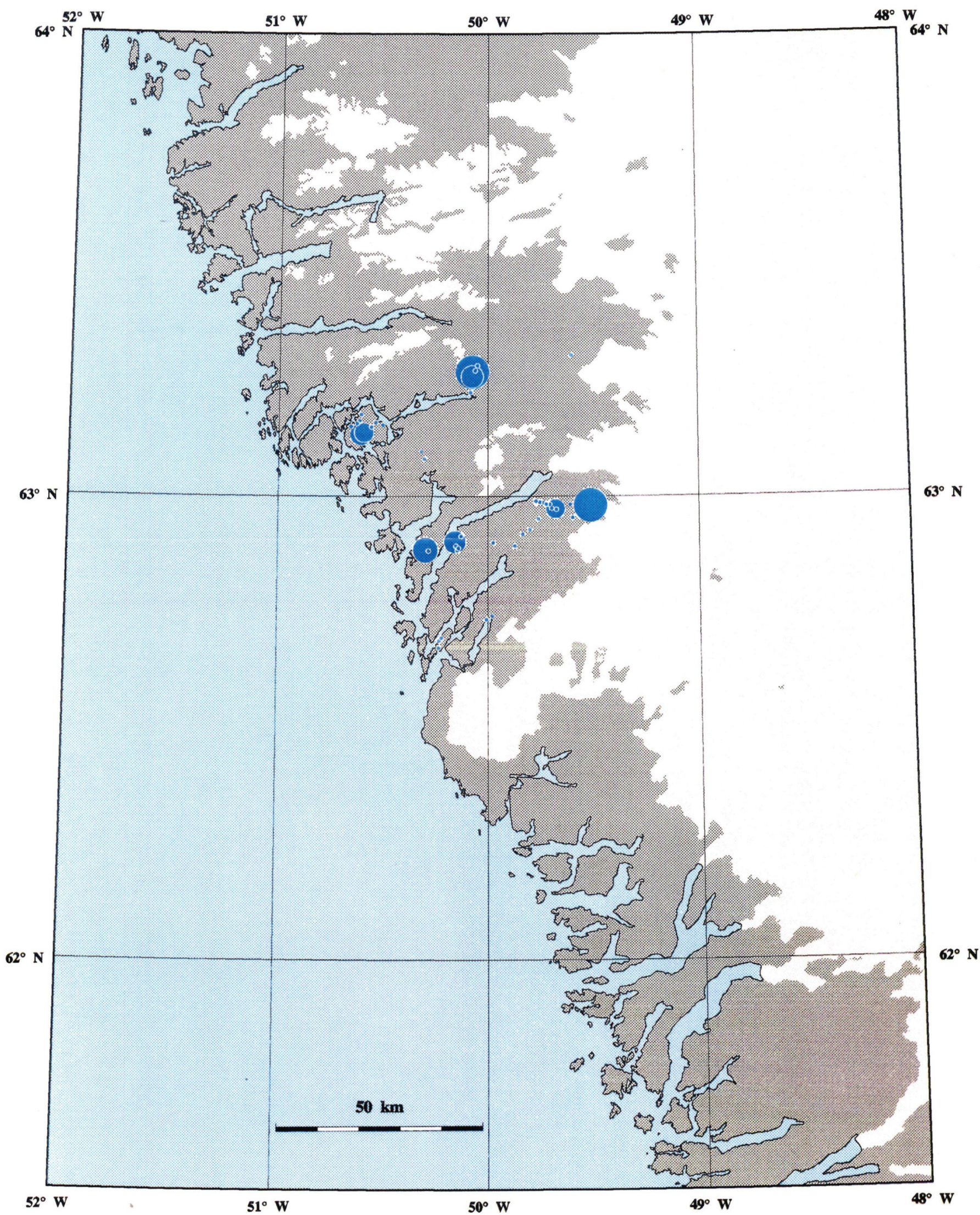




GEOCHEMICAL MAP : Pt IN HEAVY MINERAL CONCENTRATE

94/2-308 Paamiut - Buksefjorden

01 - DEC - 94

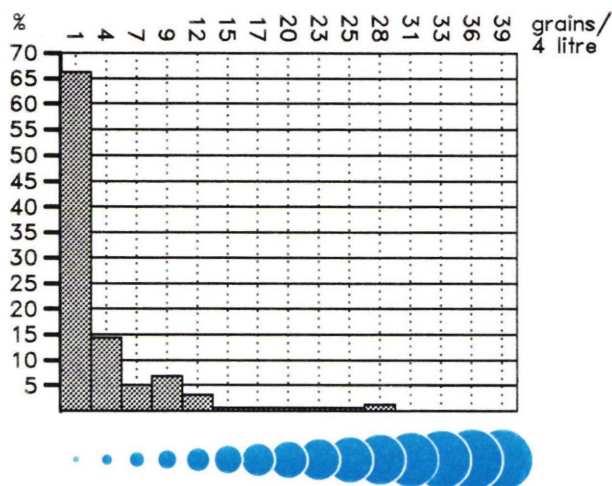


PANNED HEAVY MINERAL CONCENTRATE: Scheelite

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Scheelite
grains per 4 litre

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	0
Max. value:	58
Mean:	5
Median:	1
Variance:	93
Std. Dev.:	10

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:
Variable
Sample type:
Scheelite grains per 4 litre of sediment

Projection: Lambert conformal conic
Standard parallel: 66° 30' N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

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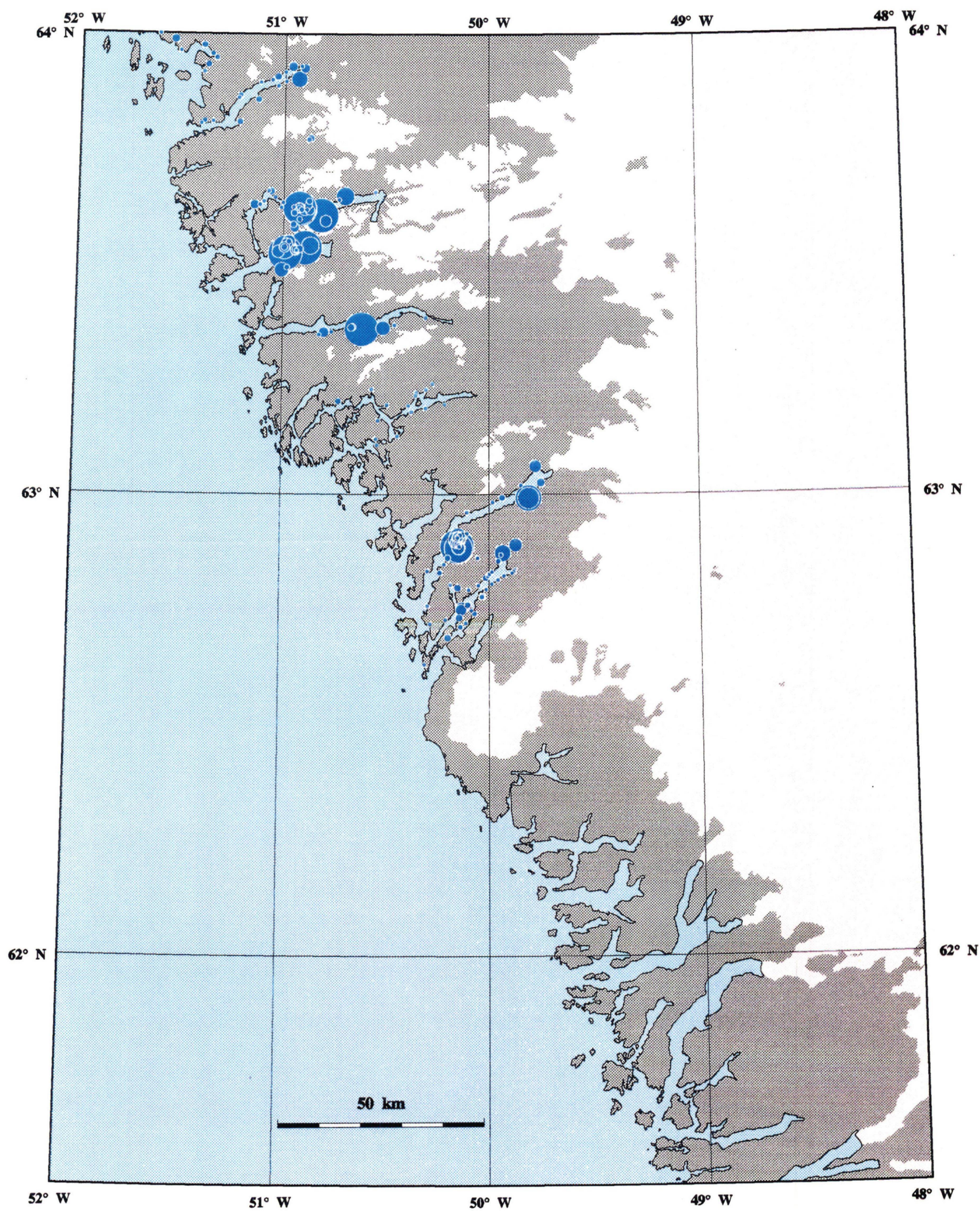




GEOCHEMICAL MAP : SCHEELITE IN HEAVY MINERAL CONCENTRATE

94/2-309 Paamiut - Buksefjorden

01 - DEC - 94

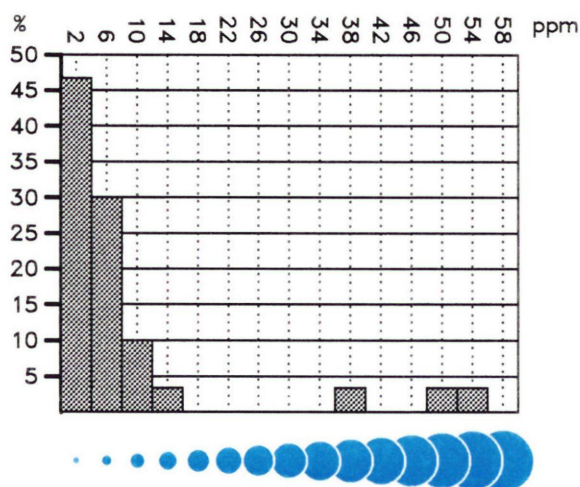


PANNED HEAVY MINERAL CONCENTRATE: Th

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Th ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	35
Min. value:	0
Max. value:	209
Mean:	32
Median:	6
Variance:	3527
Std. Dev.:	59

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1986.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Bondar – Clegg, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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GRØNLANDS GEOLOGISKE UNDERSØGELSE

The Geological Survey of Greenland
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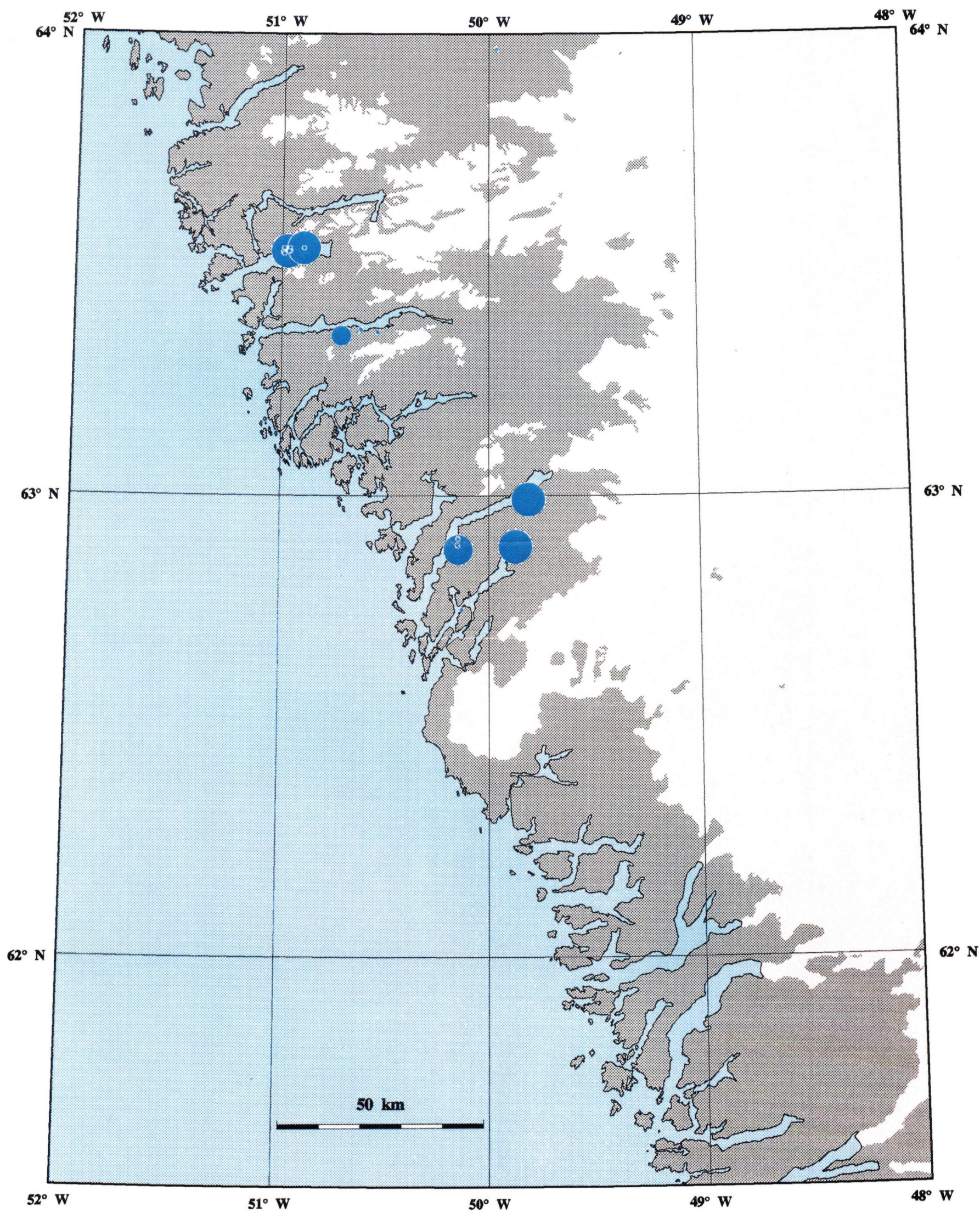




GEOCHEMICAL MAP : Th IN HEAVY MINERAL CONCENTRATE

94/2-310 Paamiut - Buksefjorden

01 - DEC - 94

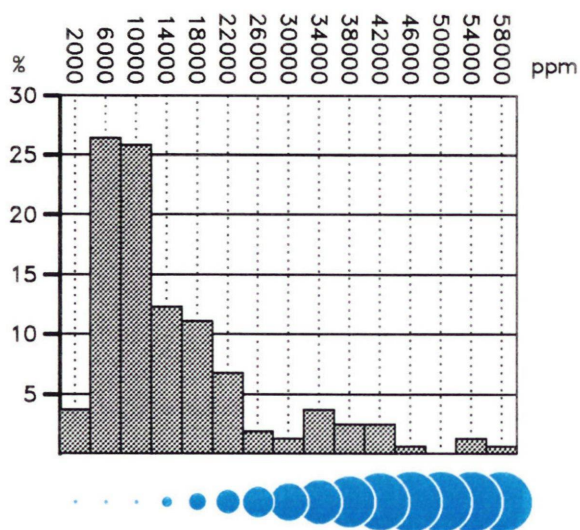


PANNED HEAVY MINERAL CONCENTRATE: Ti

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND
SYMBOL SIZE



Ti ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples: 165
Min. value: 1950
Max. value: 60000
Mean: 15117
Median: 10000
Variance: 145439280
Std. Dev.: 12060

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Optical emission spectroscopy

Laboratory:

Geologisk Institut

Afdeling for Petrologi

University of

Copenhagen, Denmark

Analyst: H. Bollingberg

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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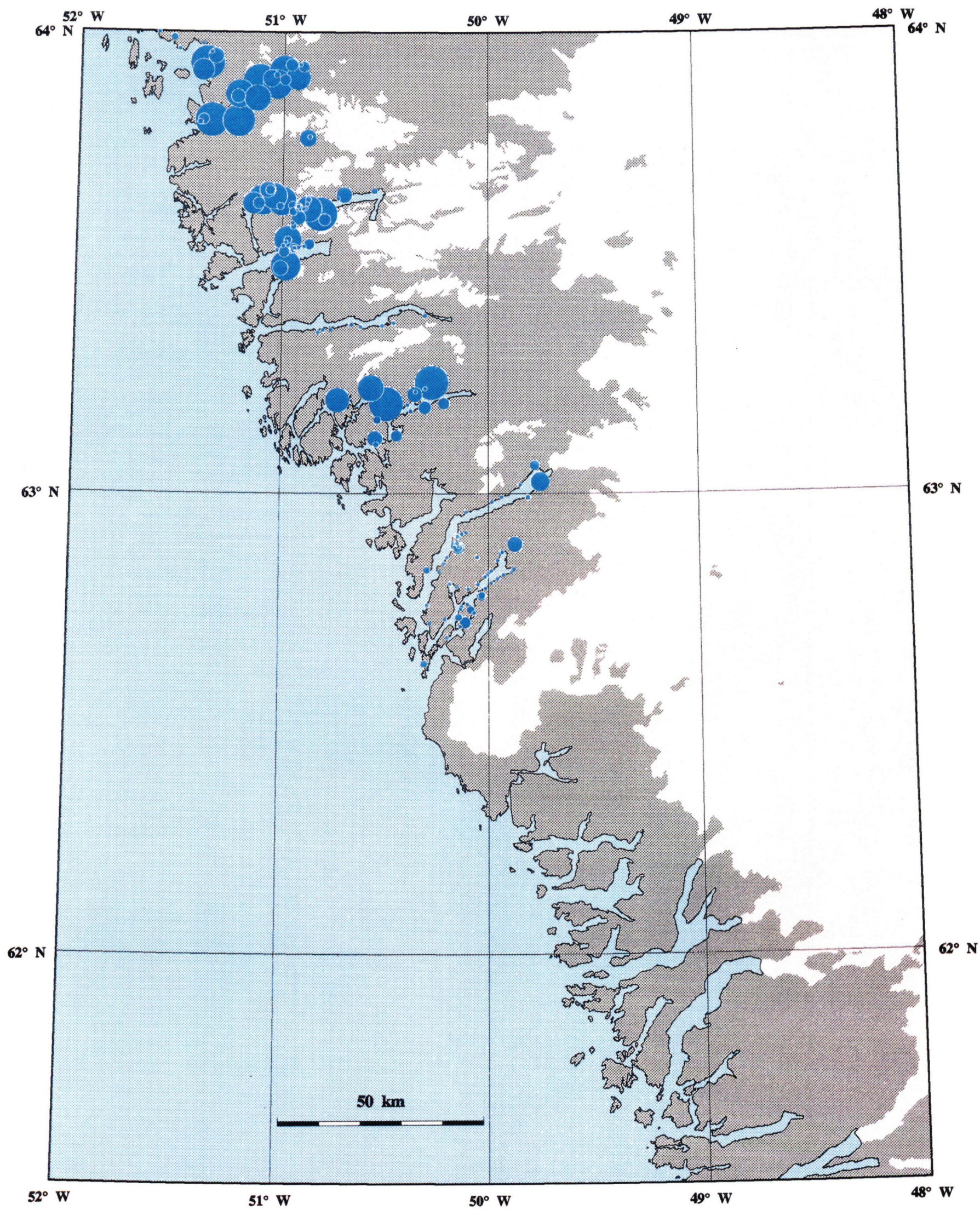




GEOCHEMICAL MAP : Ti IN HEAVY MINERAL CONCENTRATE

94/2-311 Paamiut - Buksefjorden

01 - DEC - 94

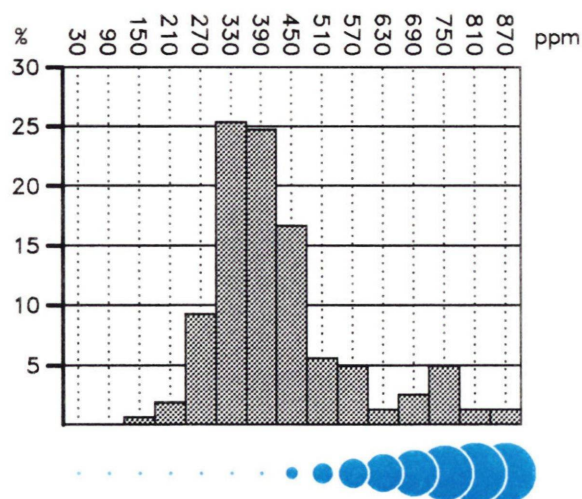


PANNED HEAVY MINERAL CONCENTRATE: V

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND
SYMBOL SIZE



V ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	145
Max. value:	1030
Mean:	431
Median:	390
Variance:	25327
Std. Dev.:	159

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform ($d = 2.82$)

Analyses:

Optical emission spectroscopy

Laboratory:

Geologisk Institut

Afdeling for Petrologi

University of

Copenhagen, Denmark

Analyst: H. Bollingberg

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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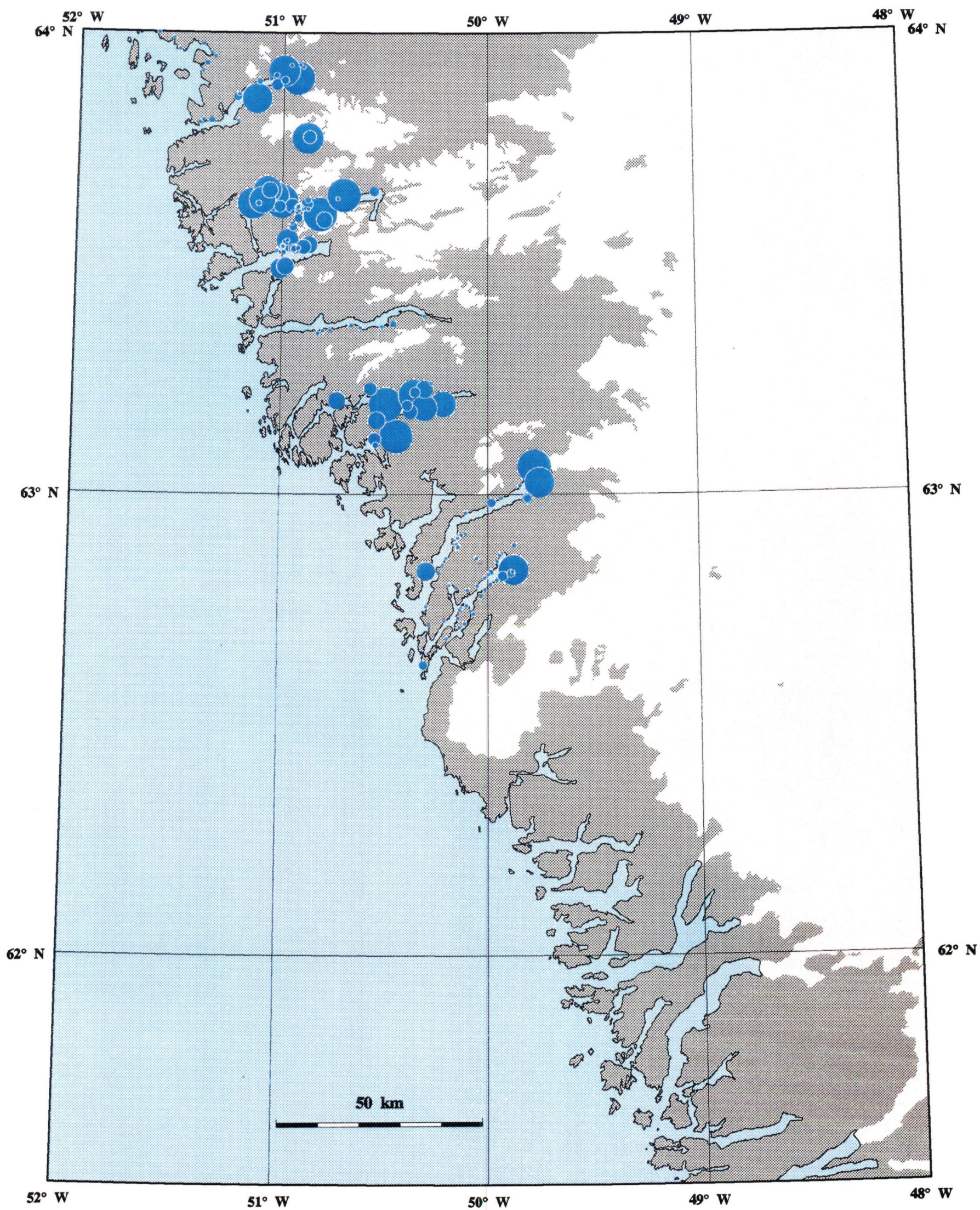




GEOCHEMICAL MAP : V IN HEAVY MINERAL CONCENTRATE

94/2-312 Paamiut - Buksefjorden

01 - DEC - 94

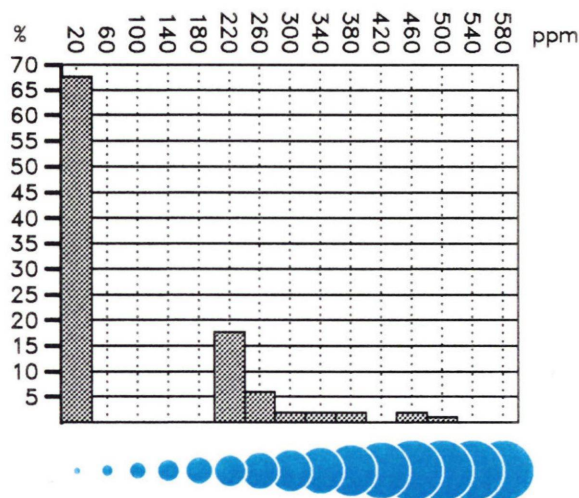


PANNED HEAVY MINERAL CONCENTRATE: Zn

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Zn ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	103
Min. value:	0
Max. value:	630
Mean:	91
Median:	0
Variance:	20330
Std. Dev.:	143

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1991.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <5 mm size fraction of 5 – 10 litres of gravel and sand

Sample preparation:

Separation of heavy minerals using a rotary automatic panning device ('Goldhound')

Analyses:

Instrumental neutron activation analysis (INAA)

Laboratory:

Activation Laboratories, Canada

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

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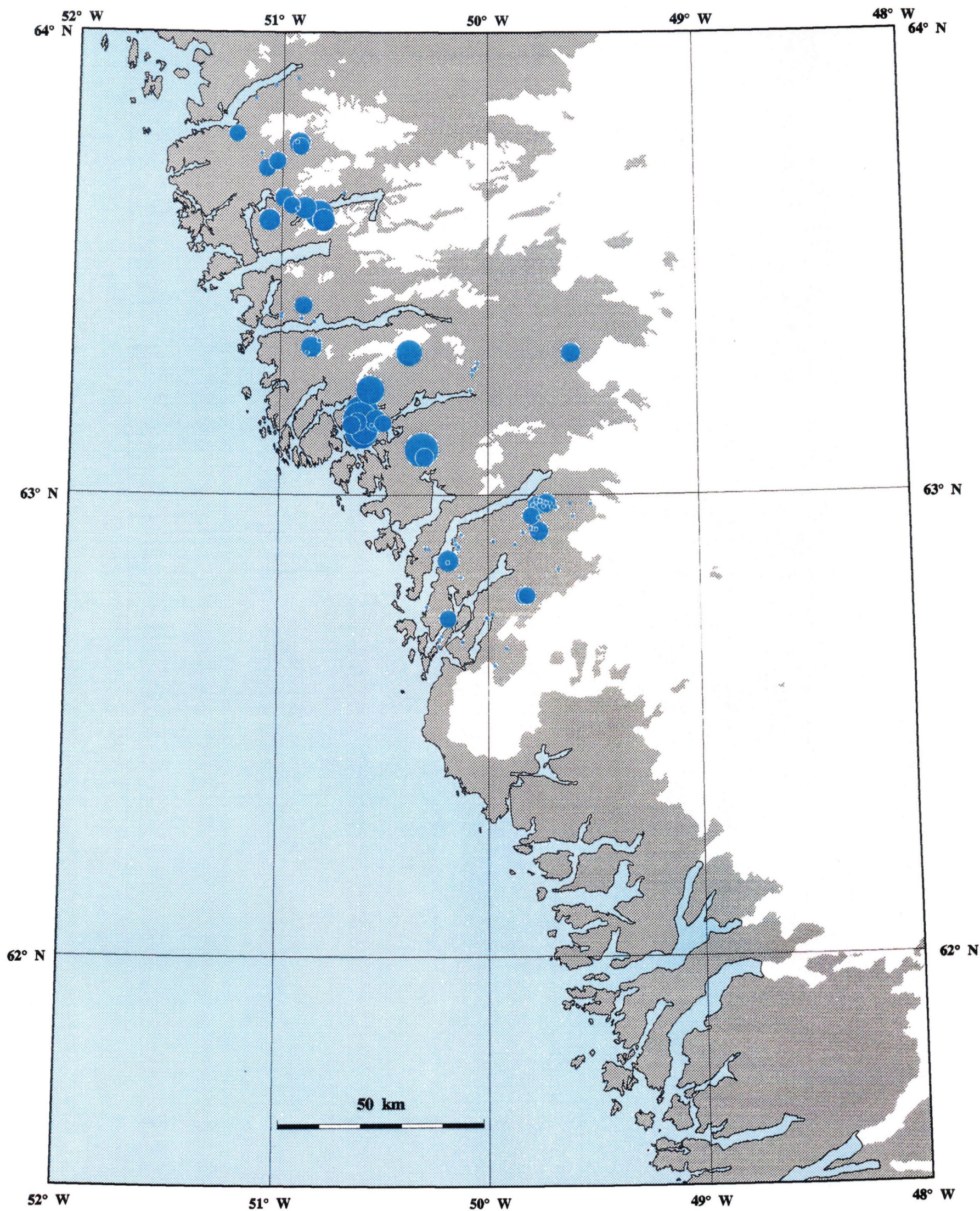




GEOCHEMICAL MAP : Zn IN HEAVY MINERAL CONCENTRATE

94/2-313 Paamiut - Buksefjorden

01 - DEC - 94

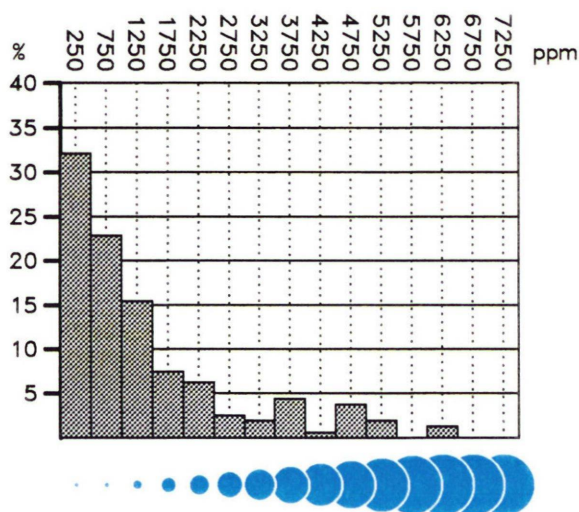


PANNED HEAVY MINERAL CONCENTRATE: Zr

Paamiut – Buksefjorden

Compiled by Peter W. Uitterdijk Appel

FREQUENCY DISTRIBUTION AND SYMBOL SIZE



Zr ppm

STATISTICAL PARAMETERS OF ANALYTICAL VALUES

Number of samples:	165
Min. value:	115
Max. value:	9999
Mean:	1494
Median:	830
Variance:	2964683
Std. Dev.:	1722

DATA ACQUISITION

Sampling of heavy mineral concentrates by the Geological Survey of Greenland in 1982 – 1985.

SURVEY SPECIFICATIONS

Sample density:

Variable

Sample type:

Panned heavy mineral concentrate using <1 mm size fraction of c. 10 kg of gravel and sand

Sample preparation:

Preparation of heavy minerals using bromoform (d = 2.82)

Analyses:

Optical emission spectroscopy

Laboratory:

Geologisk Institut
Afdeling for Petrologi
University of
Copenhagen, Denmark
Analyst: H. Bollingberg

Projection: Lambert conformal conic

Standard parallel: 66° 30' N

Scale factor: 0.99700

Ellipsoid: Clarke 1866

Datum: Qornoq

Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
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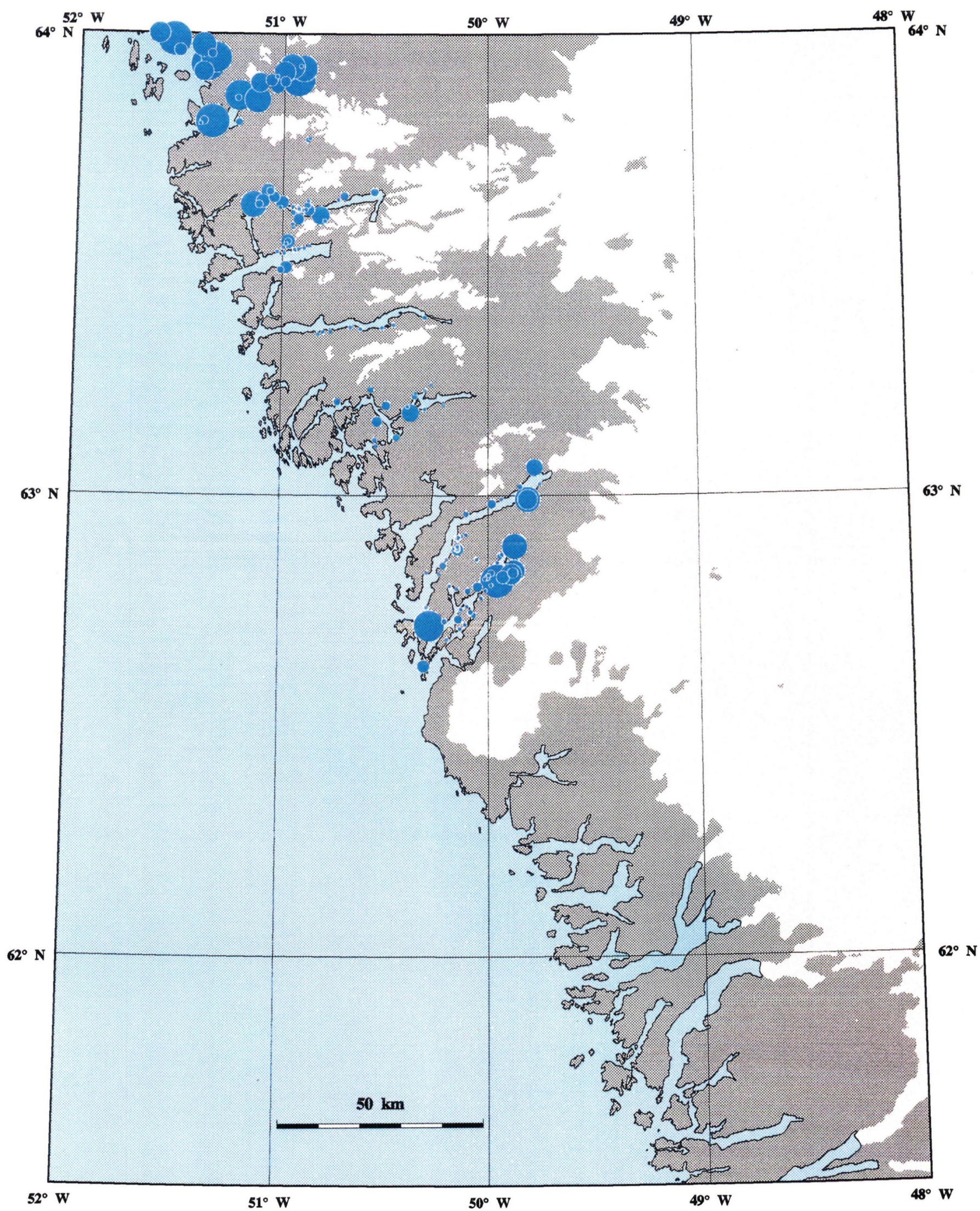




GEOCHEMICAL MAP : Zr IN HEAVY MINERAL CONCENTRATE

94/2-314 Paamiut - Bukseffjorden

01 - DEC - 94



Thematic map 94/2-401

MINERAL OCCURRENCES: Au and Pt Paamiut - Buksefjorden

Compiled by Peter W. Uitterdijk Appel

LEGEND

HOST ROCK

Metamorphic	
Volcanic	
Igneous	
Sedimentary	
Unknown	

GENETIC ENVIRONMENT

Magnetic	
Volcanogenic	
Igneous	
Sedimentary	
Syngenetic	
Epigenetic	
Hydrothermal	
Metamorphic	
Unknown	

MORPHOLOGY

Stratiform	
Stratabound	
Lenticular	
Massive	
Disseminated	
Vein	
Pipe	
Stockwork	
Other	

RESOURCE

Fe, V, Ti, Mn, Cr	
PGE, Au	
Mo, W, Sn, Nb, Sb, Bi	
Pb, Zn, Ag	
Gemstones, indust. mineral	
Cu, Ni, Co	
U, Th, Zr, Nb, REE	

MINERALOGY

Sulphide	Native element	Gemstone	Silicate
Other	Oxide	Sulphate	Phosphate Carbonate Indust. min.

DATA SOURCE

The Greenland mineral occurrence database (GREENMIN).

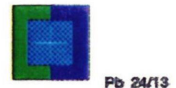
The data have been compiled from Survey reports, industry mineral assessment reports and published and unpublished research data.

All localities represent mineral occurrences observed on surface, in drill holes or mine workings.



EXAMPLE

Disseminated lead sulphide(s) of hydrothermal origin hosted by volcanic rock(s). More detailed information available from the Greenland mineral occurrence database, occurrence ID: 24/13. Underlining indicates the presence of several occurrence IDs on the same site.



Projection: Lambert conformal conic
Standard parallel: 66° 30' 00" N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

Ice margins and coast lines digitized from 1:250 000 topographic maps.
Permission No: KMS A.200/87

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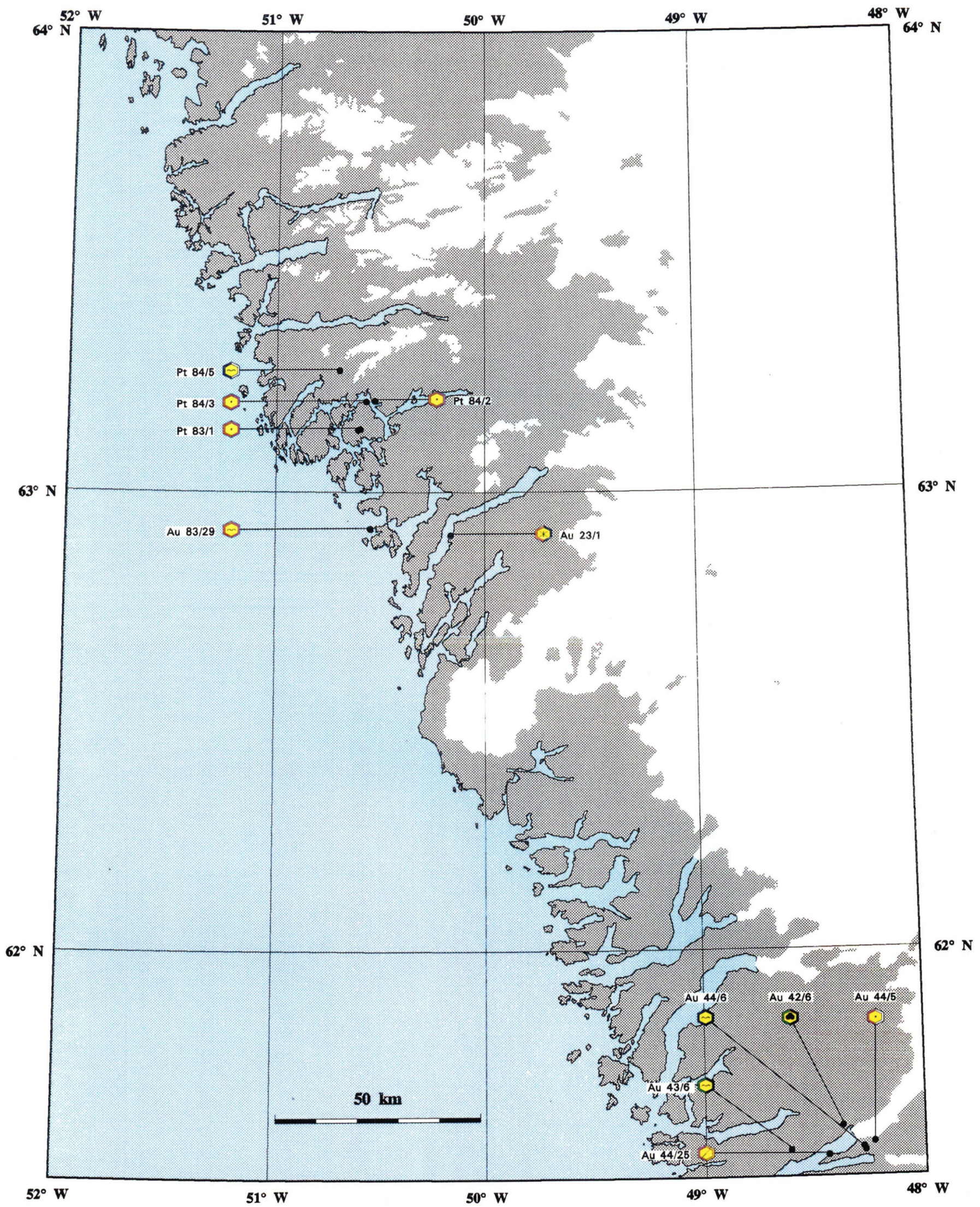




MINERAL OCCURRENCES MAP: Au and Pt

94/2-401 Paamiut - Buksefjorden

01 - DEC - 94



MINERAL OCCURRENCES: Cu, Ni and Zn

Paamiut - Buksefjorden

Compiled by Peter W. Uitterdijk Appel and Bridget Ady

LEGEND

HOST ROCK

Metamorphic	
Volcanic	
Igneous	
Sedimentary	
Unknown	

GENETIC ENVIRONMENT

	Magmatic
	Volcanogenic
	Igneous
	Sedimentary
	Syngenetic
	Epigenetic
	Hydrothermal
	Metamorphic
	Unknown

MORPHOLOGY

Stratiform	
Stratabound	
Lenticular	
Massive	
Disseminated	
Vein	
Pipe	
Stockwork	
Other	

RESOURCE

	Fe, V, Ti, Mn, Cr
	PGE, Au
	Mo, W, Sn, Hg, Sb, Bi
	Pb, Zn, Ag
	Gemstone, indust. mineral
	Cu, Ni, Co
	U, Th, Zr, Nb, REE

MINERALOGY

Sulphide	Native element	Gemstone	Silicate
Other	Oxide	Sulphate	Phosphate Carbonate Indust. min.

DATA SOURCE

The Greenland mineral occurrence database (GREENMIN).

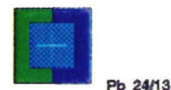
The data have been compiled from Survey reports, industry mineral assessment reports and published and unpublished research data.

All localities represent mineral occurrences observed on surface, in drill holes or mine workings.



EXAMPLE

Disseminated lead sulphide(s) of hydrothermal origin hosted by volcanic rock(s). More detailed information available from the Greenland mineral occurrence database, occurrence ID: 24/13. Underlining indicates the presence of several occurrence IDs on the same site.



Projection: Lambert conformal conic
Standard parallel: 66° 30' 00" N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
Scale: 1:1 000 000

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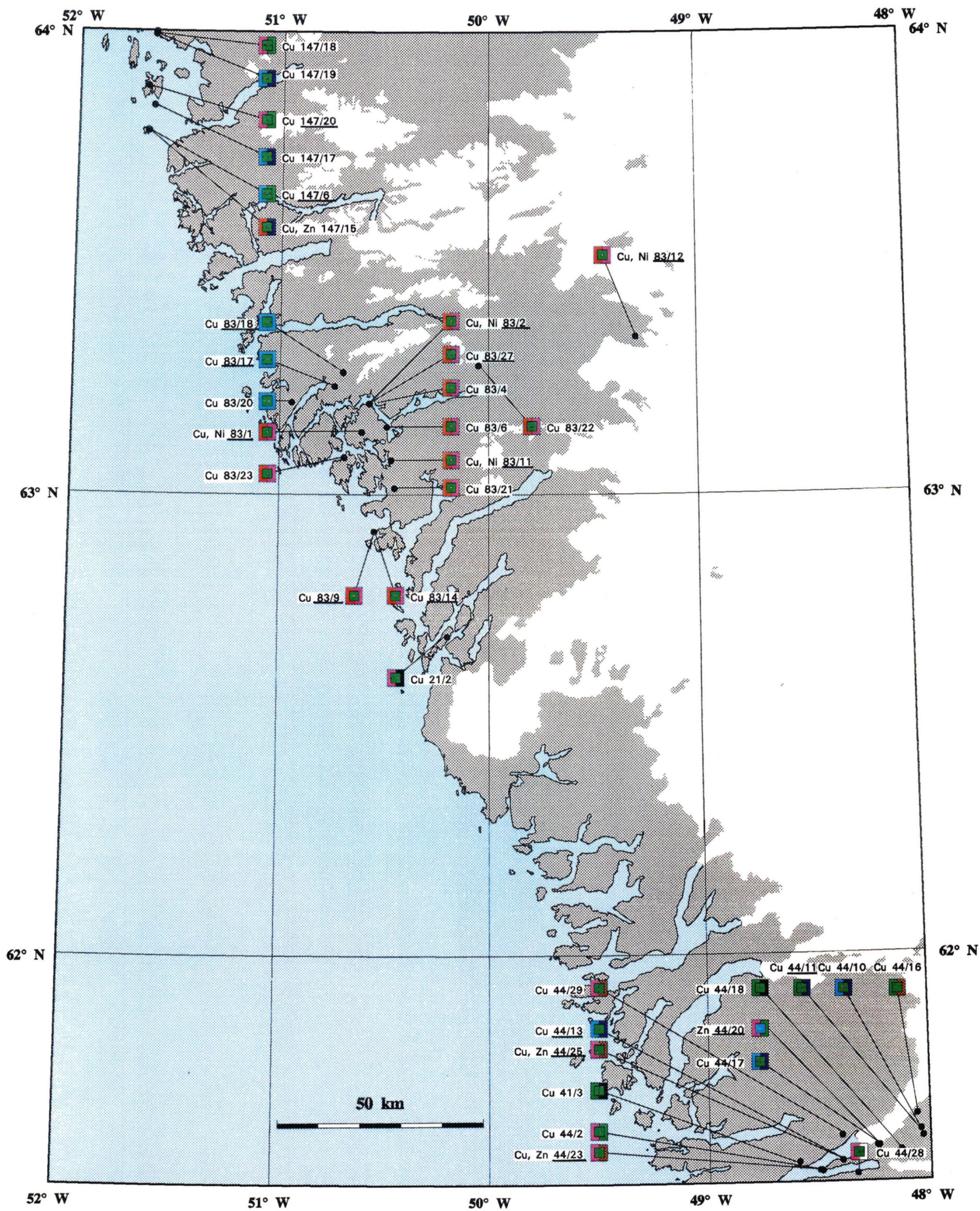




MINERAL OCCURRENCES MAP: Cu, Ni and Zn

94/2-402 Paamiut - Buksefjorden

01 - DEC - 94



Thematic map 94/2-403

MINERAL OCCURRENCES: Cr Paamiut - Buksefjorden

Compiled by Peter W. Uitterdijk Appel

LEGEND

HOST ROCK

Metamorphic	
Volcanic	
Igneous	
Sedimentary	
Unknown	

GENETIC ENVIRONMENT

Magmatic	
Volcanogenic	
Igneous	
Sedimentary	
Syngenetic	
Epigenetic	
Hydrothermal	
Metamorphic	
Unknown	

MORPHOLOGY

Stratiform	
Stratabound	
Lenticular	
Massive	
Disseminated	
Vein	
Pipe	
Stockwork	
Other	

RESOURCE

Fe, V, Ti, Mn, Cr	
PGE, Au	
Mo, W, Sn, Hg, Sb, Bi	
Pb, Zn, Ag	
Gemstone, Indust. mineral	
Cu, Ni, Co	
U, Th, Zr Nb, REE	

MINERALOGY



Sulphide



Native element



Gemstone



Silicate



Other



Oxide



Sulphate



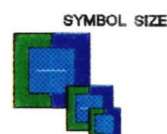
Phosphate
Carbonate
Indust. min.

DATA SOURCE

The Greenland mineral occurrence database (GREENMIN).

The data have been compiled from Survey reports, industry mineral assessment reports and published and unpublished research data.

All localities represent mineral occurrences observed on surface, in drill holes or mine workings.



ECONOMIC IMPORTANCE

Mine
Prospect
Showing

EXAMPLE

Disseminated lead sulphide(s) of hydrothermal origin hosted by volcanic rock(s). More detailed information available from the Greenland mineral occurrence database, occurrence ID: 24/13. Underlining indicates the presence of several occurrence IDs on the same site.



Pb 24/13

Projection: Lambert conformal conic
Standard parallel: 66° 30' 00" N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Gornoq
Scale: 1:1 000 000

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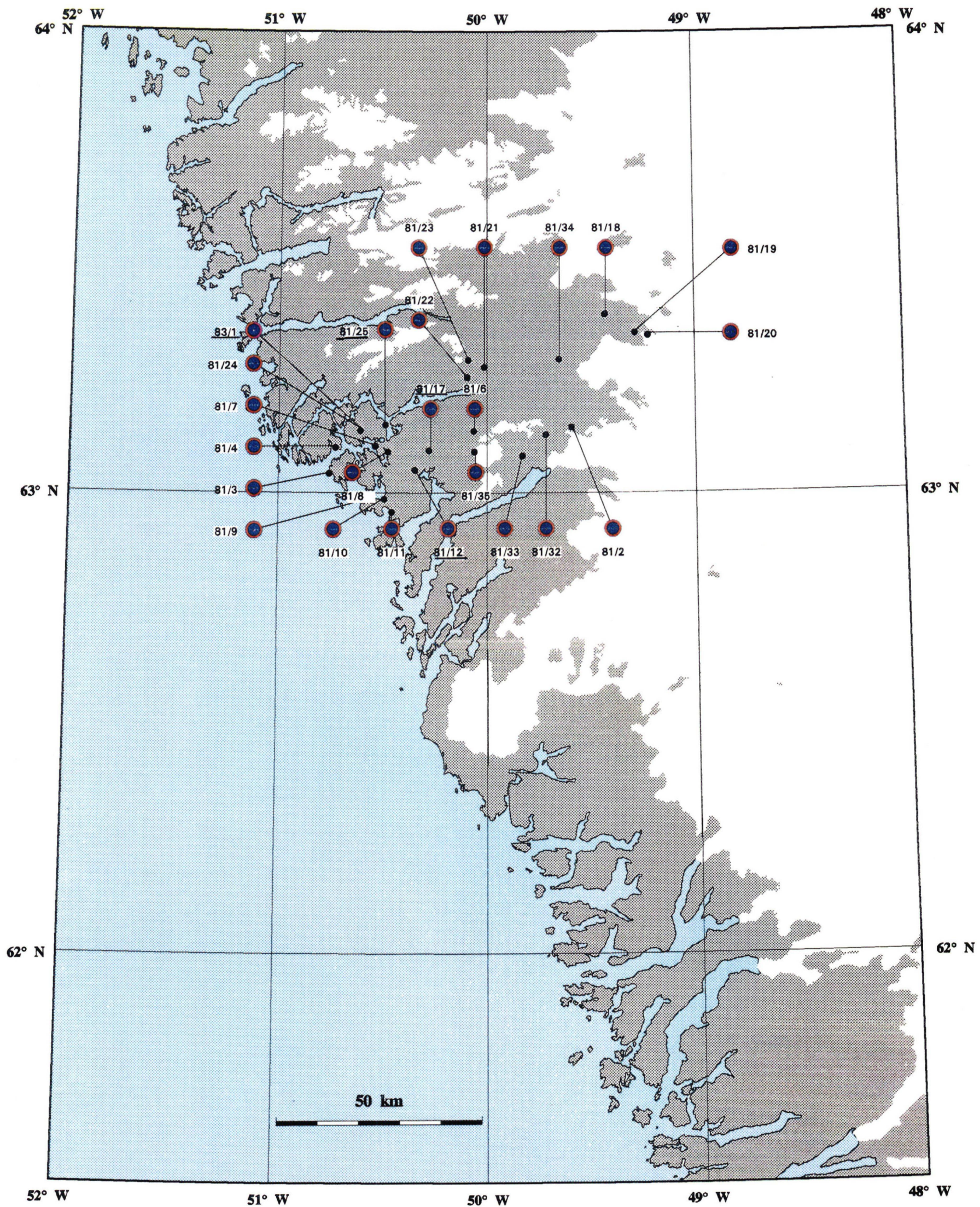




MINERAL OCCURRENCES MAP: Cr

94/2-403 Paamiut - Buksefjorden

01 - DEC - 94



Thematic map 94/2-404

MINERAL OCCURRENCES: Ruby Paamiut - Buksefjorden

Compiled by Peter W. Uitterdijk Appel

LEGEND

HOST ROCK

Metamorphic	
Volcanic	
Igneous	
Sedimentary	
Unknown	

GENETIC ENVIRONMENT

Magmatic	
Volcanogenic	
Igneous	
Sedimentary	
Syngenetic	
Epigenetic	
Hydrothermal	
Metamorphic	
Unknown	

MORPHOLOGY

Stratiform	
Stratabound	
Lenticular	
Massive	
Disseminated	
Vein	
Pipe	
Stockwork	
Other	

RESOURCE

Fe, V, Ti, Mn, Cr	
PGE, Au	
Mo, W, Sn, Hg, Sb, Bi	
Pb, Zn, Ag	
Gemstone, Indust. mineral	
Cu, Ni, Co	
U, Th, Zr, Nb, REE	

MINERALOGY

Sulphide	Native element	Gemstone	Silicate
			Phosphate Carbonate Indust. min.
Other	Oxide	Sulphate	

DATA SOURCE

The Greenland mineral occurrence database (GREENMIN).

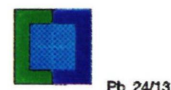
The data have been compiled from Survey reports, industry mineral assessment reports and published and unpublished research data.

All localities represent mineral occurrences observed on surface, in drill holes or mine workings.



EXAMPLE

Disseminated lead sulphide(s) of hydrothermal origin hosted by volcanic rock(s). More detailed information available from the Greenland mineral occurrence database, occurrence ID: 24/13. Underlining indicates the presence of several occurrence IDs on the same site.



Projection: Lambert conformal conic
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Scale factor: 0.99700
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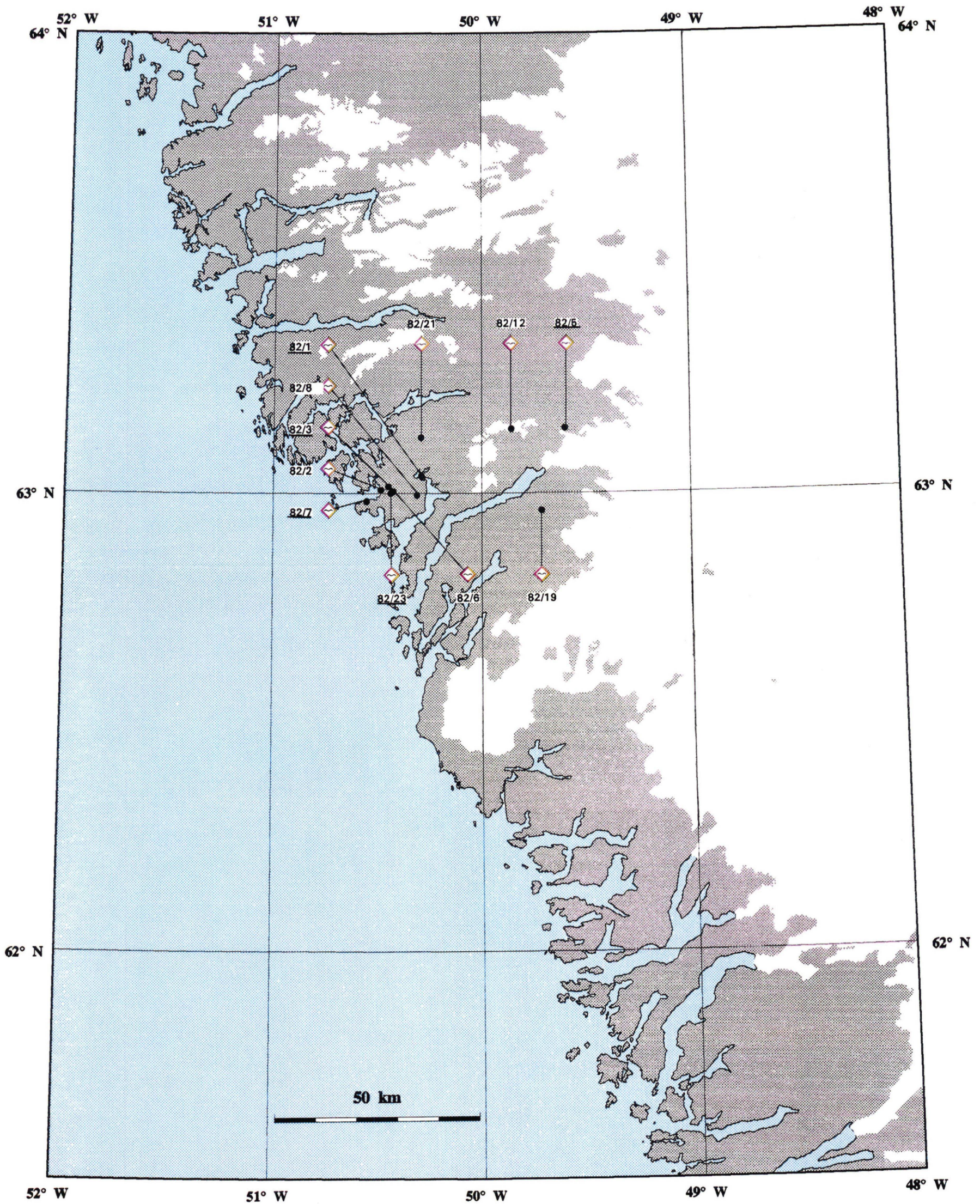




MINERAL OCCURRENCES MAP: Ruby

94/2-404 Paamiut - Buksefjorden

01 - DEC - 94



Thematic map 94/2-501

**KIMBERLITE, LAMPROPHYRE and ASSOCIATED ROCK LOCATIONS
Paamiut - Buksefjorden**

Compiled by Peter W. Ulterdijk Appel

ROCK TYPES



kimberlites



**ultramafic lamprophyres
and associated rocks**

LOCATION NUMBERS

e.g 61V1.30

GGU Map Sheet No.

Consecutive ID

DATA SOURCE

Original data compiled from internal reports, field diaries, field maps, assessment reports, scientific papers, theses and other sources.

Larsen, L. M.; 1991: Occurrences of kimberlite, lamproite and ultramafic lamprophyre in Greenland. Open File Ser. 91/2 Grønlands geol. unders. 91/2

Projection: Lambert conformal conic
Standard parallel: 66° 30' 00" N
Scale factor: 0.99700
Ellipsoid: Clarke 1866
Datum: Qornoq
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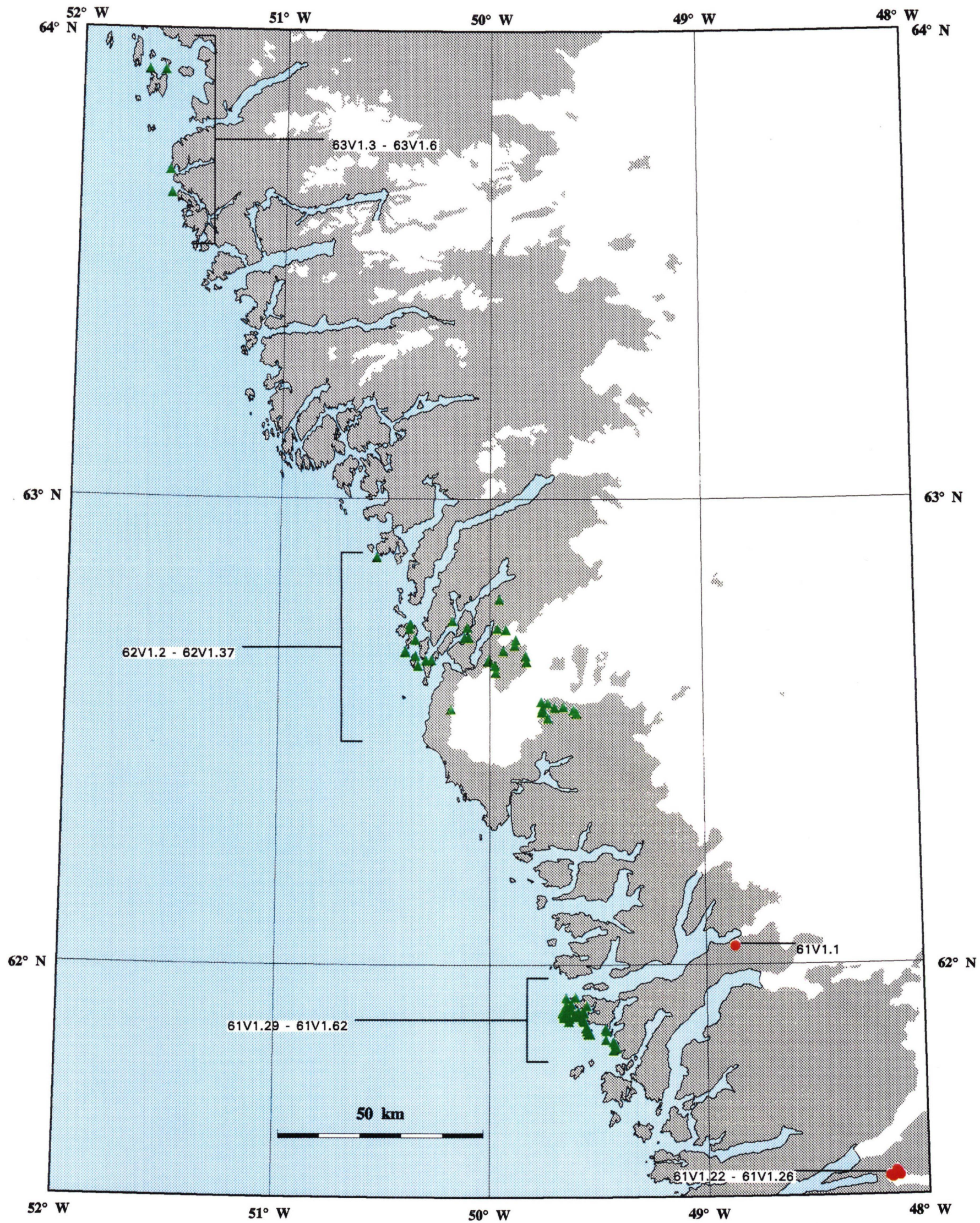




KIMBERLITE, LAMPROPHYRE AND ASSOCIATED ROCK LOCATIONS

94/2-501 Paamiut - Buksefjorden

01 - DEC - 94



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