

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT

THIS REPORT IS PRELIMINARY
AND HAS NOT BEEN EDITED OR REVIEWED FOR CONFORMITY
WITH GEOLOGICAL SURVEY STANDARDS OR NOMENCLATURE.

DATA INDEX MAPS FOR UNITED STATES
OFFSHORE AREAS



75-350

1975

DATA INDEX MAPS FOR UNITED STATES OFFSHORE AREAS

A set of index maps showing location of available U.S. Geological Survey geophysical and geologic data for the United States continental margins has been prepared at a scale of 1:1,000,000. Coverage included shelves of seven bordering major water bodies: Atlantic Ocean, Gulf of Mexico (at 1:2,500,000), Caribbean Sea (at 1:2,500,000), Pacific Ocean, Gulf of Alaska, Bering Sea, and Chukchi Sea.

For each area a mylar base showing coastline and contours indicating edge of shelf and base of slope has been compiled. Where available, four types of data are shown, each compiled on a separate mylar overlay.

Single channel seismic track lines:	reflection:	_____
	refraction:	---■---■---
	sonbuoy :	---[]---
Gravity track lines:	Bouguer :	---▲---▲---
	free air :
Magnetic track lines:	ship :	---●---●---
	aero :	---X---X---
Geologic sample localities:	▲ grab	
	● core	
	◆ dredge	
	■ box core	
	⊙ drill hole	

Ozalid copies of the mylar overlays may be obtained at cost from the U.S. Geological Survey, AOCSR Project - Mail Stop 955, Reston, Va., 22092.

This notebook contains page-size reproductions of the original maps. The mylar sheets were reduced to one-fourth of the original size, so that the scale is approximately 1:4,000,000 except for the Gulf of Mexico and the Caribbean Sea sheets which are approximately 1:10,000,000. All data shown was collected prior to 1973 unless otherwise indicated on the map.

Compilation by E.G.A. Weed and A.V. Rossi, U.S. Geological Survey, Reston, VA., 1974.

U. S. Geological Survey
OPEN FILE REPORT 75-350
This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

CONTENTS

AREA	TYPE OF DATA*				
	Base	Single channel seismic	Gravity	Magnetic	Sample
Atlantic Ocean (3 sheets)					
North	X	X	X	X	X
Middle	X	X	X	X	X
South	X	X	X	X	X
(maps 1-15)					
Gulf of Mexico (1 sheet)	X	X	X	X	X
(maps 16-20)					
Caribbean Sea (2 sheets)					
West	X	X	X	X	
East	X	X	X	X	X
(maps 21-30)					
Pacific Ocean (2 sheets)					
California	X	X	X	X	X
Washington-Oregon	X	X	X	X	X
(maps 31-40)					
Gulf of Alaska and Aleutian Trench (1 sheet)	X	X		X	X
(maps 41-44)					
Bering Sea (7 sheets)					
Southern Bering Sea -1	X	X		X	X
-2	X	X		X	X
-3	X	X		X	X
-4	X	X		X	X
-5	X	X		X	X
-6	X	X		X	X
Northern Bering Sea	X	X			X
(maps 45-71)					
Chukchi Sea (1 sheet)	X	X	X	X	
(maps 72-75)					

*Data available is indicated by X under type of data heading.

ATLANTIC OCEAN: NOVA SCOTIA TO NEW JERSEY (SHEET 1)

NEW JERSEY TO SOUTH CAROLINA (SHEET 2)

SOUTH CAROLINA TO THE FLORIDA KEYS (SHEET 3)

Available data:

Bathymetric base

Common Depth Point (none)

Single channel seismic

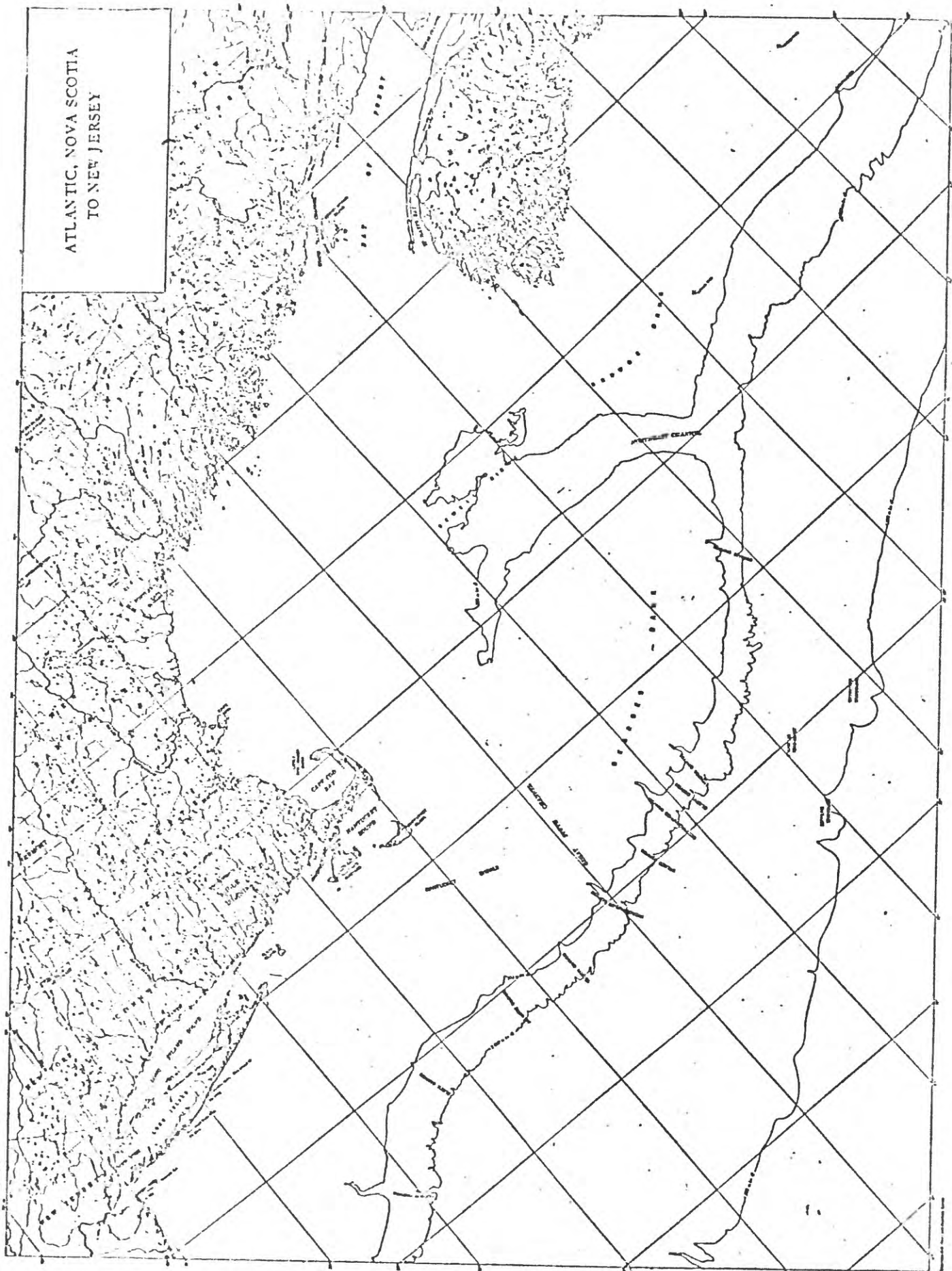
Gravity

Magnetic

Samples

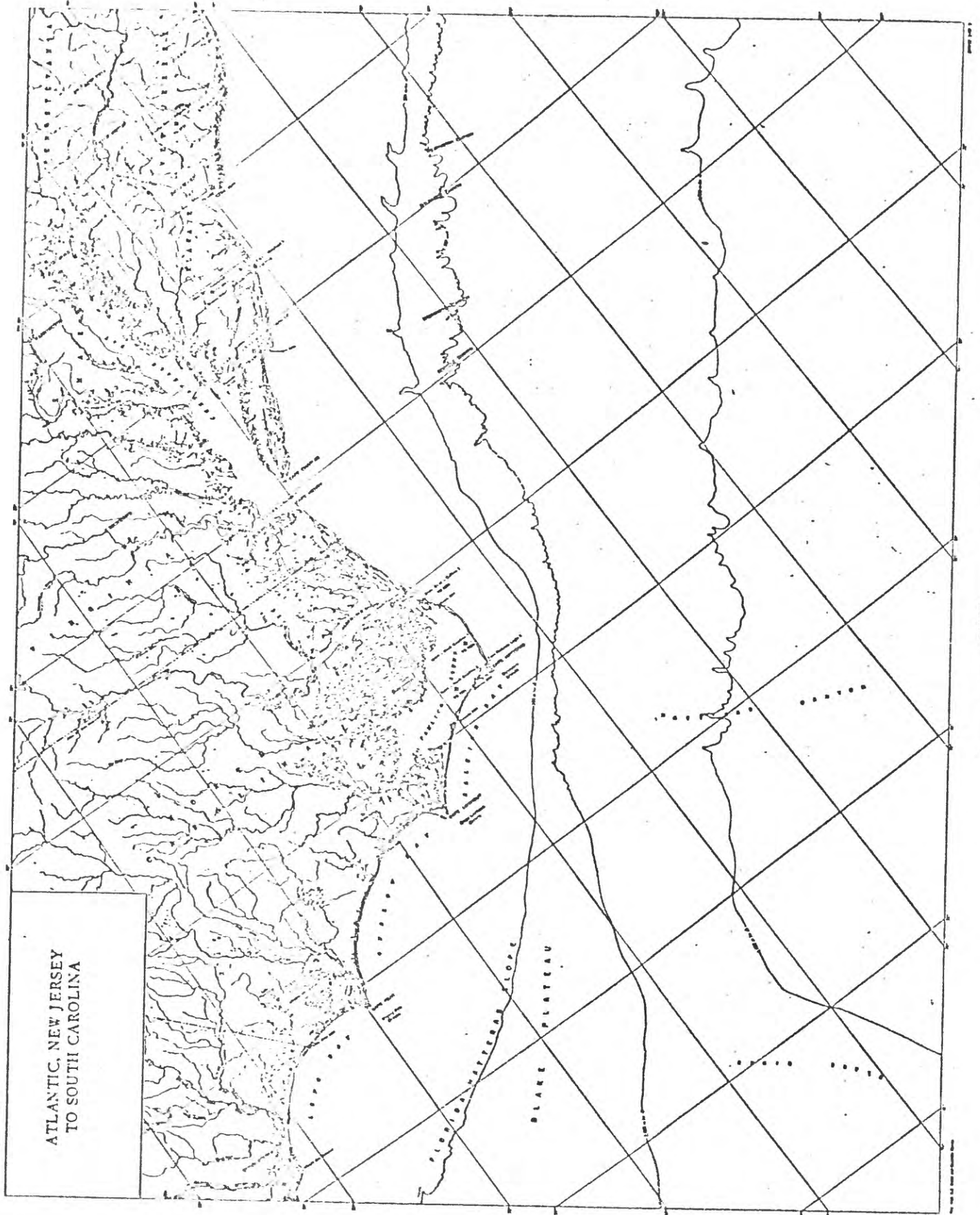
ATLANTIC, NOVA SCOTIA TO NEW JERSEY

NAVY OFFICE, DEPARTMENT OF THE NAVY
WASHINGTON, D.C.



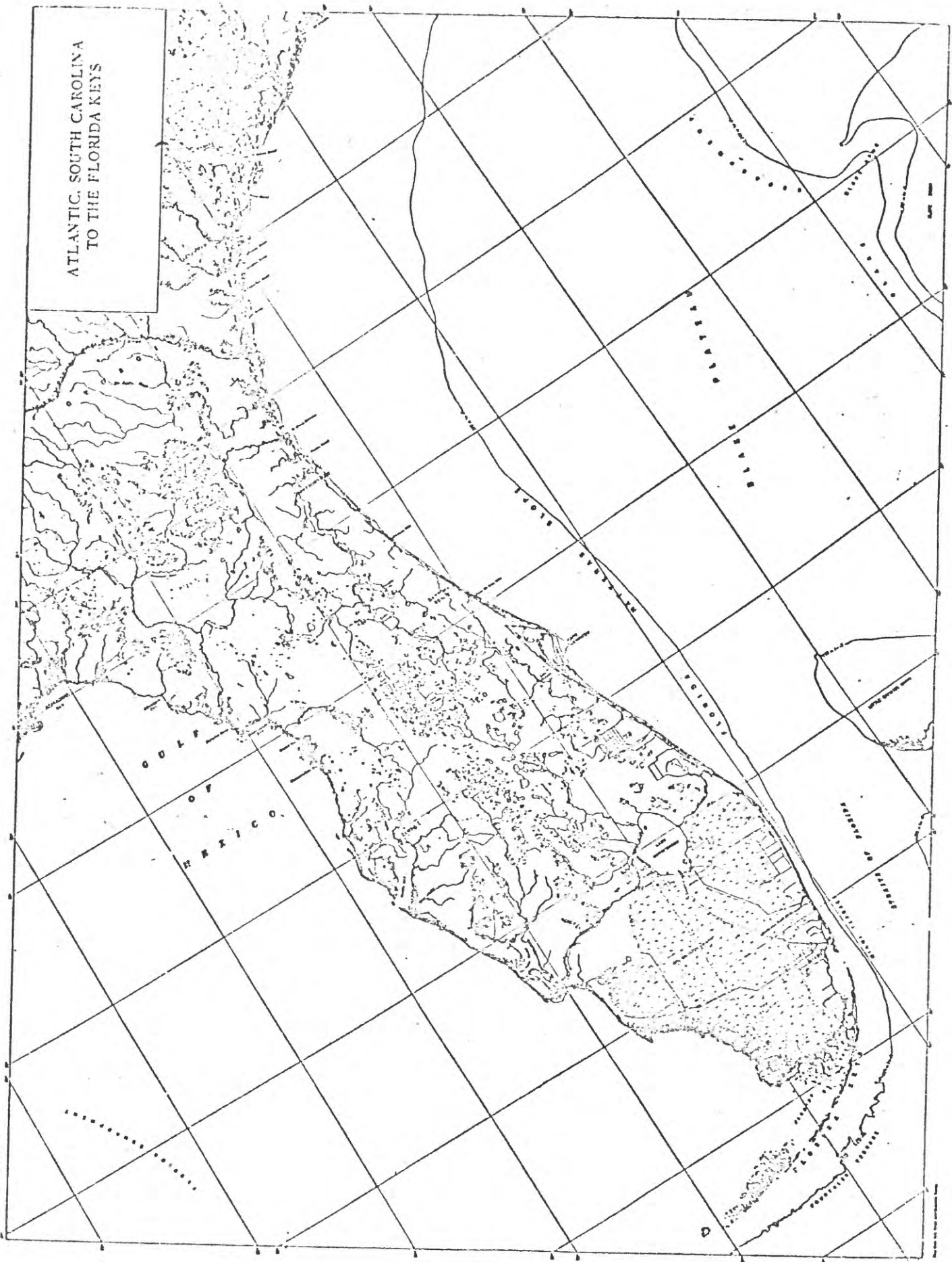
NAVY OFFICE, DEPARTMENT OF THE NAVY
WASHINGTON, D.C.

ATLANTIC, NEW JERSEY
TO SOUTH CAROLINA



Geological map of the Atlantic coast of the United States, from New Jersey to South Carolina, showing the Blake Plateau and the Blake Escarpment. The map is based on data from the United States Geological Survey and the United States Navy. The map is published by the United States Government Printing Office, Washington, D.C., 1960.

ATLANTIC, SOUTH CAROLINA
TO THE FLORIDA KEYS

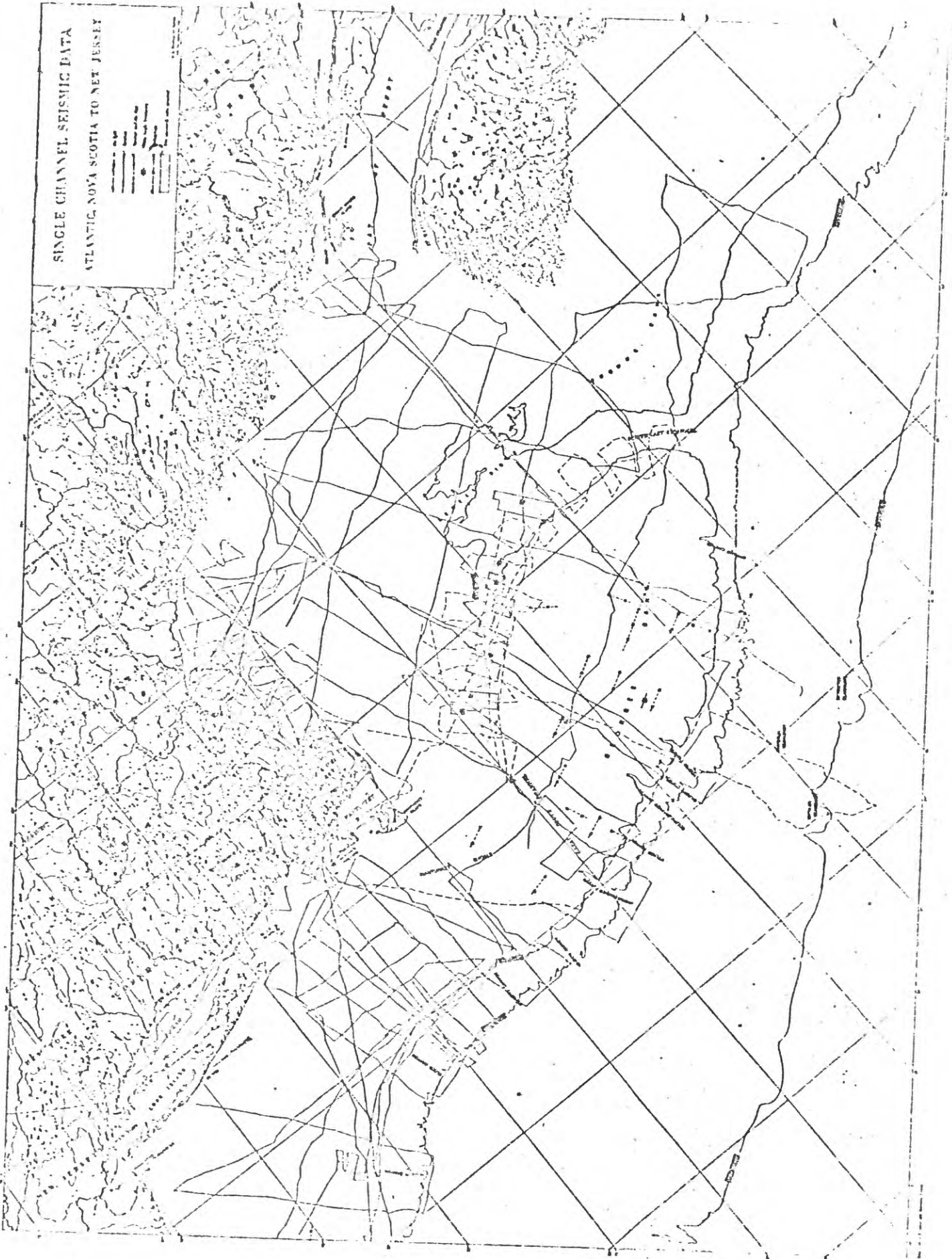


SINGLE CHANNEL SEISMIC DATA

ATLANTIC, NOVA SCOTIA TO NEW JERSEY

—	1000
—	2000
—	3000
—	4000
—	5000
—	6000
—	7000
—	8000
—	9000
—	10000

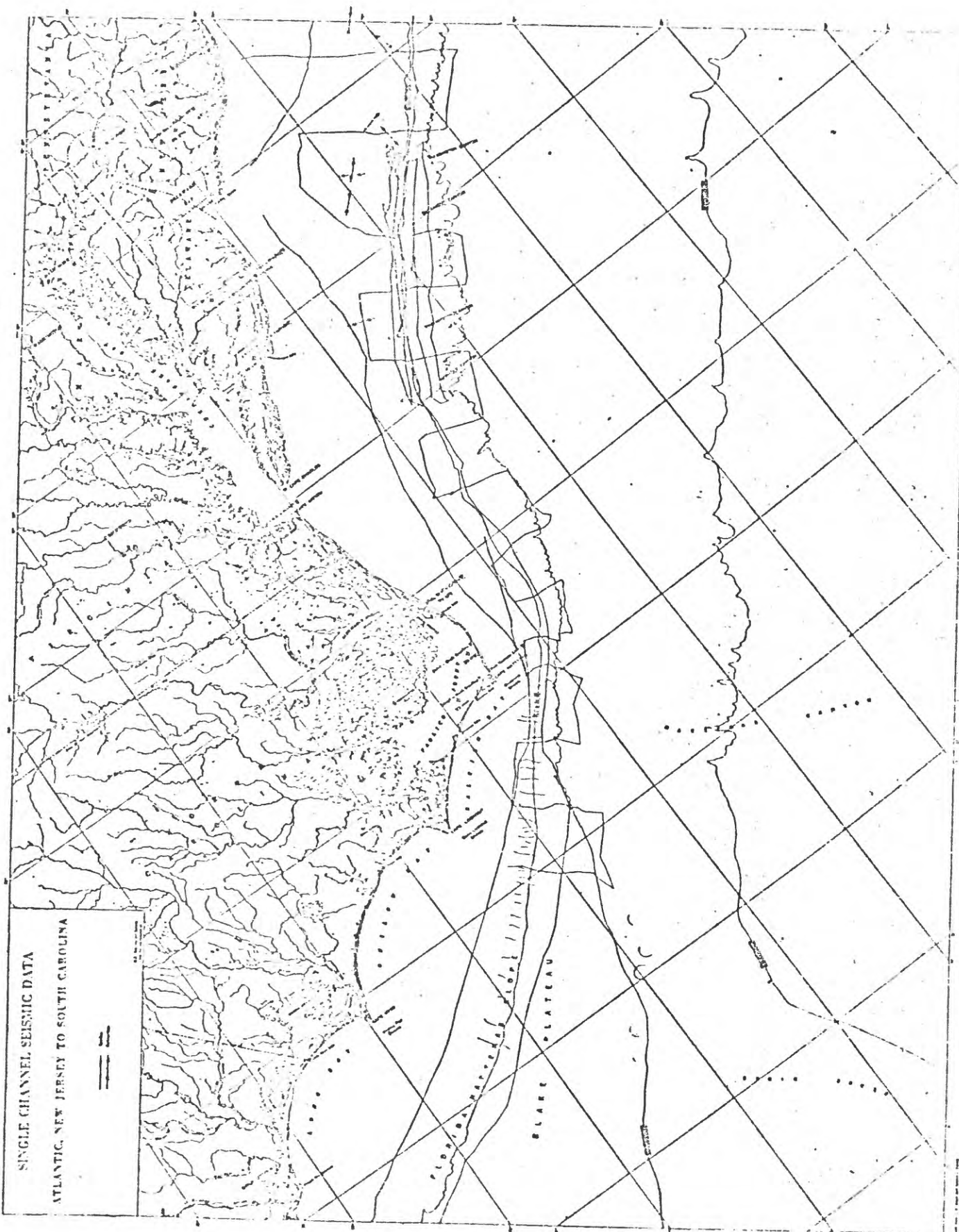
Seismic Station and Number of the Station



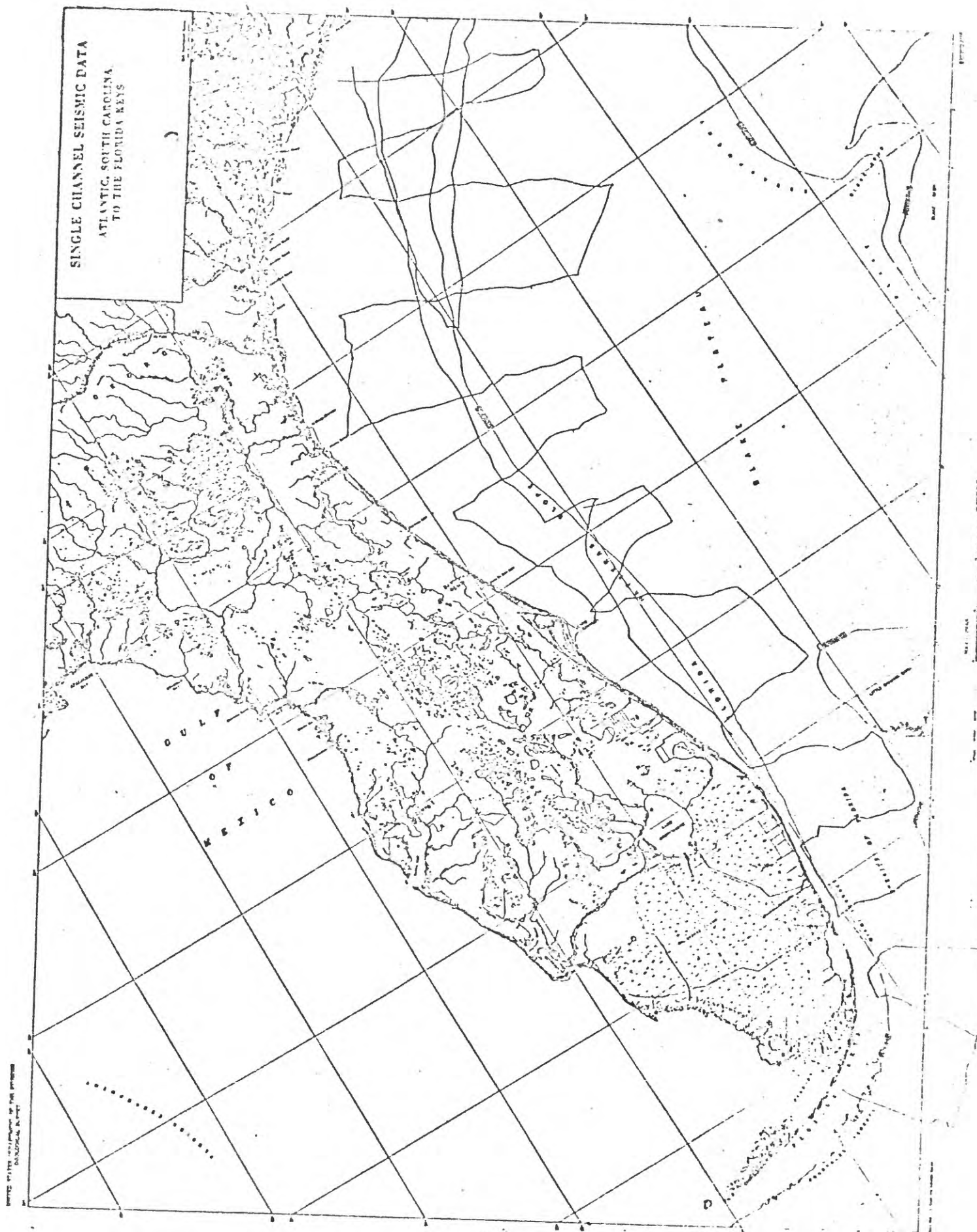
SINGLE CHANNEL SEISMIC DATA

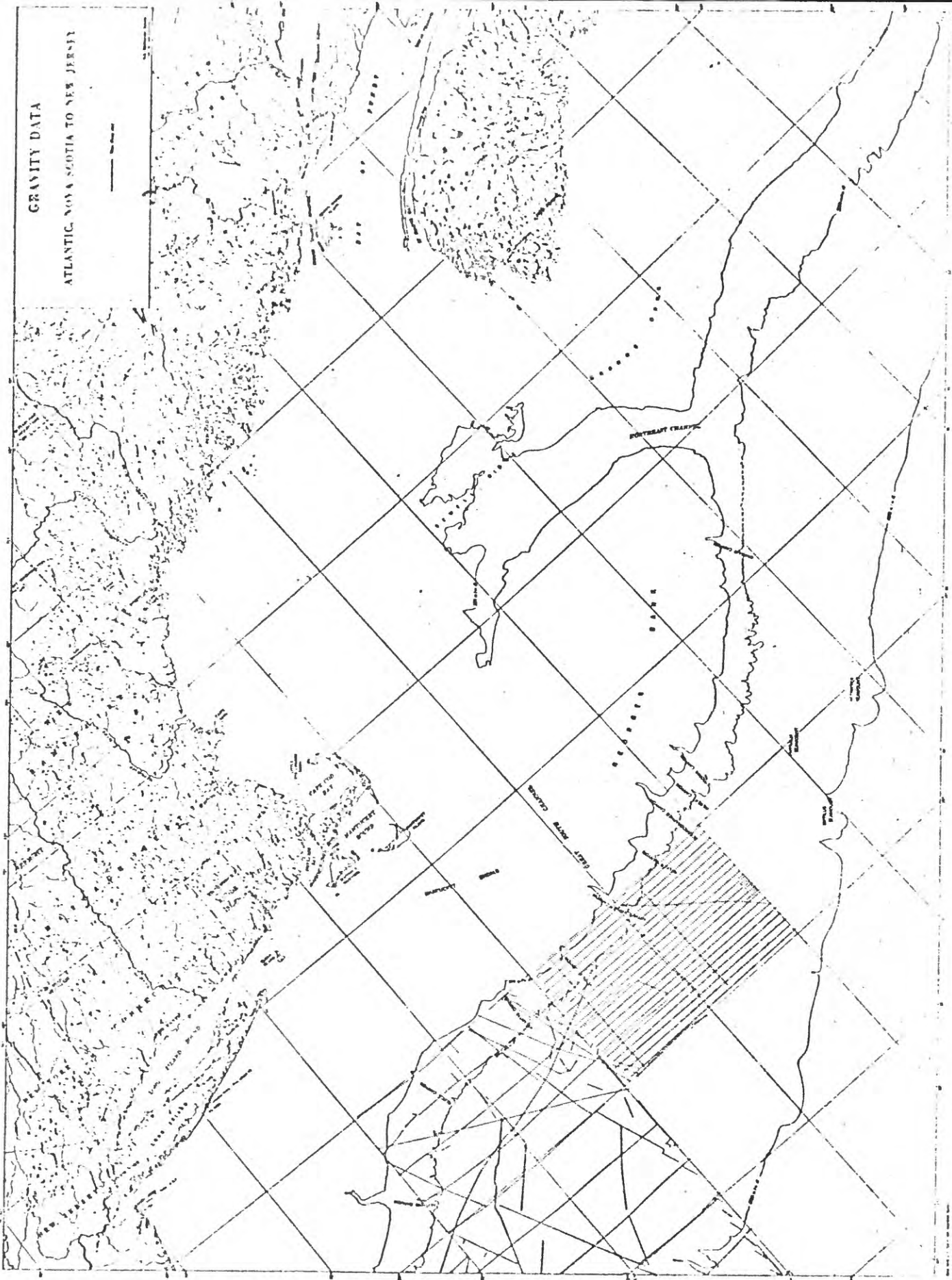
ATLANTIC, NEW JERSEY TO SOUTH CAROLINA

1:500,000



SINGLE CHANNEL SEISMIC DATA
ATLANTIC, SOUTH CAROLINA
TO THE FLORIDA KEYS

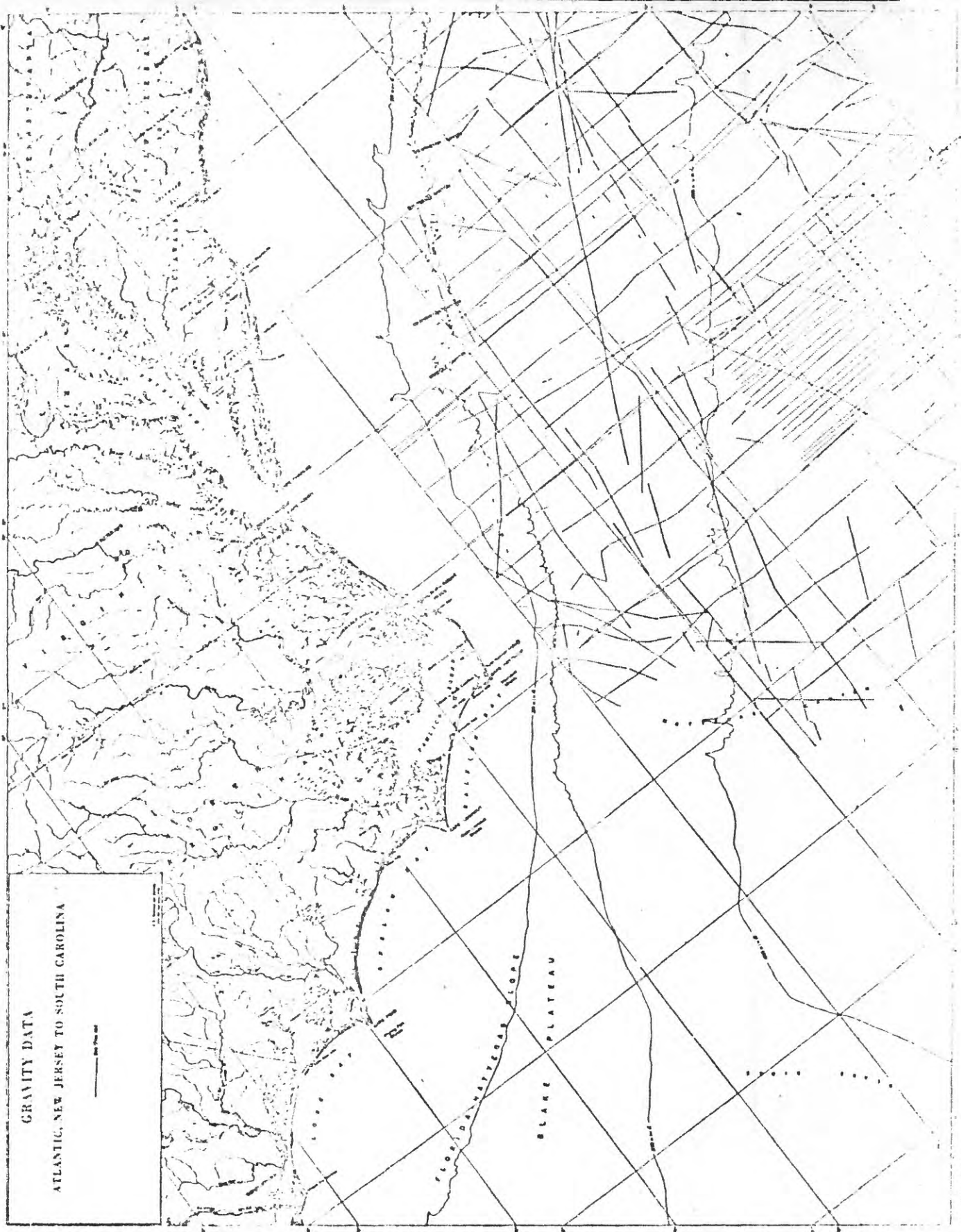


[illegible]

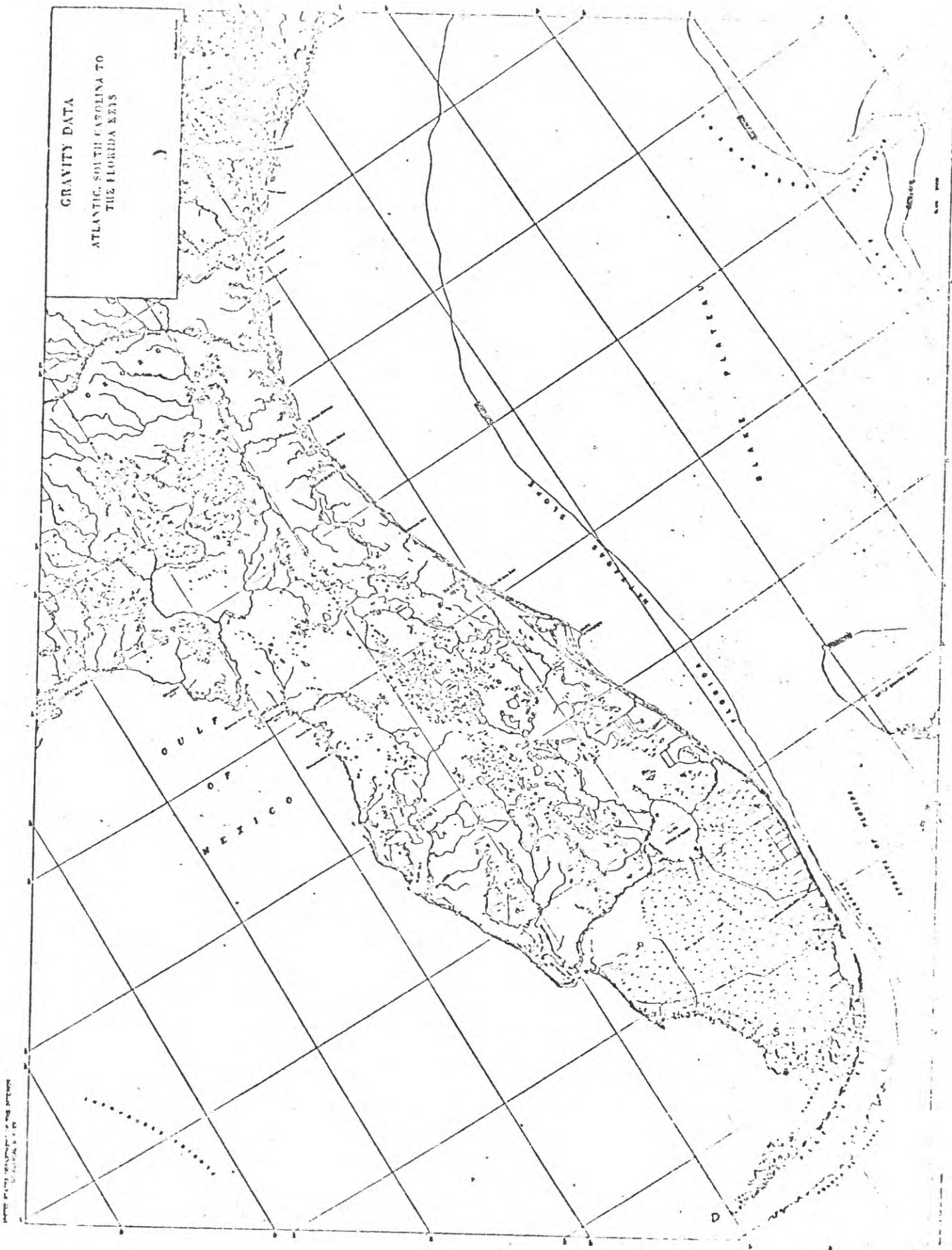
GRAVITY DATA

ATLANTIC, NEW JERSEY TO SOUTH CAROLINA

100 Feet



GRAVITY DATA
ATLANTIC, SOUTH CAROLINA TO
THE FLORIDA KEYS

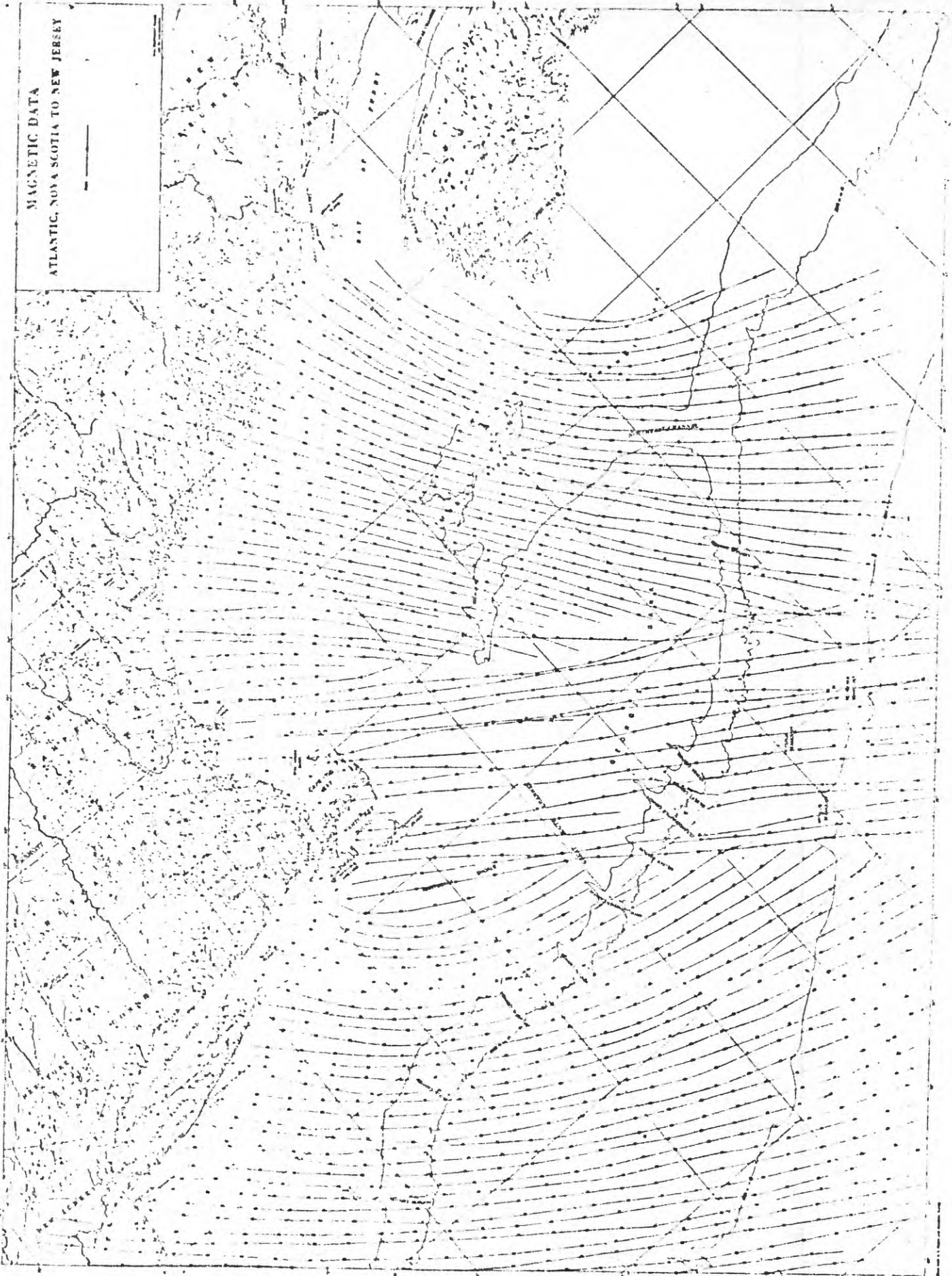


MAGNETIC DATA

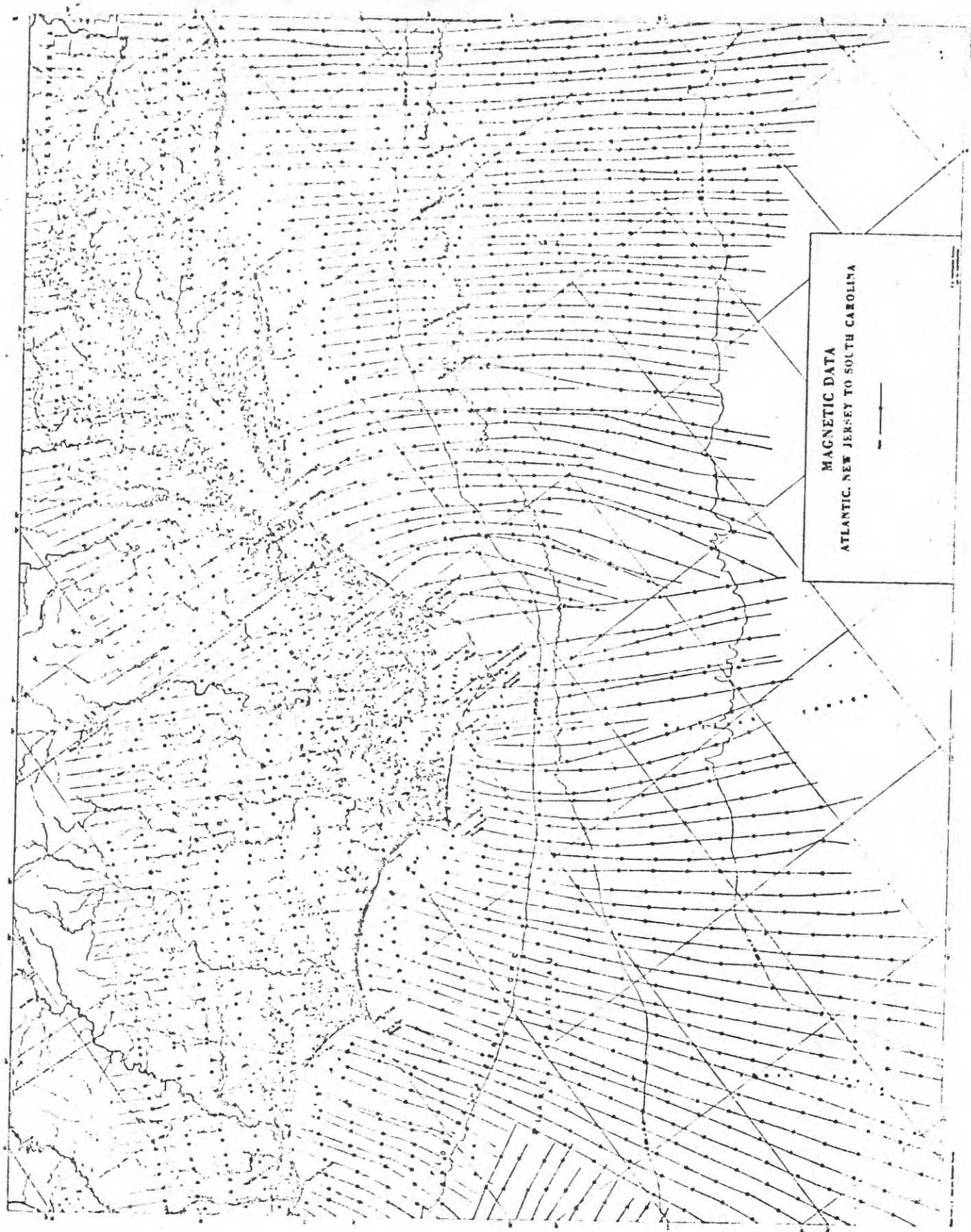
ATLANTIC, NOVA SCOTIA TO NEW JERSEY

—

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

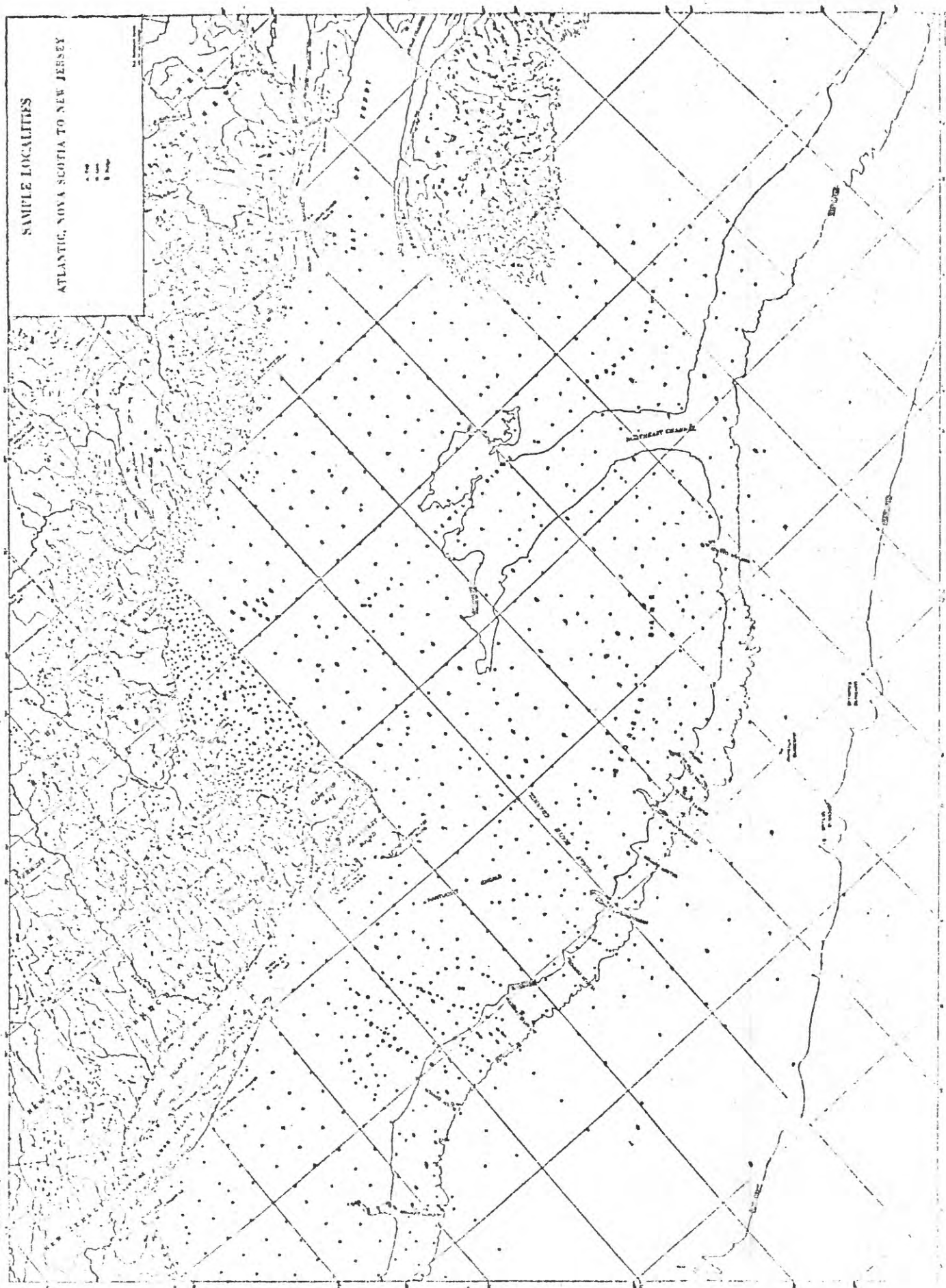


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY

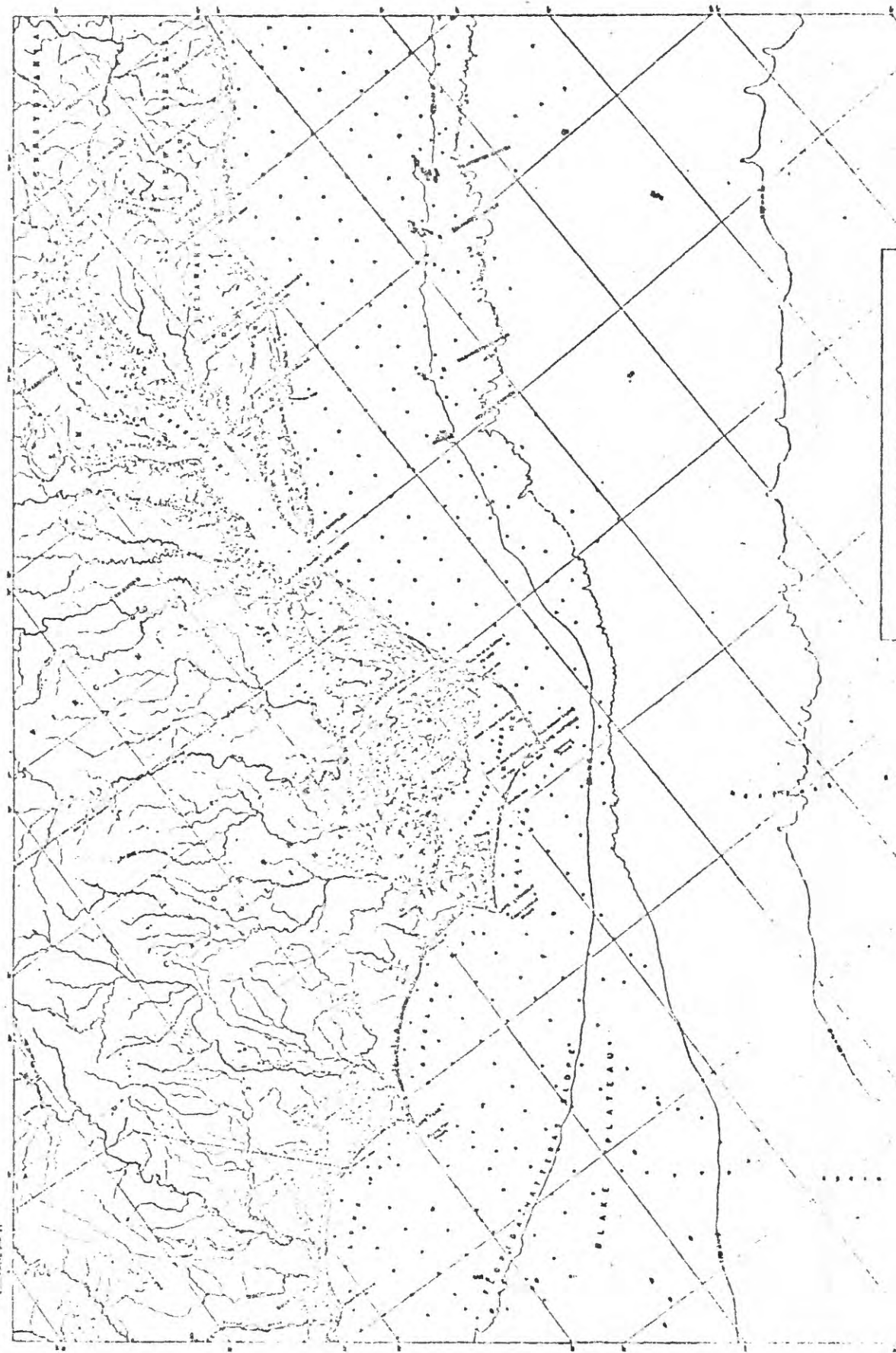


MAGNETIC DATA
ATLANTIC, NEW JERSEY TO SOUTH CAROLINA

ATLANTIC, 4004 SCOTIA TO NEW JERSEY



SAMPLE LOCALITIES
ATLANTIC, NEW JERSEY TO SOUTH CAROLINA



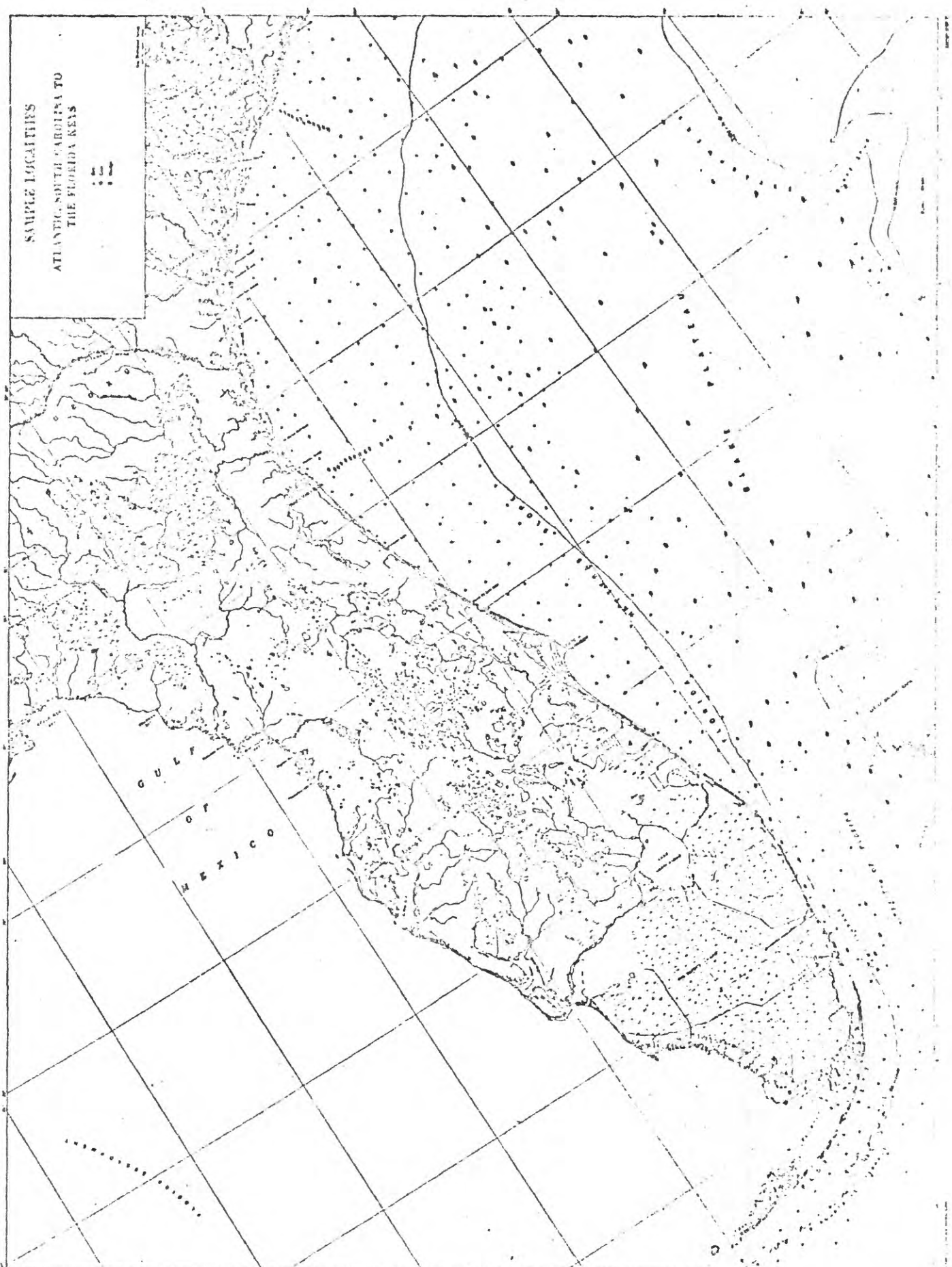
14

SAMPLE LOCALITIES

ATLANTIC SOUTH CAROLINA TO
THE FLORIDA KEYS

1:1

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF GEOLOGICAL SURVEY



GULF OF MEXICO (1 SHEET)

Available data:

Bathymetric base

Common Depth Point (none)

Single channel seismic

Gravity

Magnetic

Samples

GULF OF MEXICO

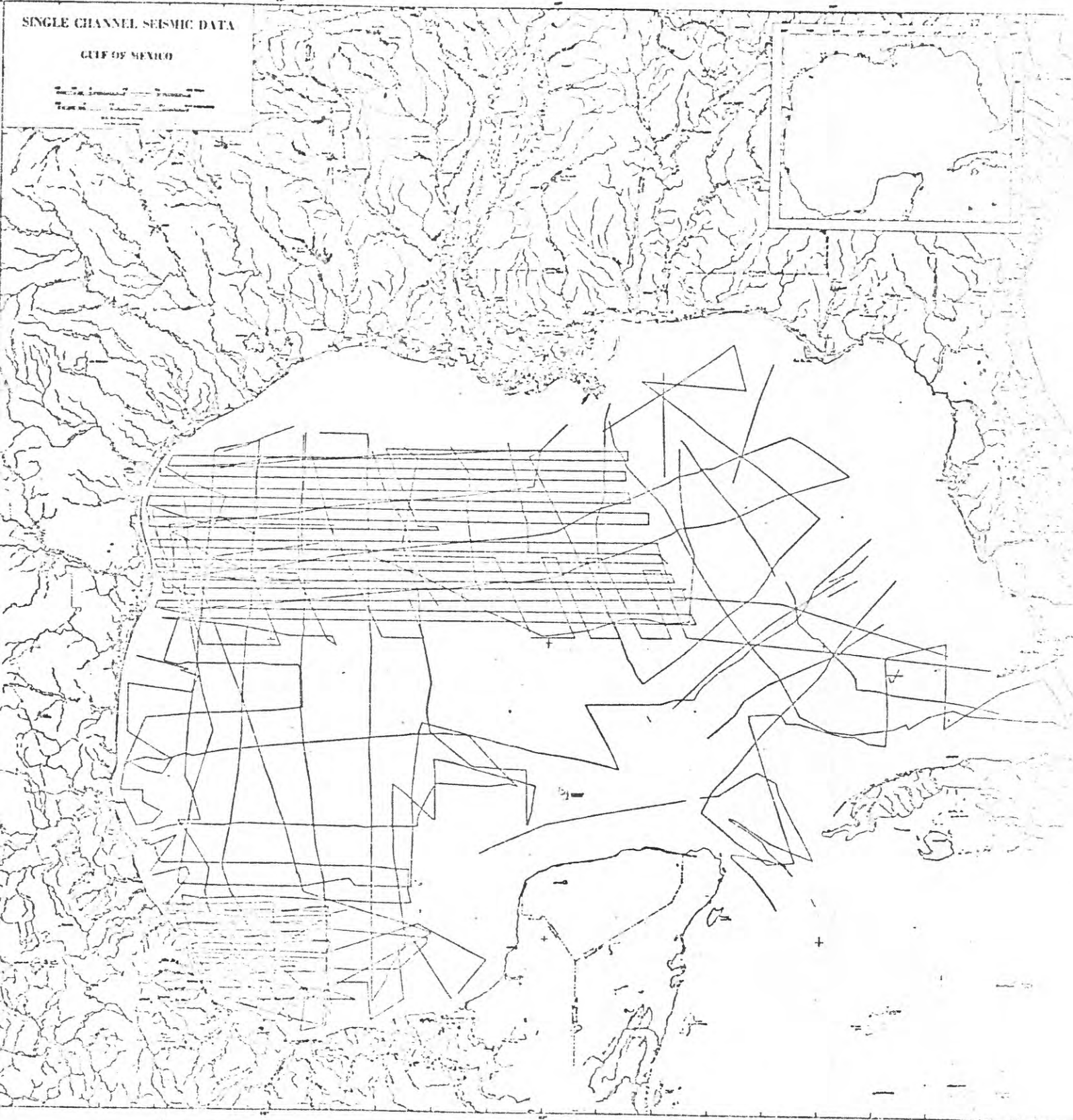
Scale of Distances in Miles
0 10 20 30 40 50 60 70 80 90 100



SINGLE CHANNEL SEISMIC DATA

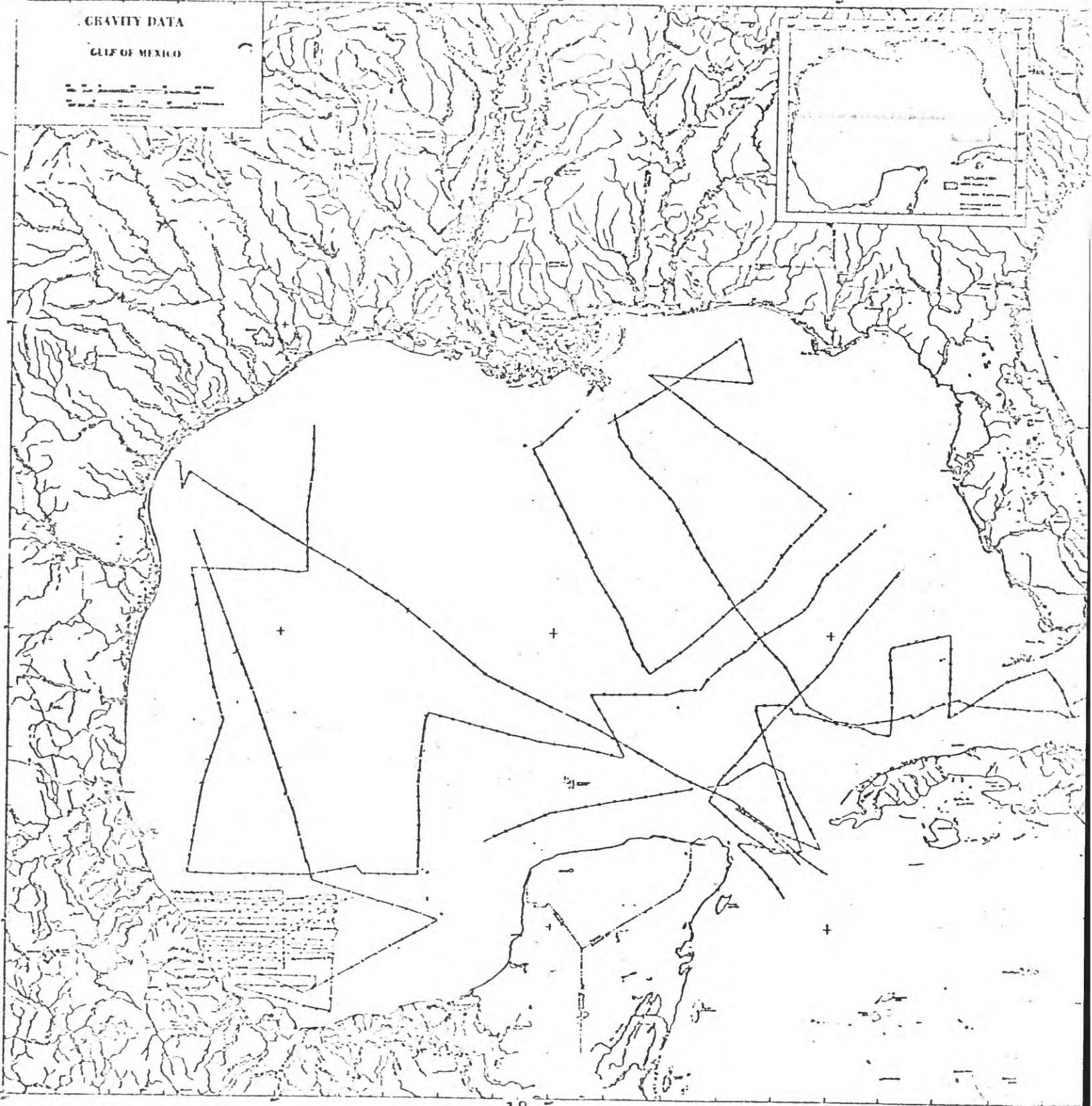
GULF OF MEXICO

Scale 1:100,000
1 inch = 10 miles
1 centimeter = 10 kilometers



GRAVITY DATA

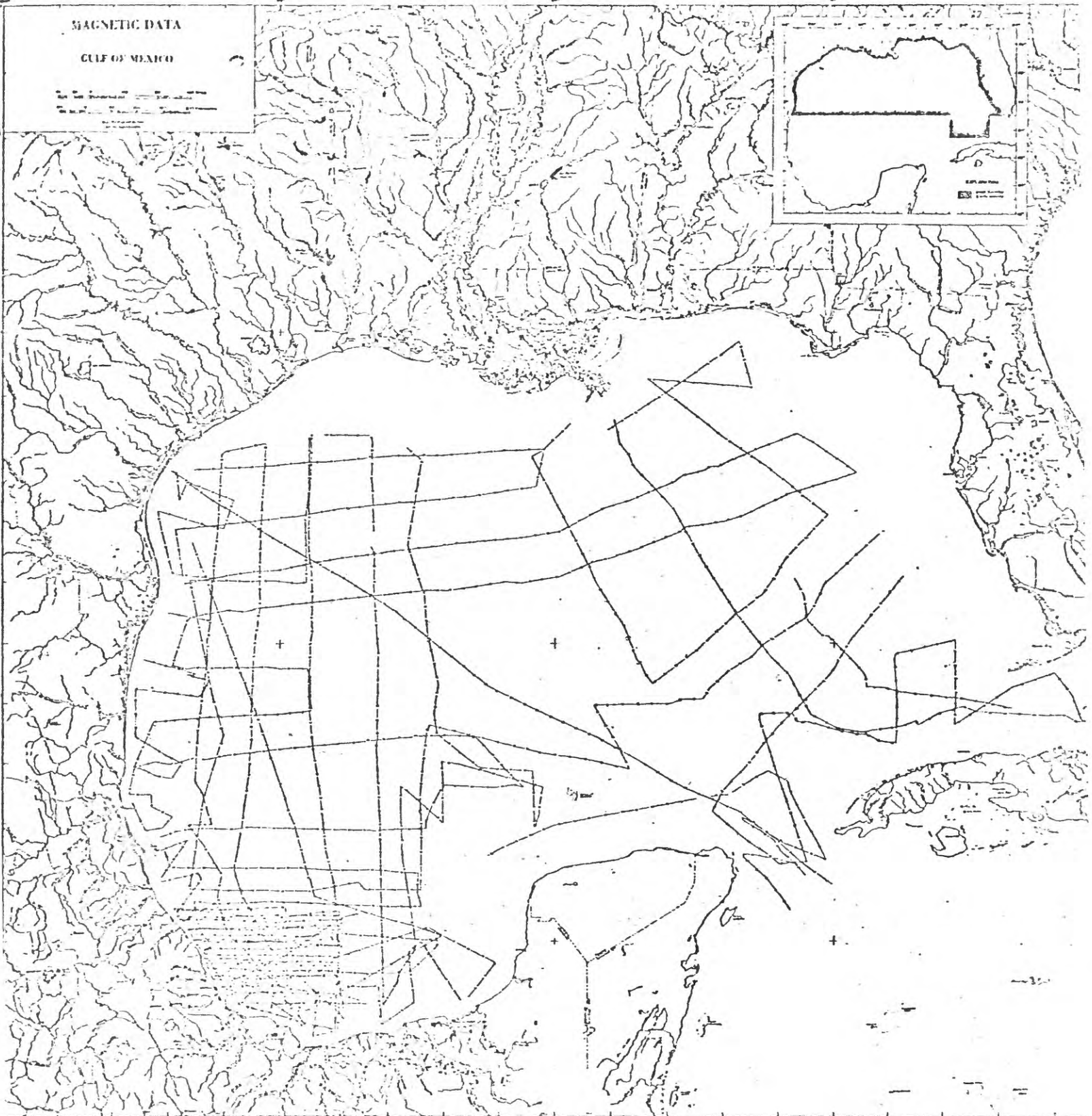
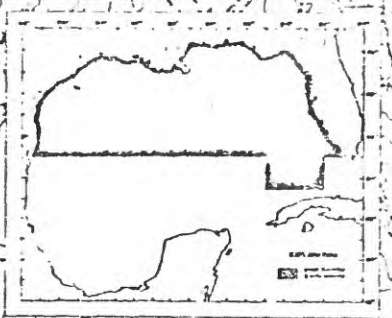
GULF OF MEXICO



MAGNETIC DATA

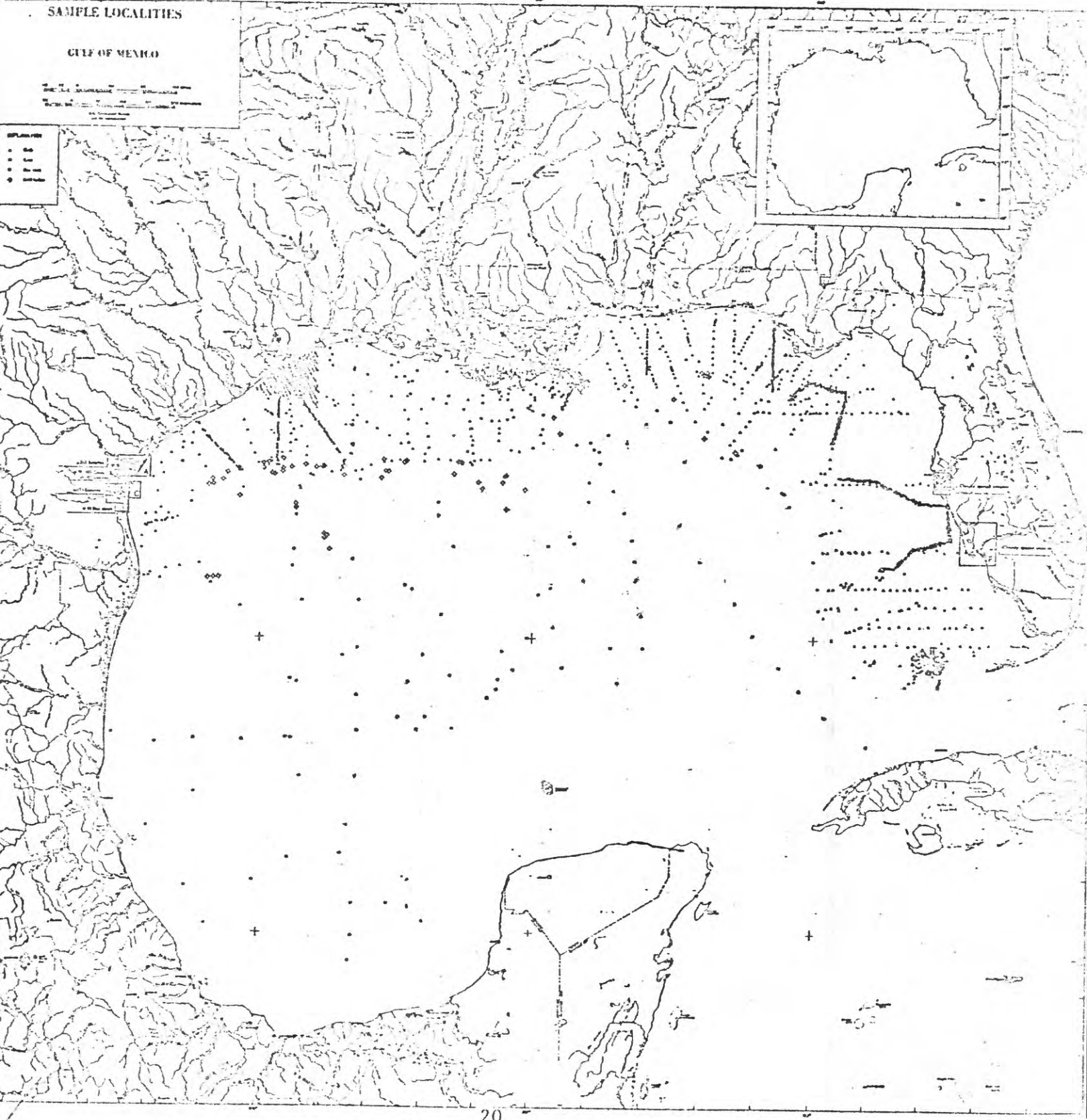
GULF OF MEXICO

Scale of Magnetic Intensity
Scale of Magnetic Declination



SAMPLE LOCALITIES

GULF OF MEXICO



CARIBBEAN SEA: WEST (SHEET 1)

EAST (SHEET 2)

Available data:

Bathymetric base

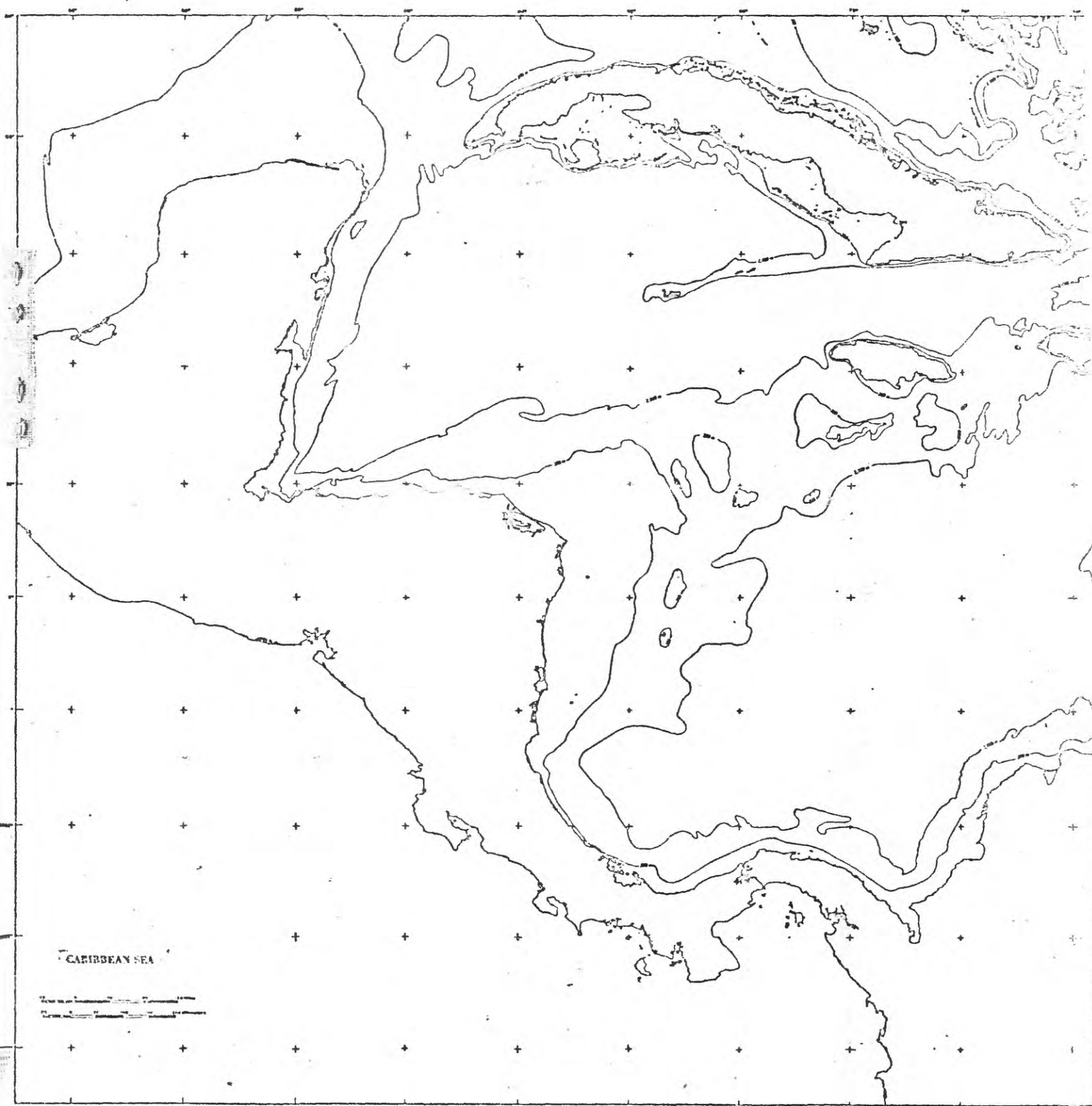
Common Depth Point (none)

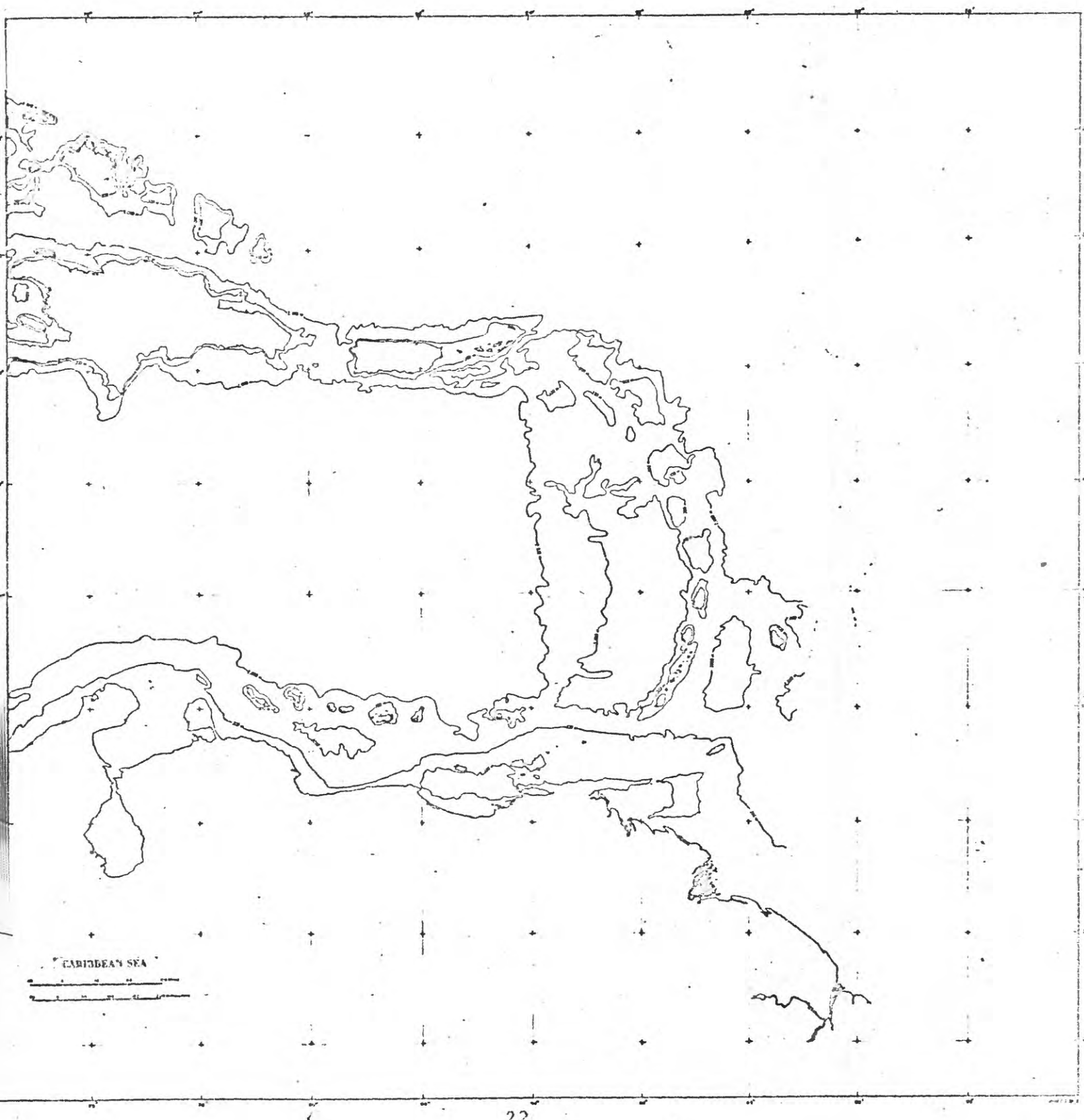
Single channel seismic

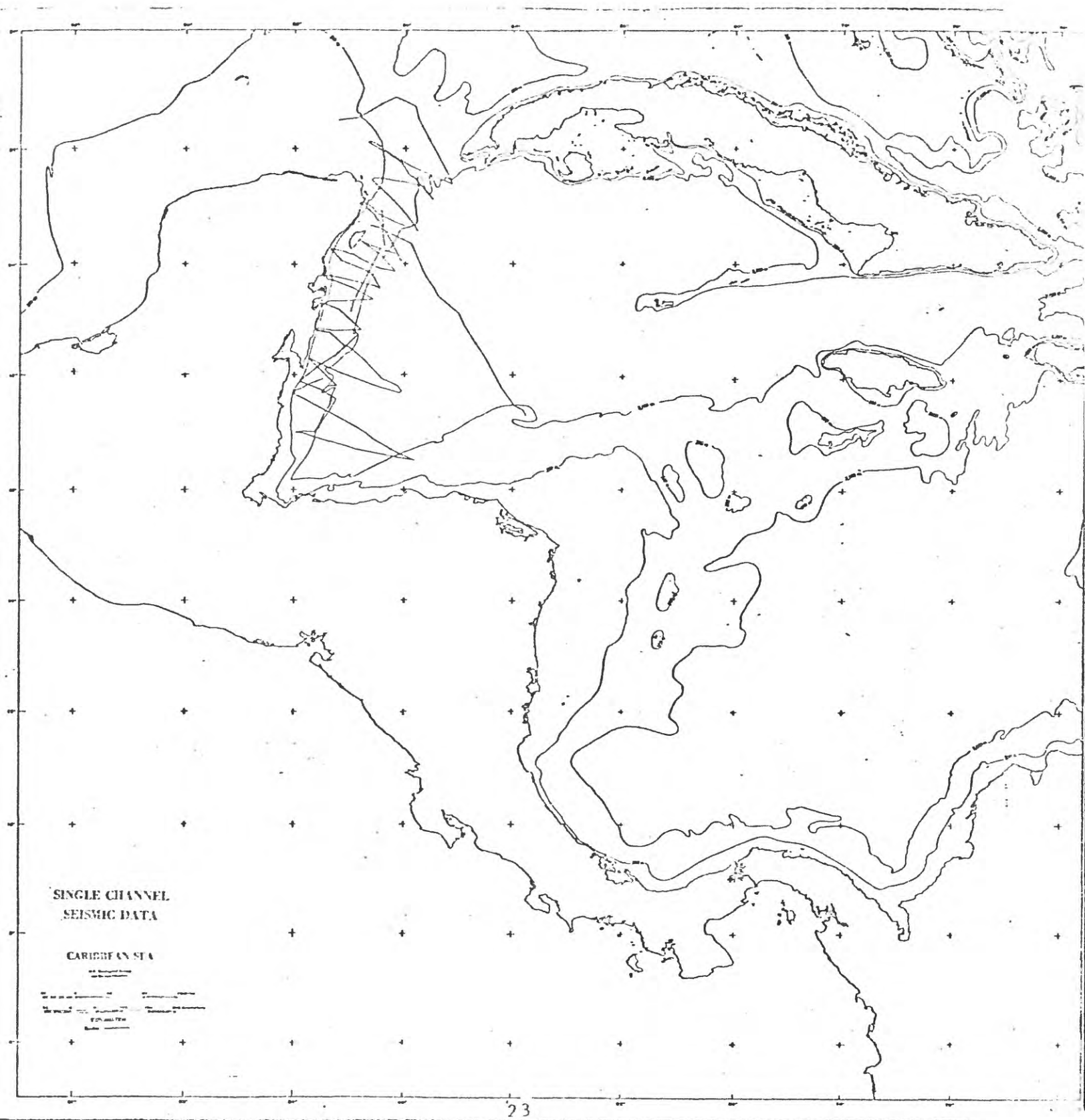
Gravity

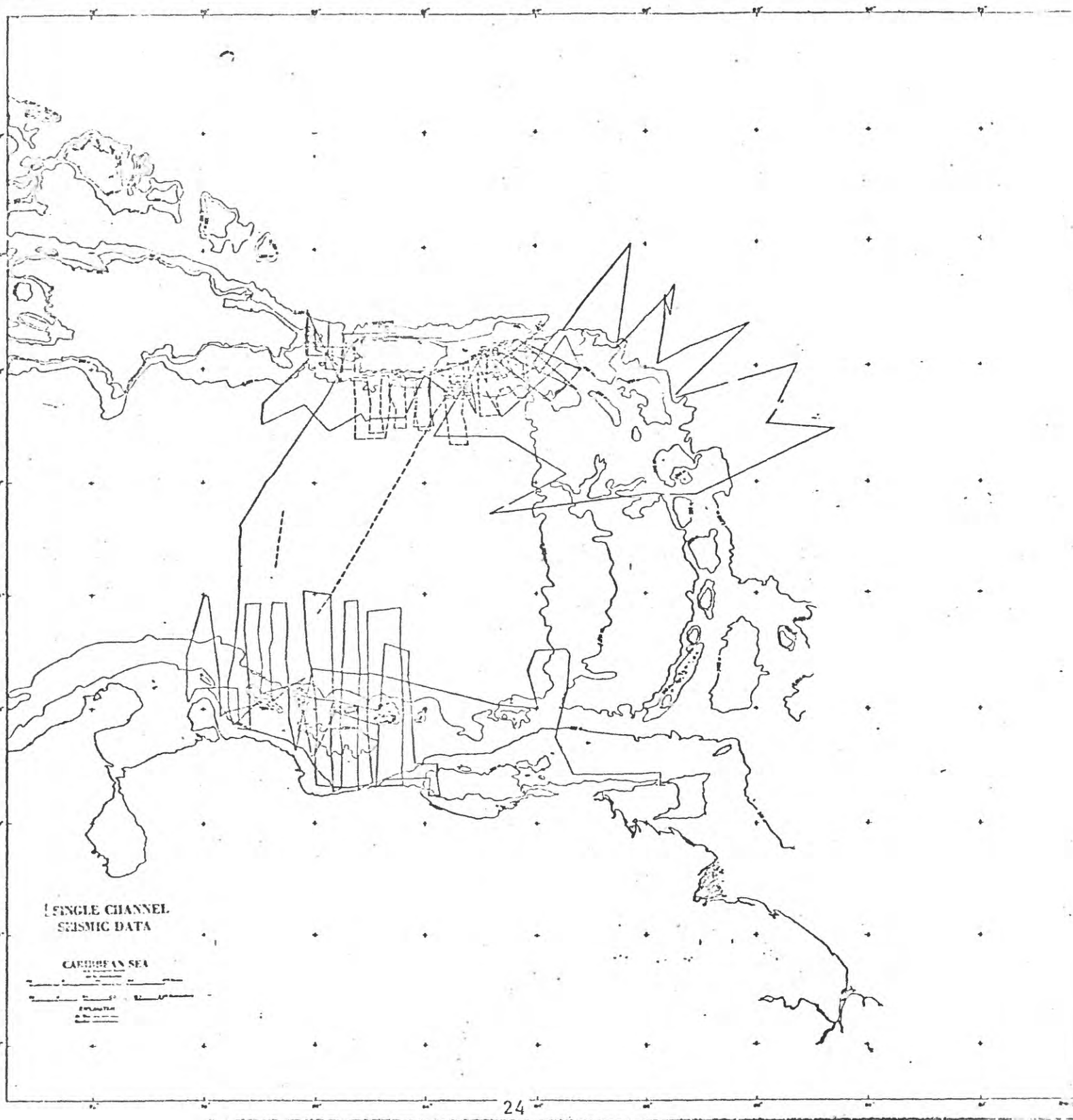
Magnetic

Samples (sheet 2 only)





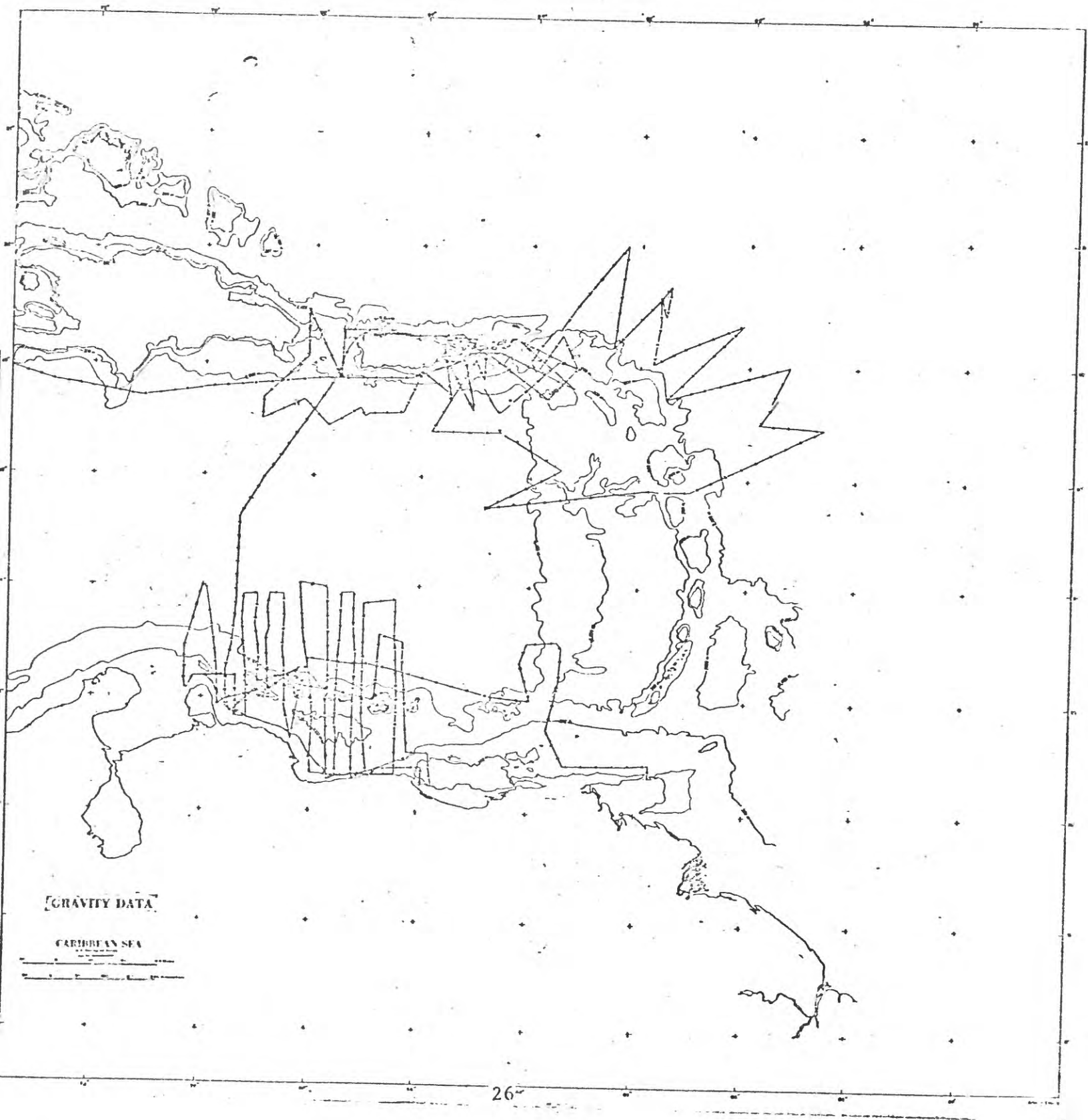


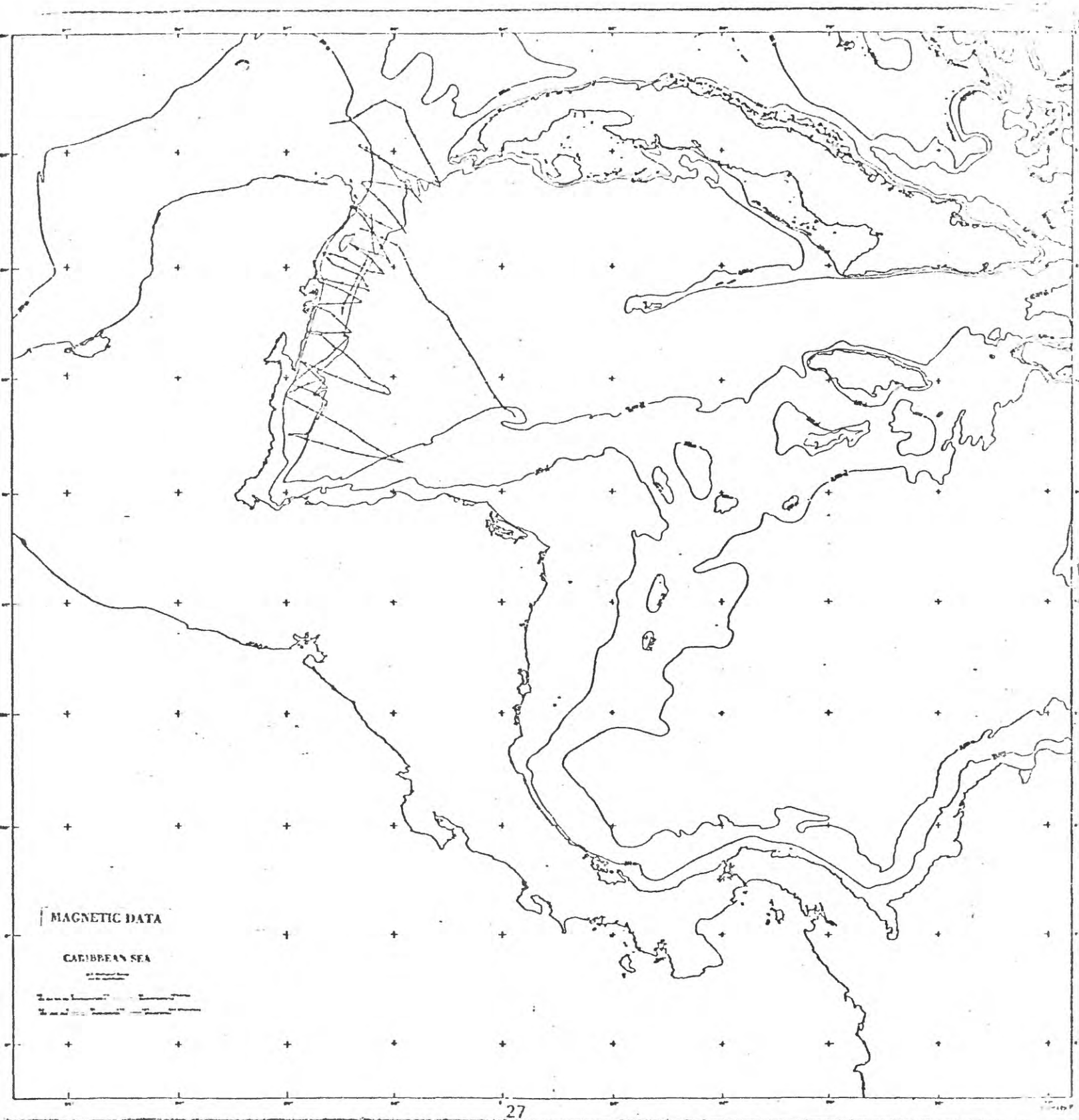


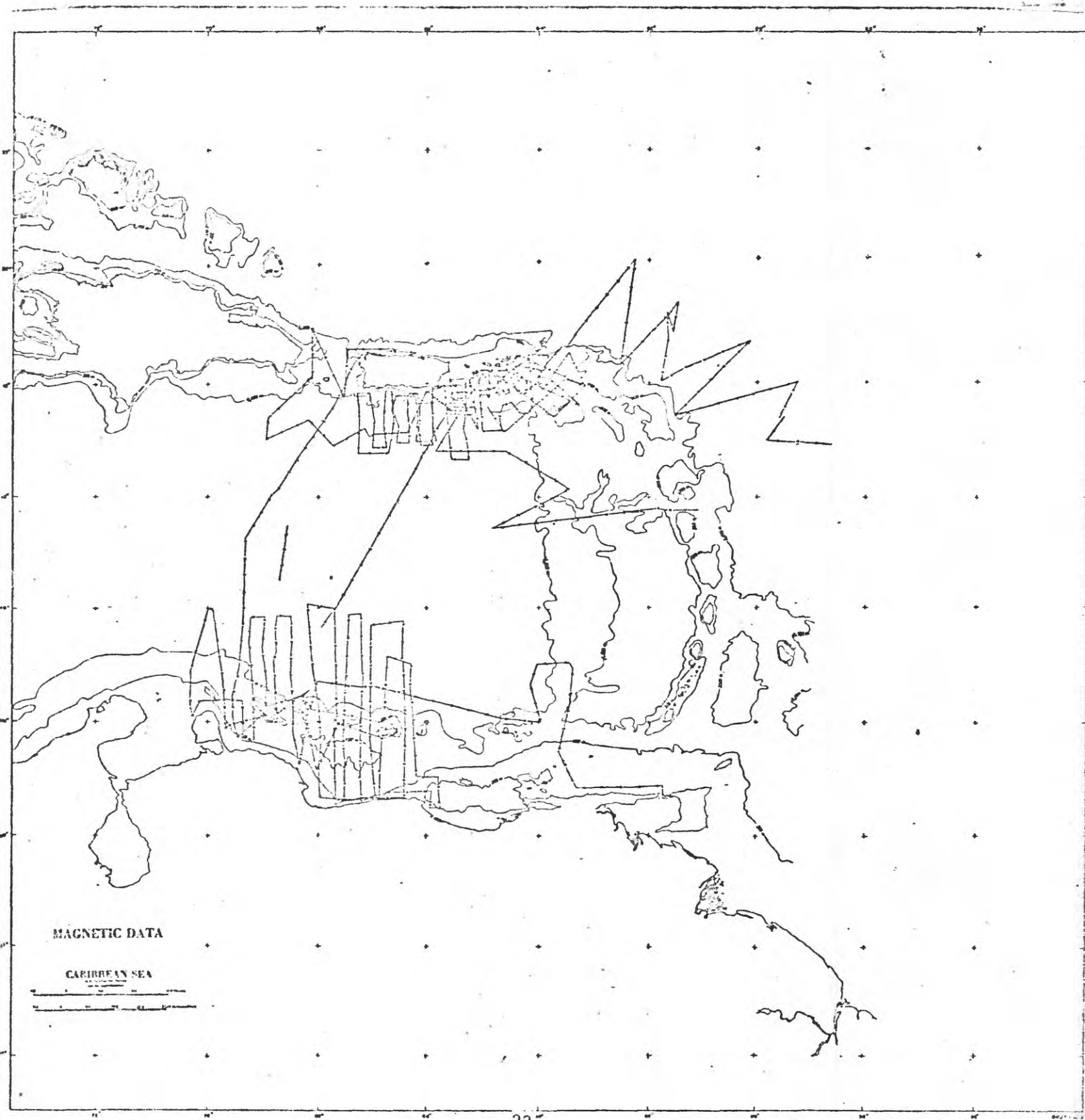
SINGLE CHANNEL
SEISMIC DATA

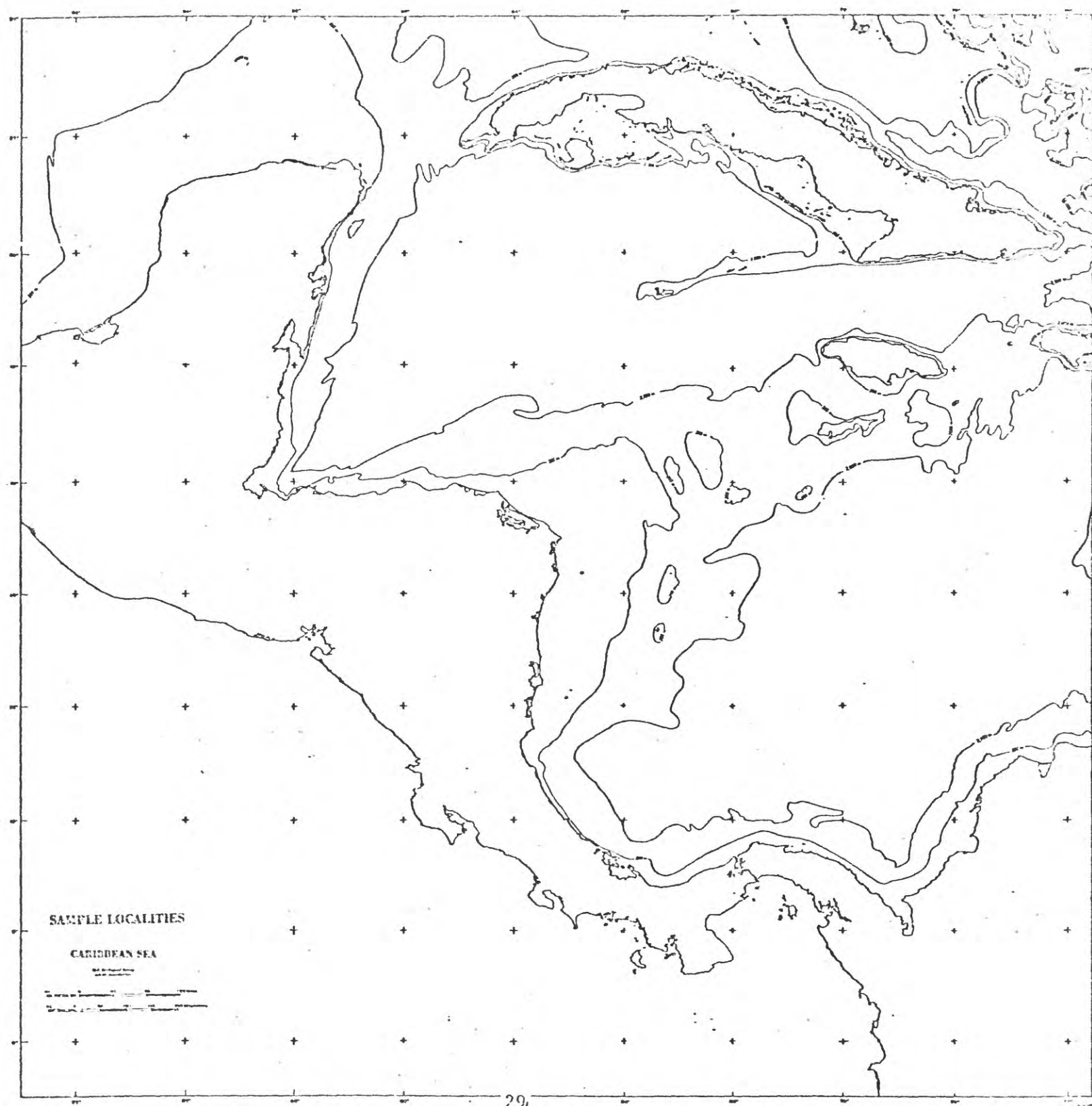
CARIBBEAN SEA

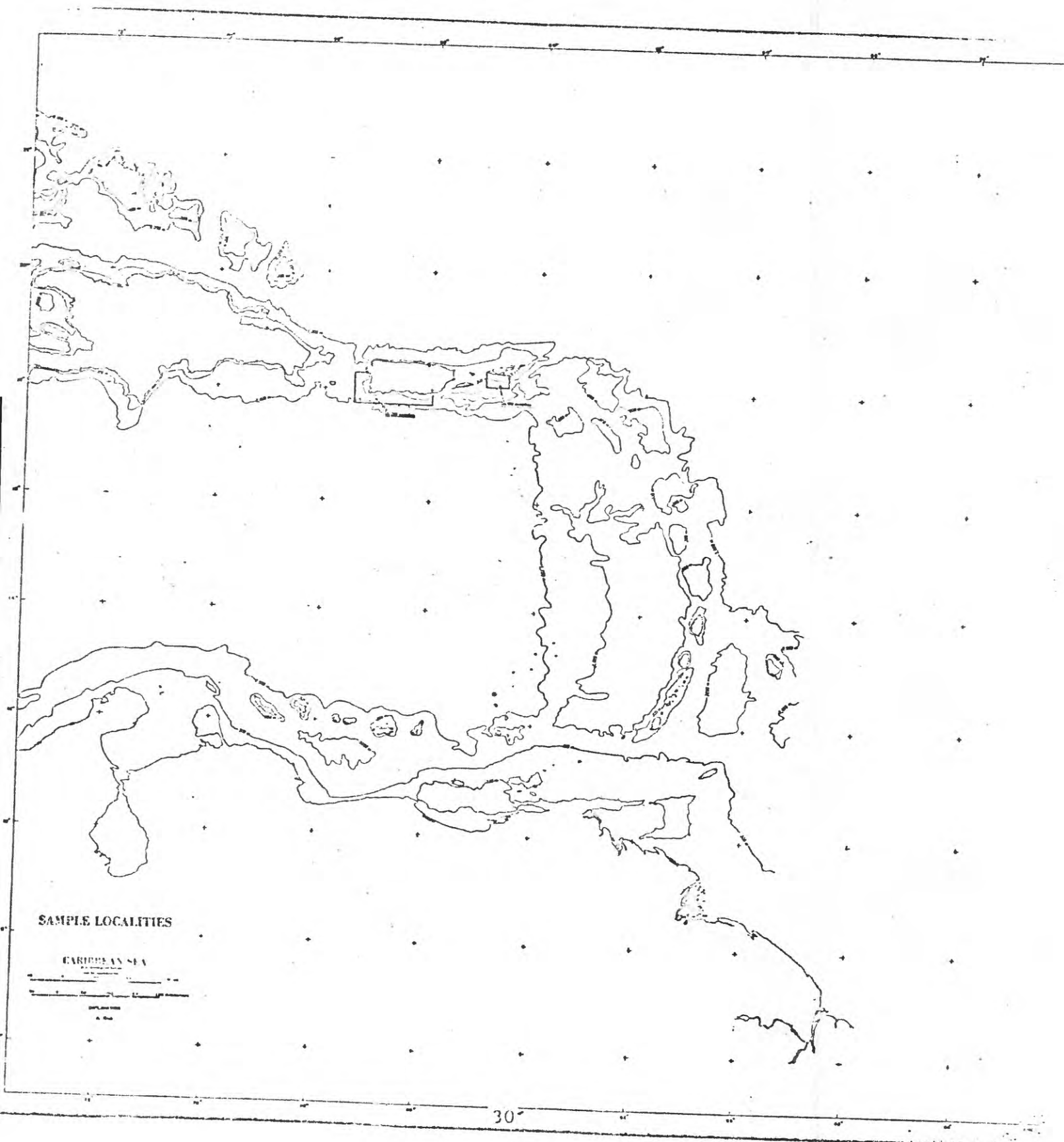












PACIFIC OCEAN: CALIFORNIA (1 SHEET)

WASHINGTON - OREGON (1 SHEET)

Available data:

Bathymetric base

Common Depth Point (none)

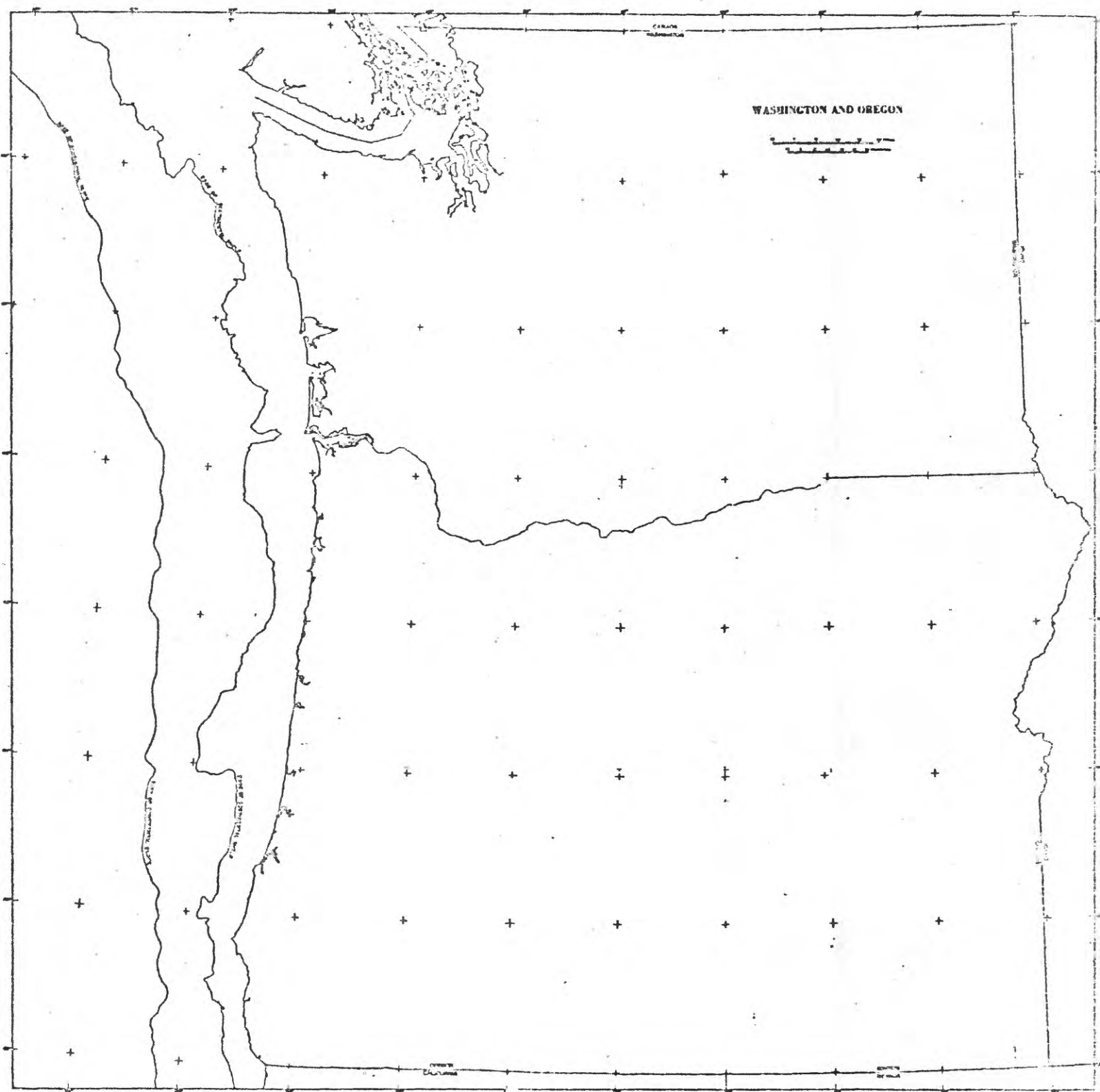
Single channel seismic

Gravity

Magnetic

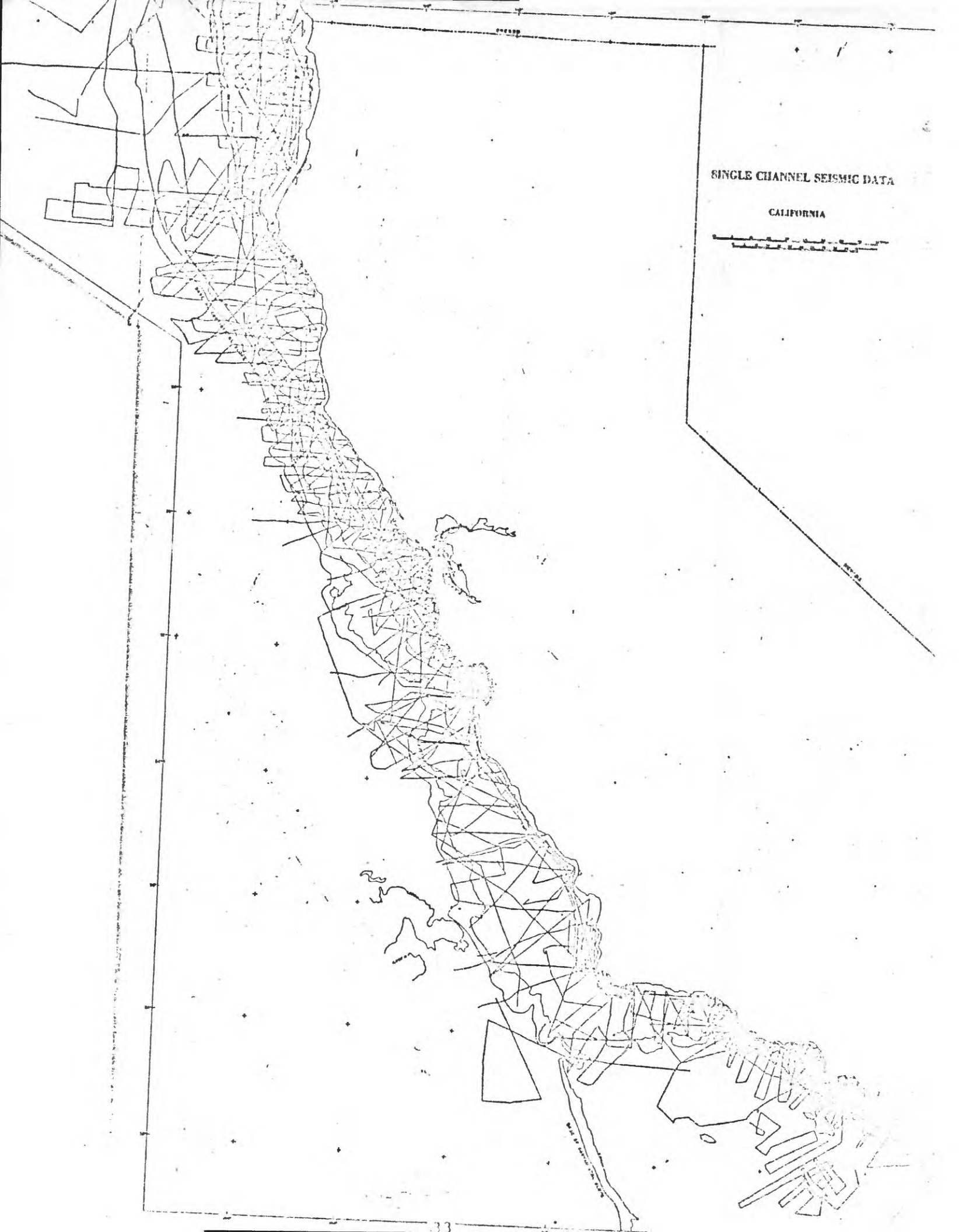
Samples

CALIFORNIA



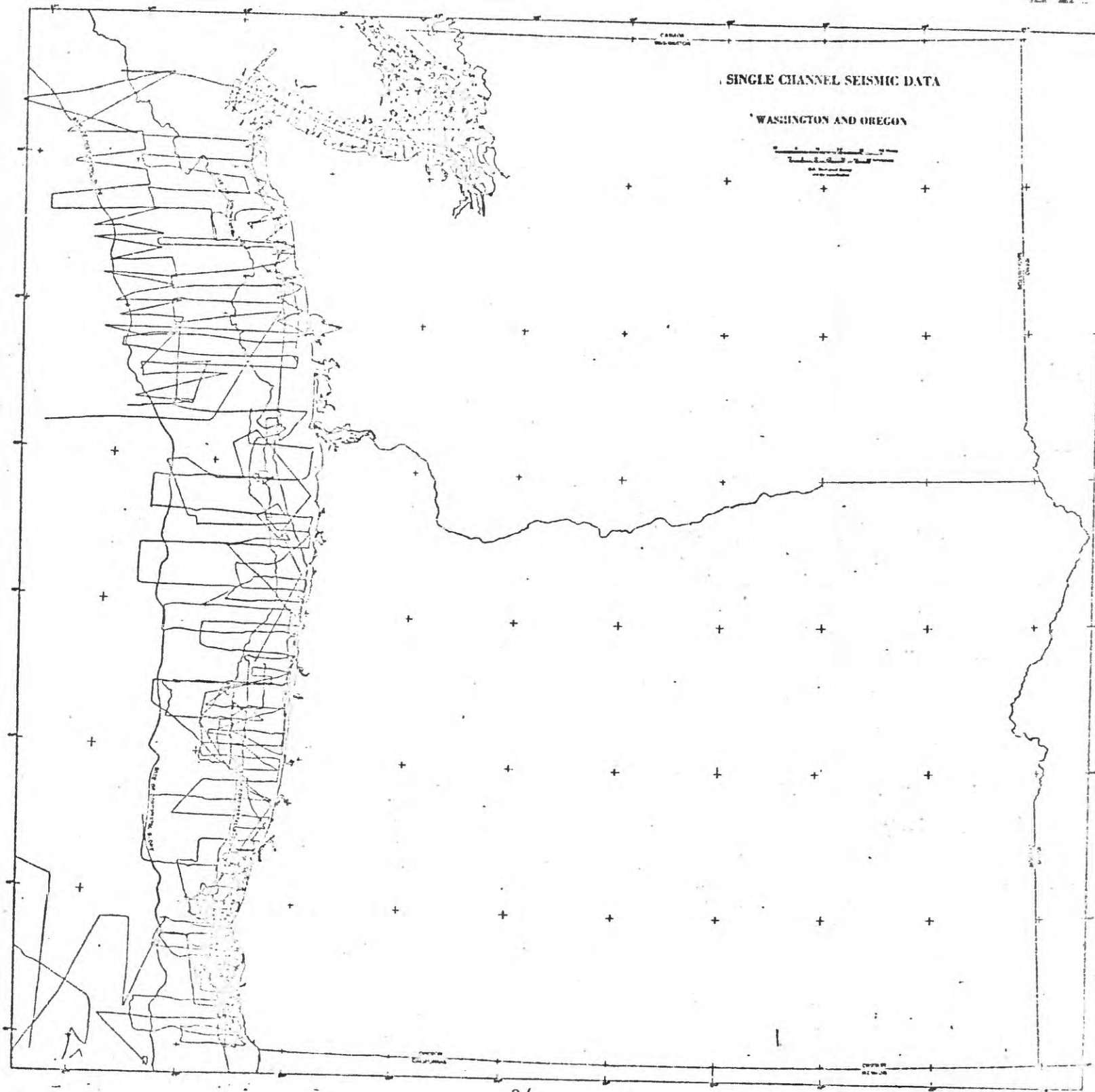
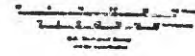
SINGLE CHANNEL SEISMIC DATA

CALIFORNIA



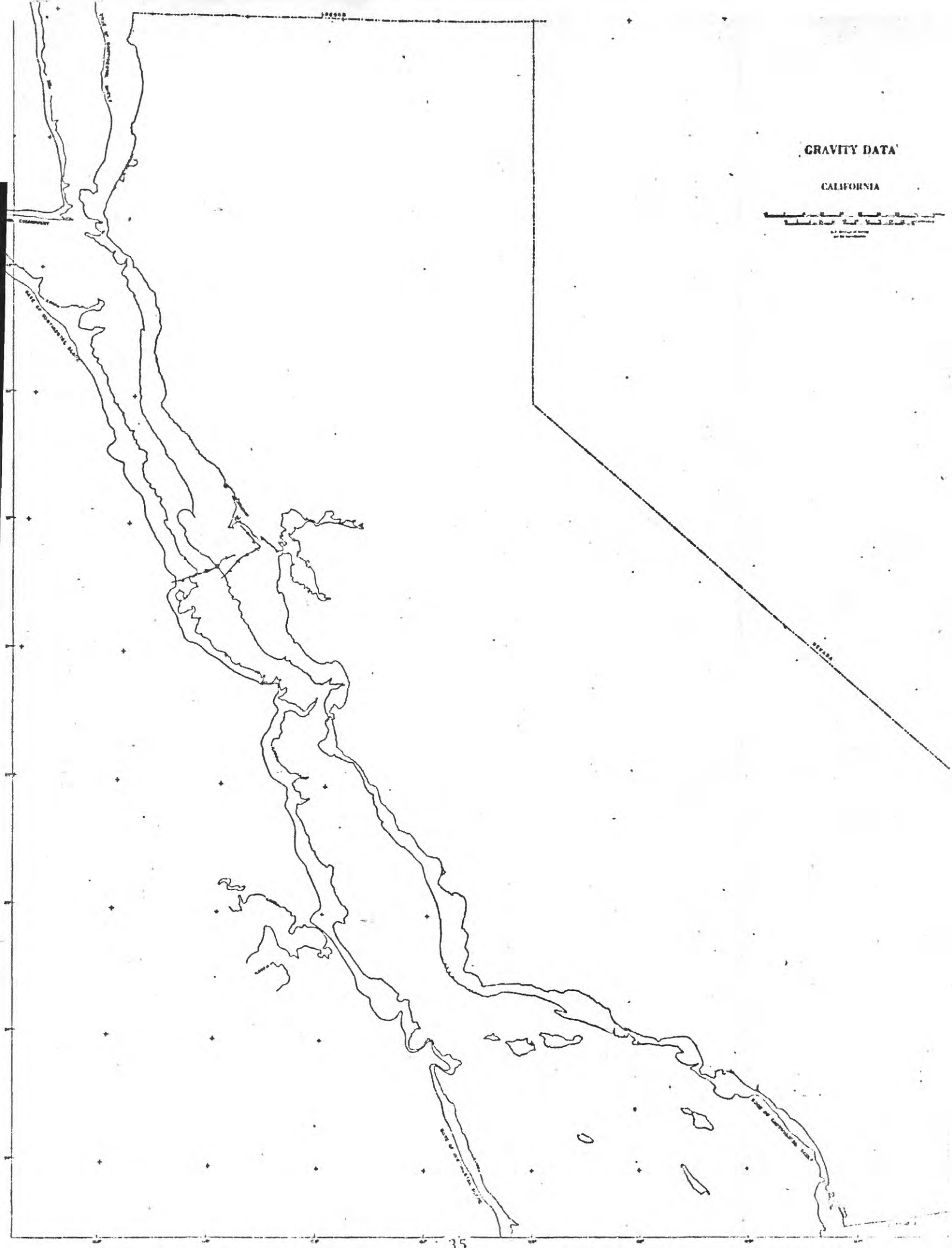
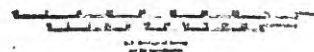
SINGLE CHANNEL SEISMIC DATA

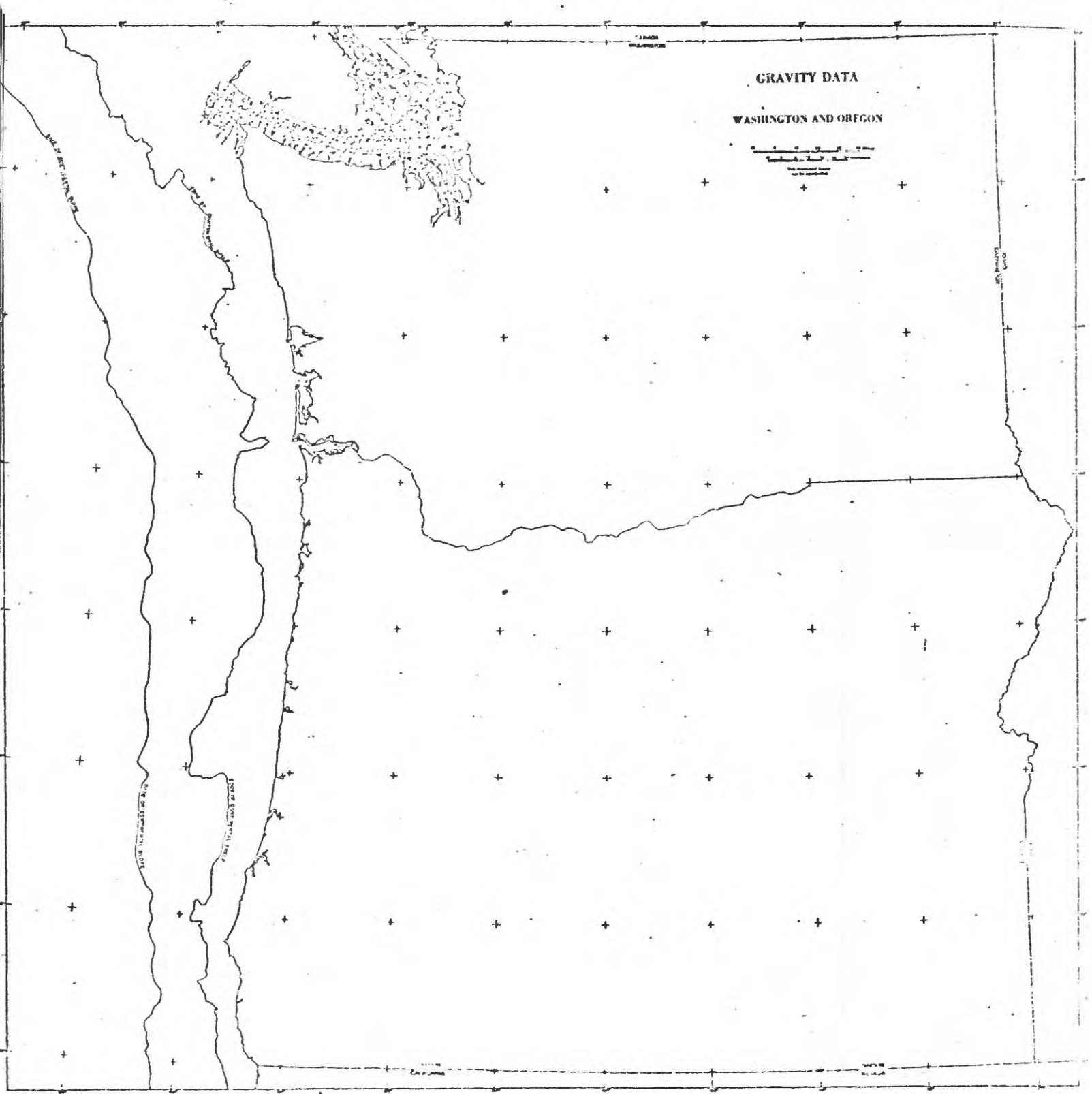
WASHINGTON AND OREGON



GRAVITY DATA

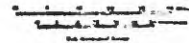
CALIFORNIA





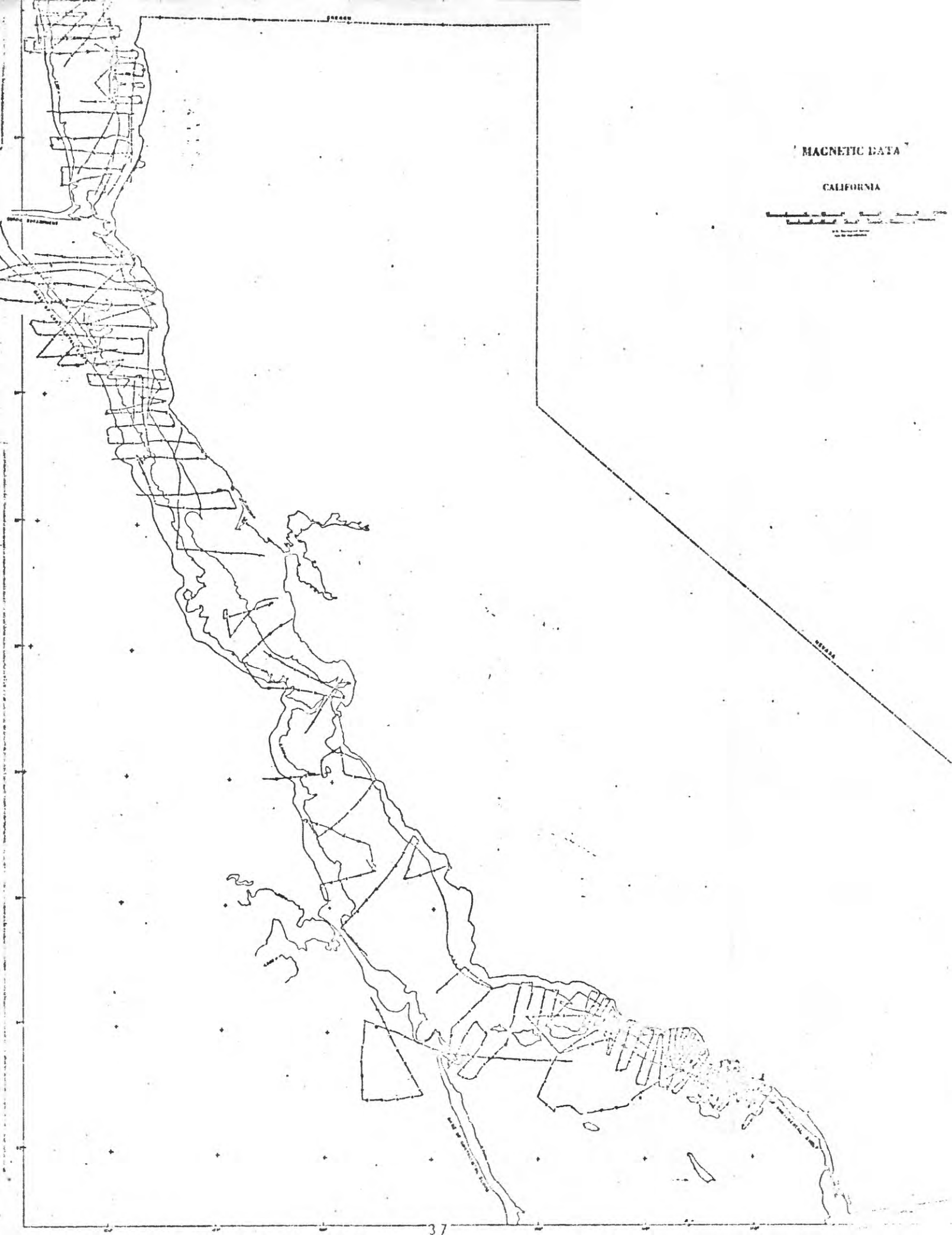
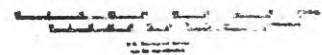
GRAVITY DATA

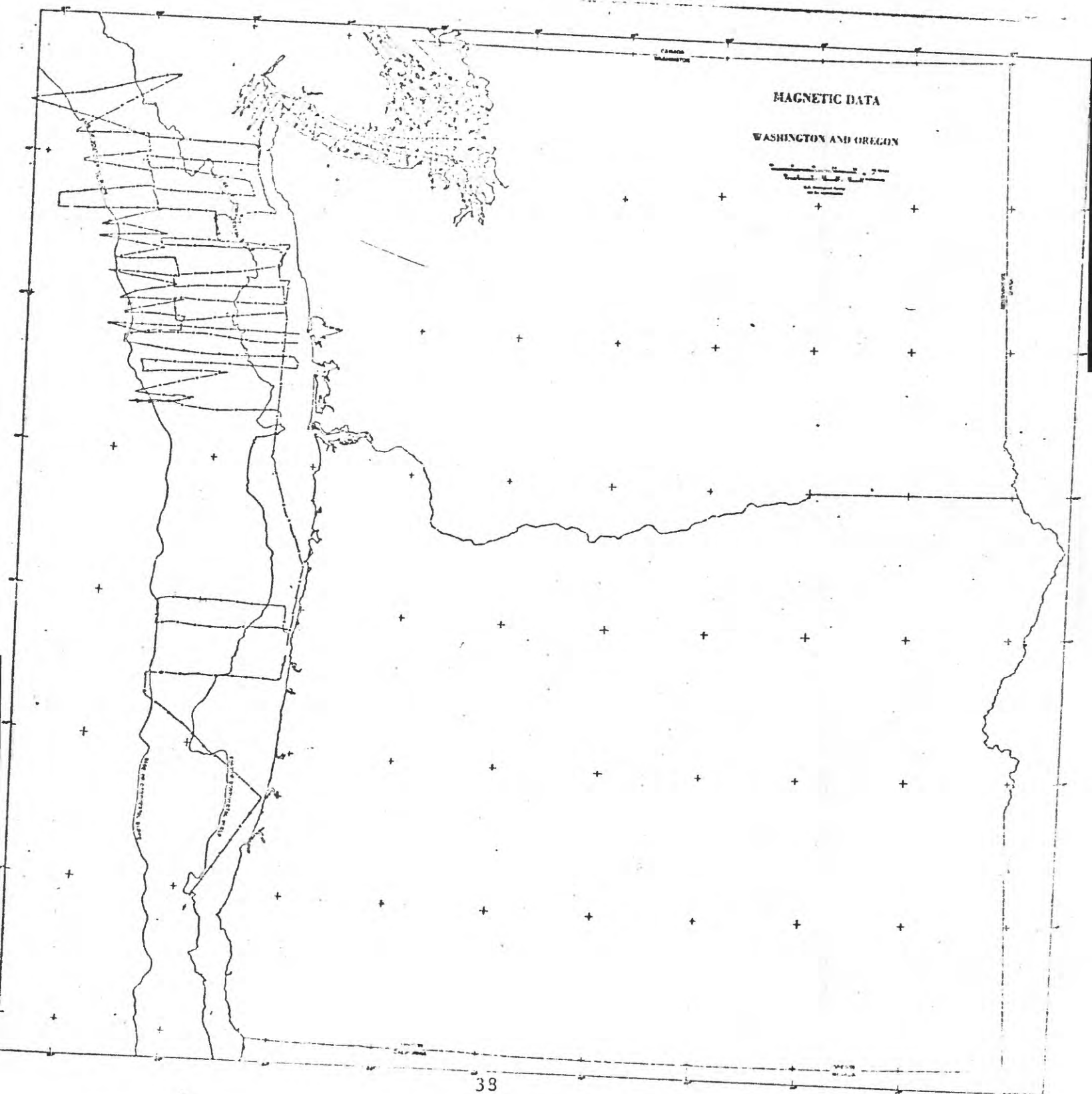
WASHINGTON AND OREGON



MAGNETIC DATA

CALIFORNIA





SAMPLE LOCALITIES

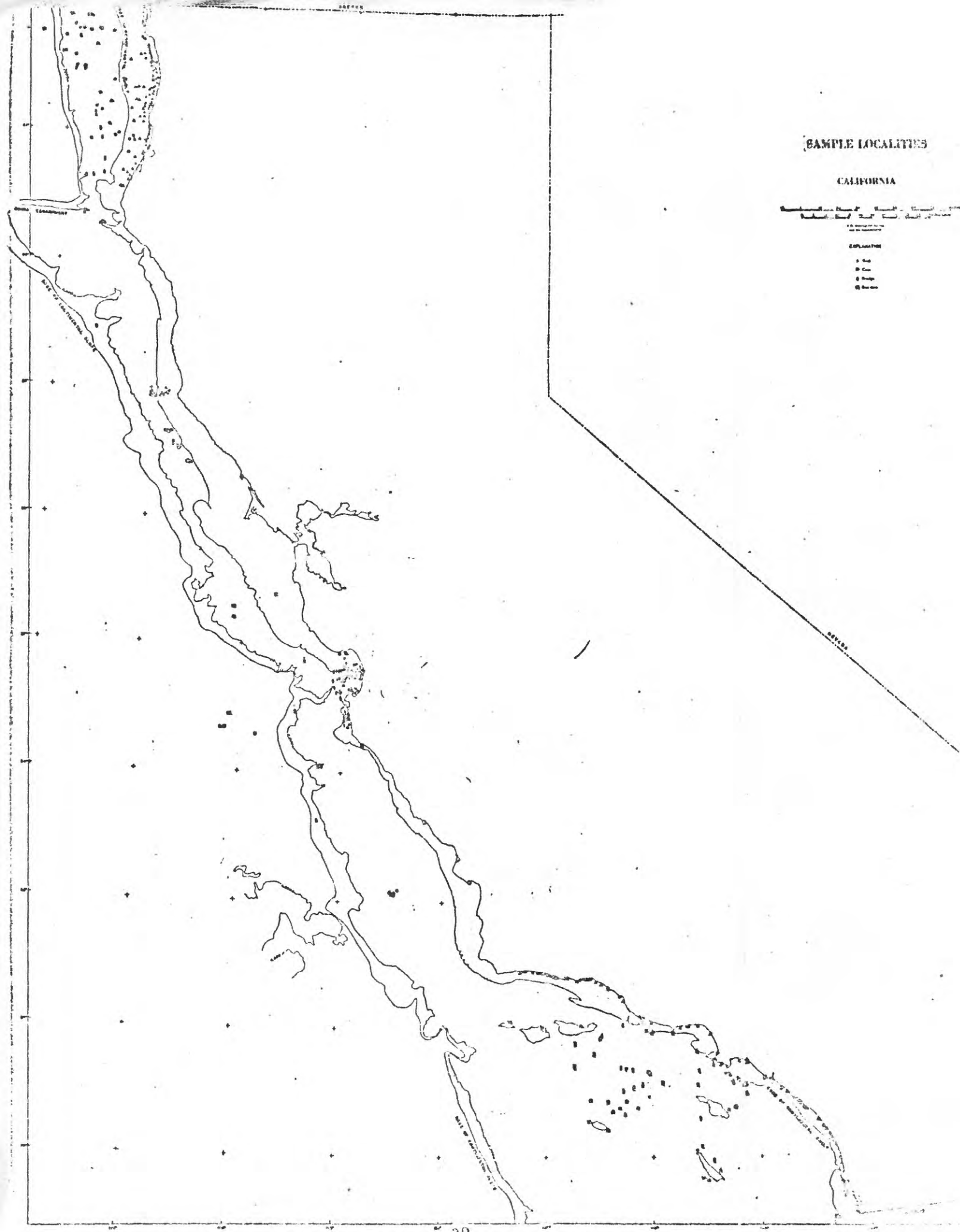
CALIFORNIA

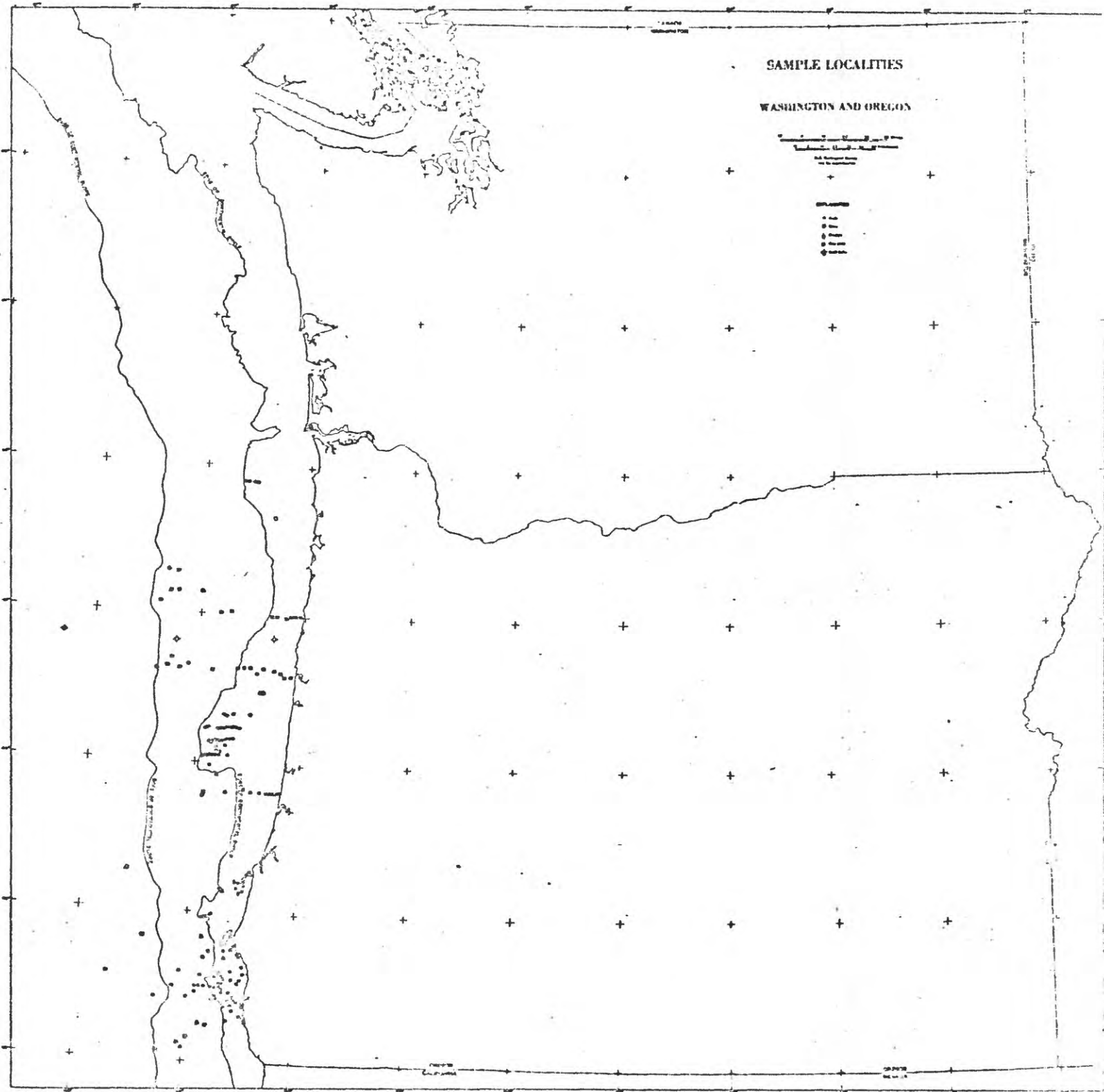


U.S. GEOLOGICAL SURVEY

EXPLANATION

- 1. Sub
- 2. Cuv
- 3. Shale
- 4. Sandstone





GULF OF ALASKA AND ALEUTIAN TRENCH (1 SHEET)

Available data:

Bathymetric base

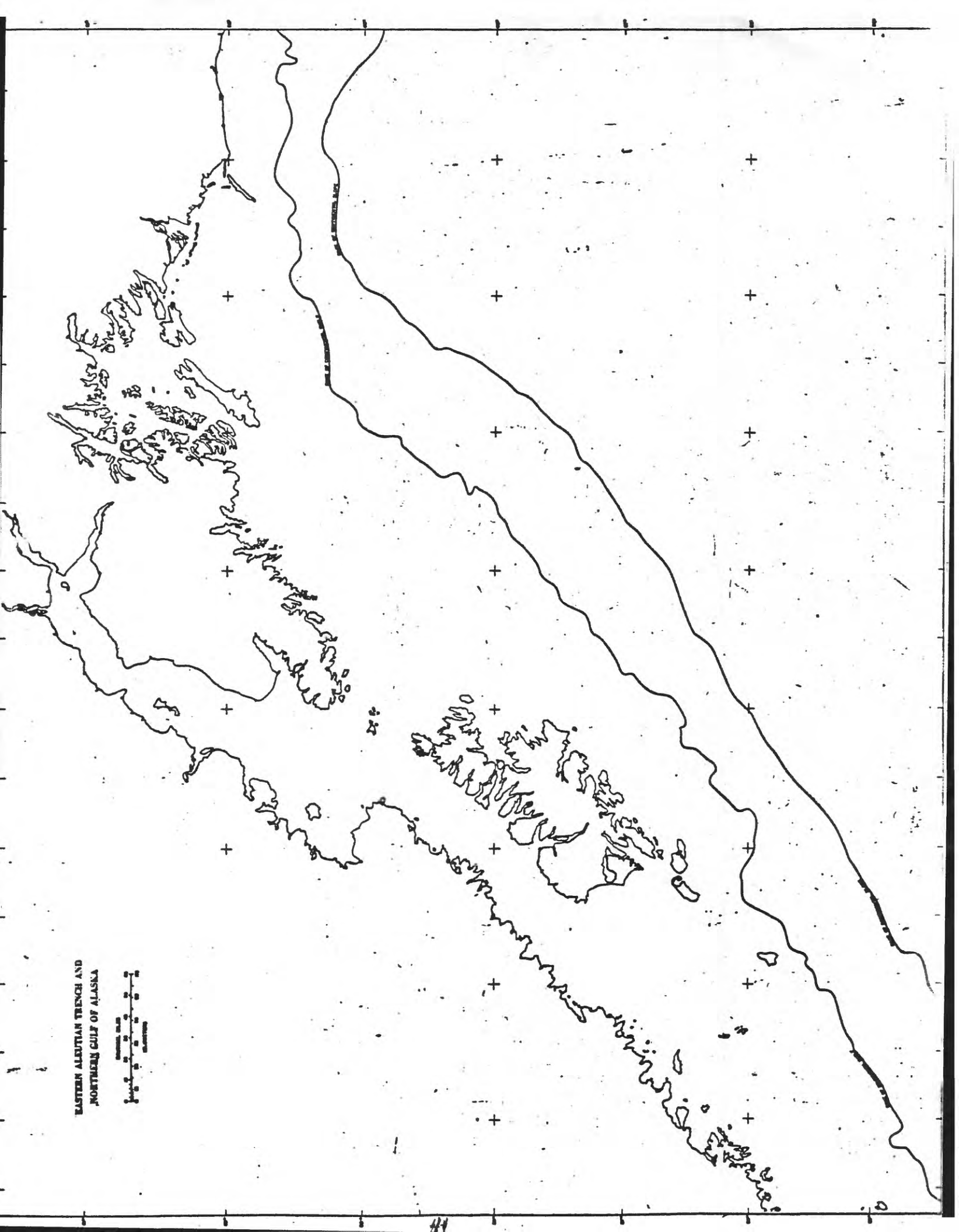
Common Depth Point (none)

Single channel seismic

Gravity (none)

Magnetic

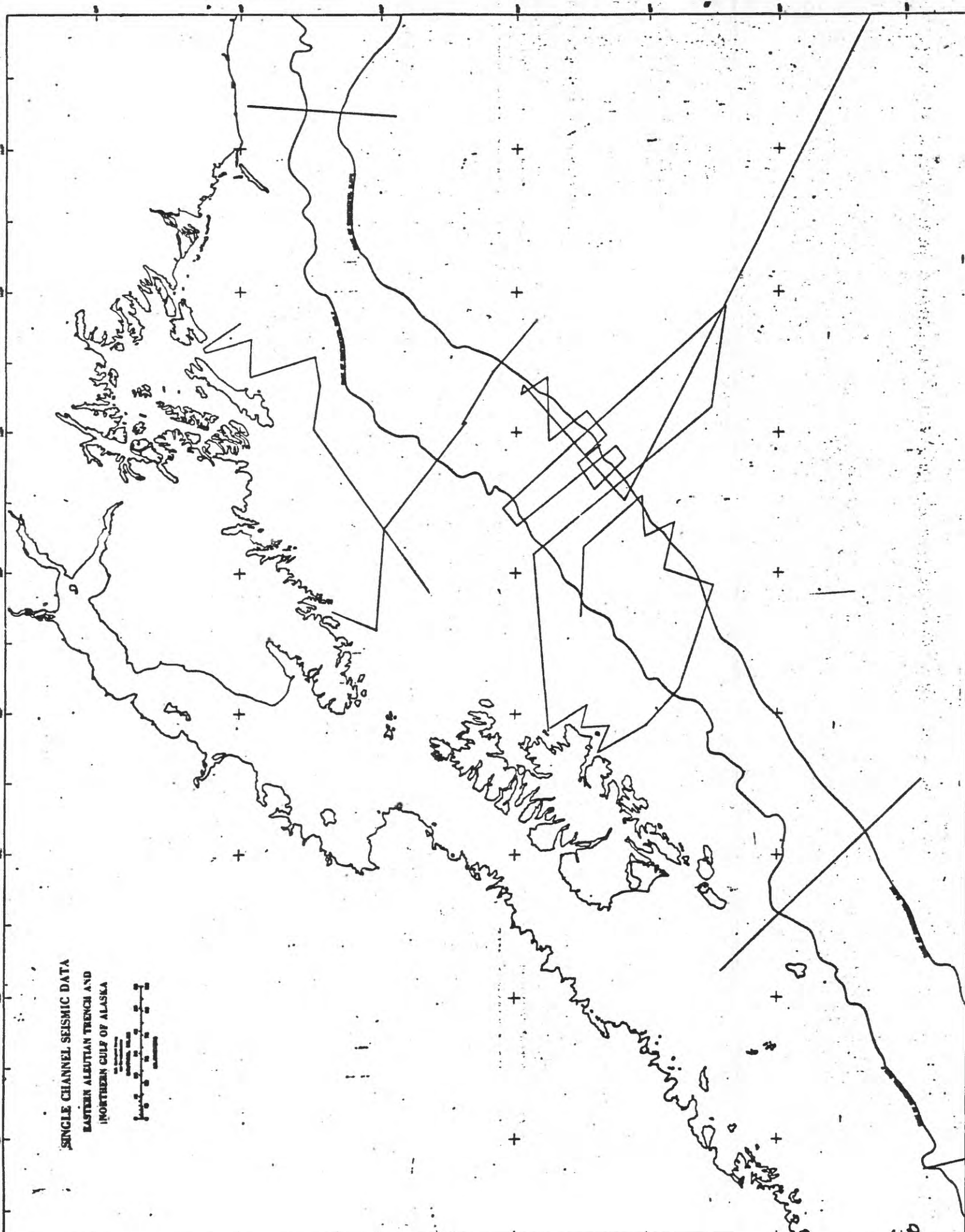
Samples



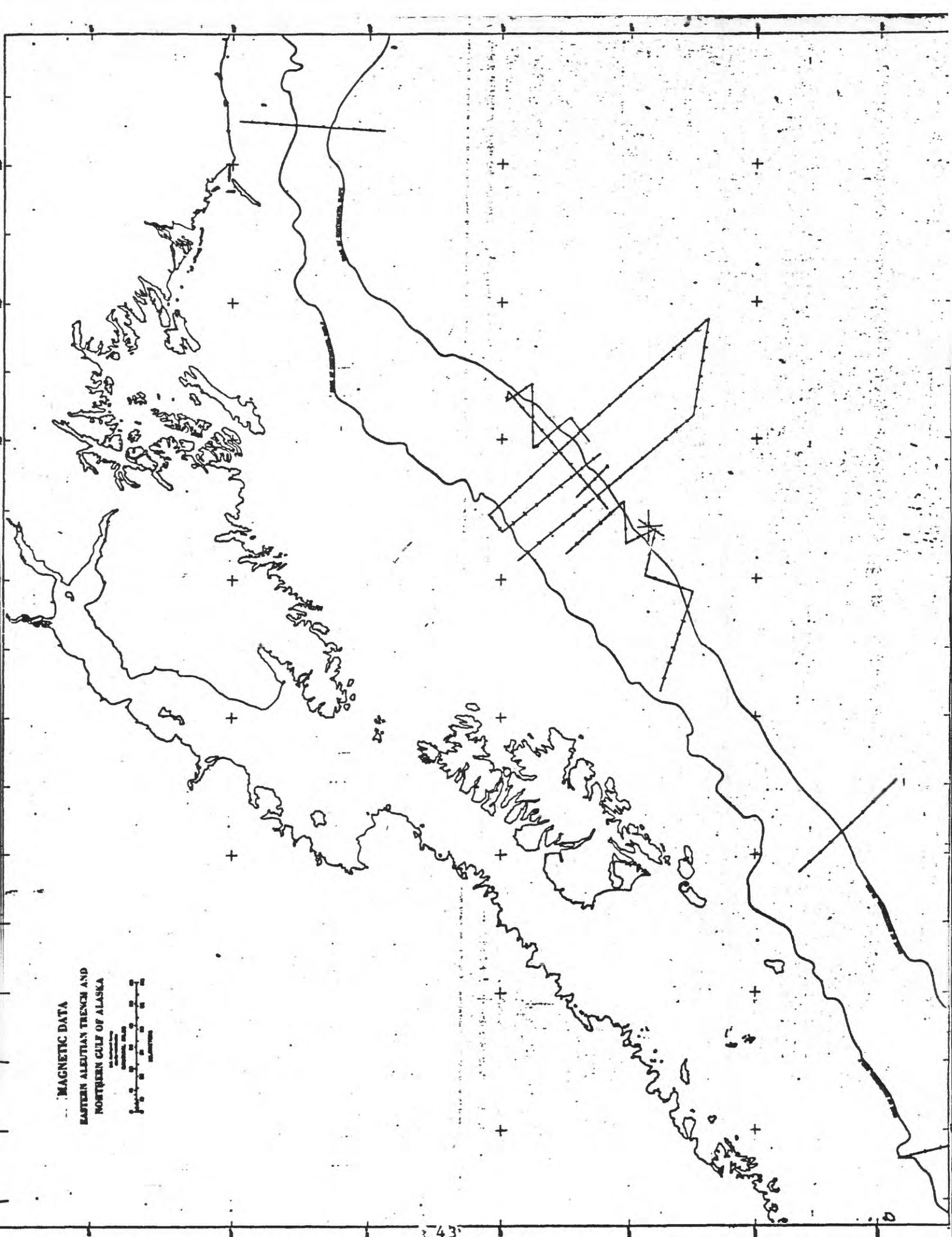
EASTERN ALEUTIAN TRENCH AND
NORTHERN GULF OF ALASKA



SINGLE CHANNEL SEISMIC DATA
EASTERN ALUTIAN TRENCH AND
NORTHERN GULF OF ALASKA



MAGNETIC DATA
EASTERN ALEUTIAN TRENCH AND
NORTHERN GULF OF ALASKA



SAMPLE LOCALITIES
EASTERN ALUTIAN TRENCH AND
NORTHERN GULF OF ALASKA

 Sample Locality
 Station
 Depth
 Bottom
 Water

 Station
 Depth
 Bottom
 Water

BERING SEA: SOUTHERN BERING SEA (6 SHEETS)

NORTHERN BERING SEA (1 SHEET)

Available data:

Bathymetric base

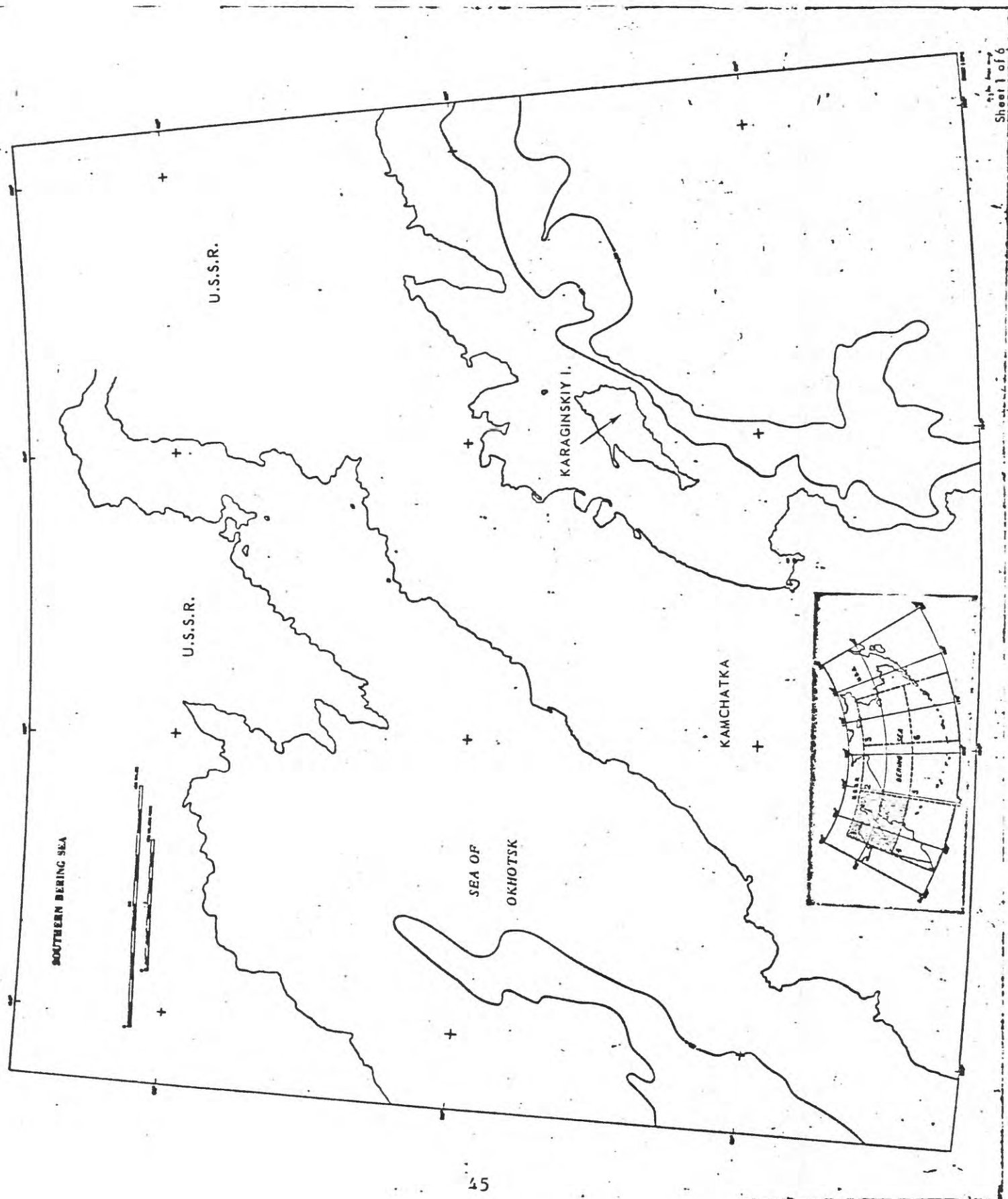
Common Depth Point (none)

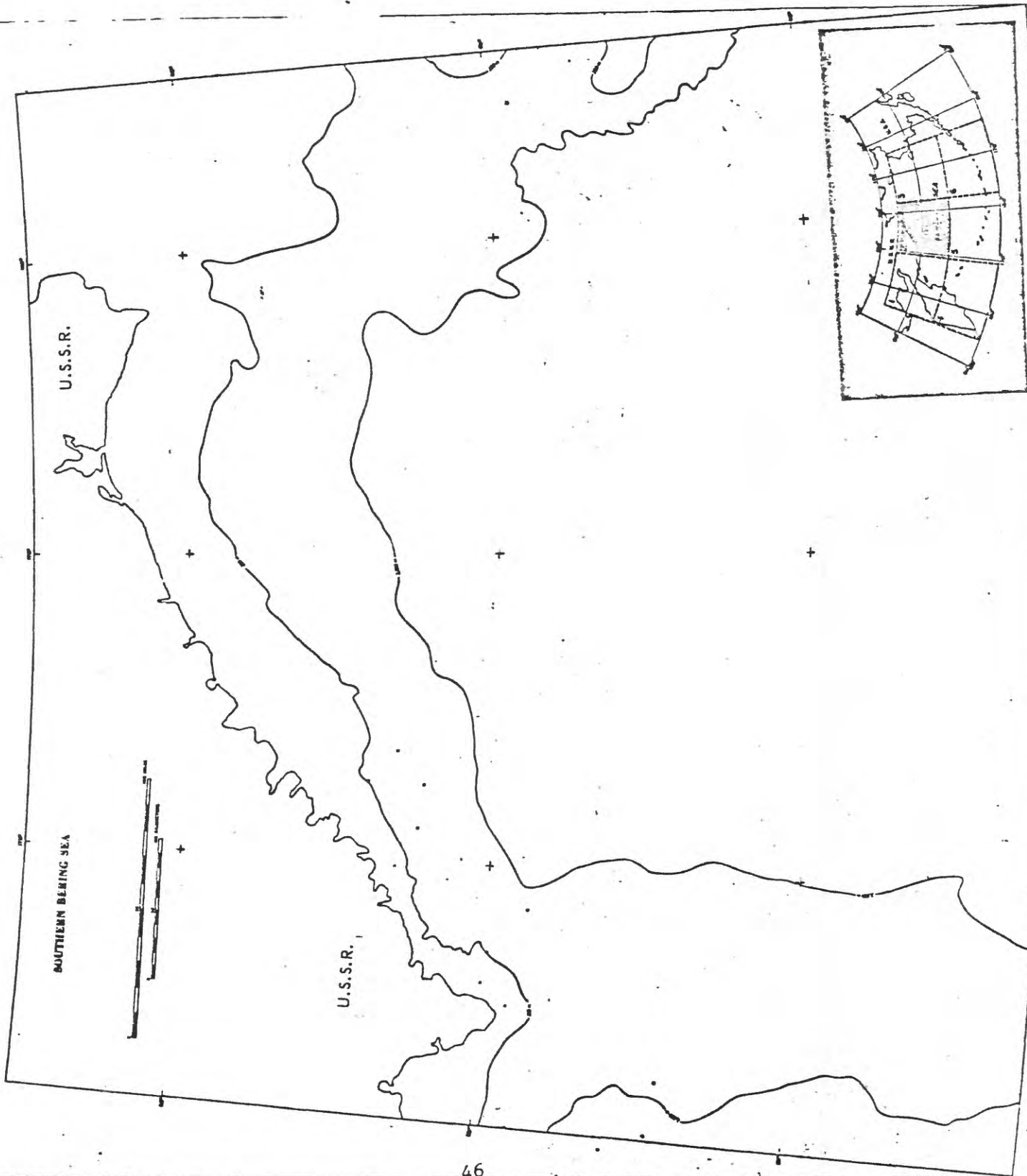
Single channel seismic

Gravity (none)

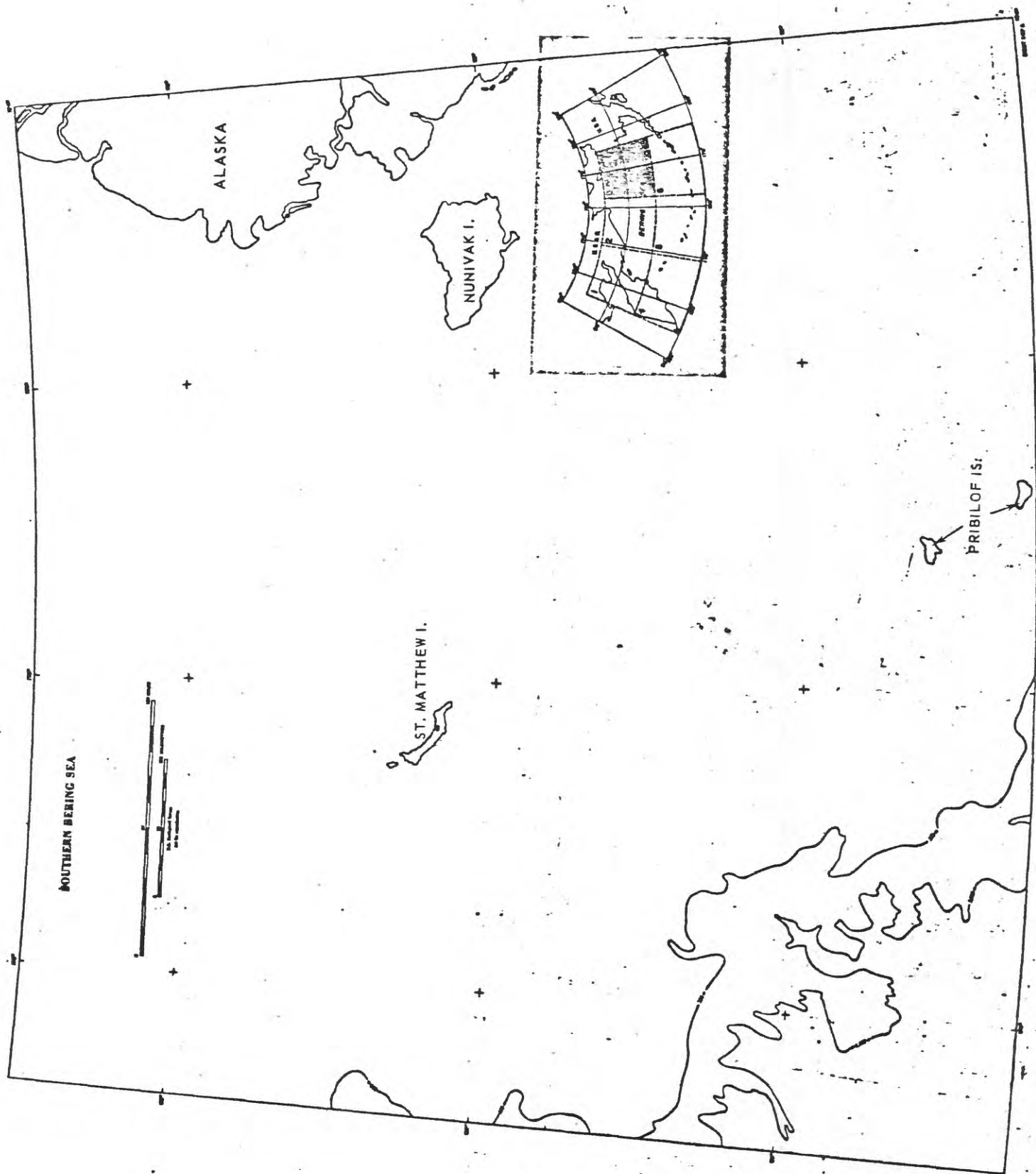
Magnetic (Southern Bering Sea only)

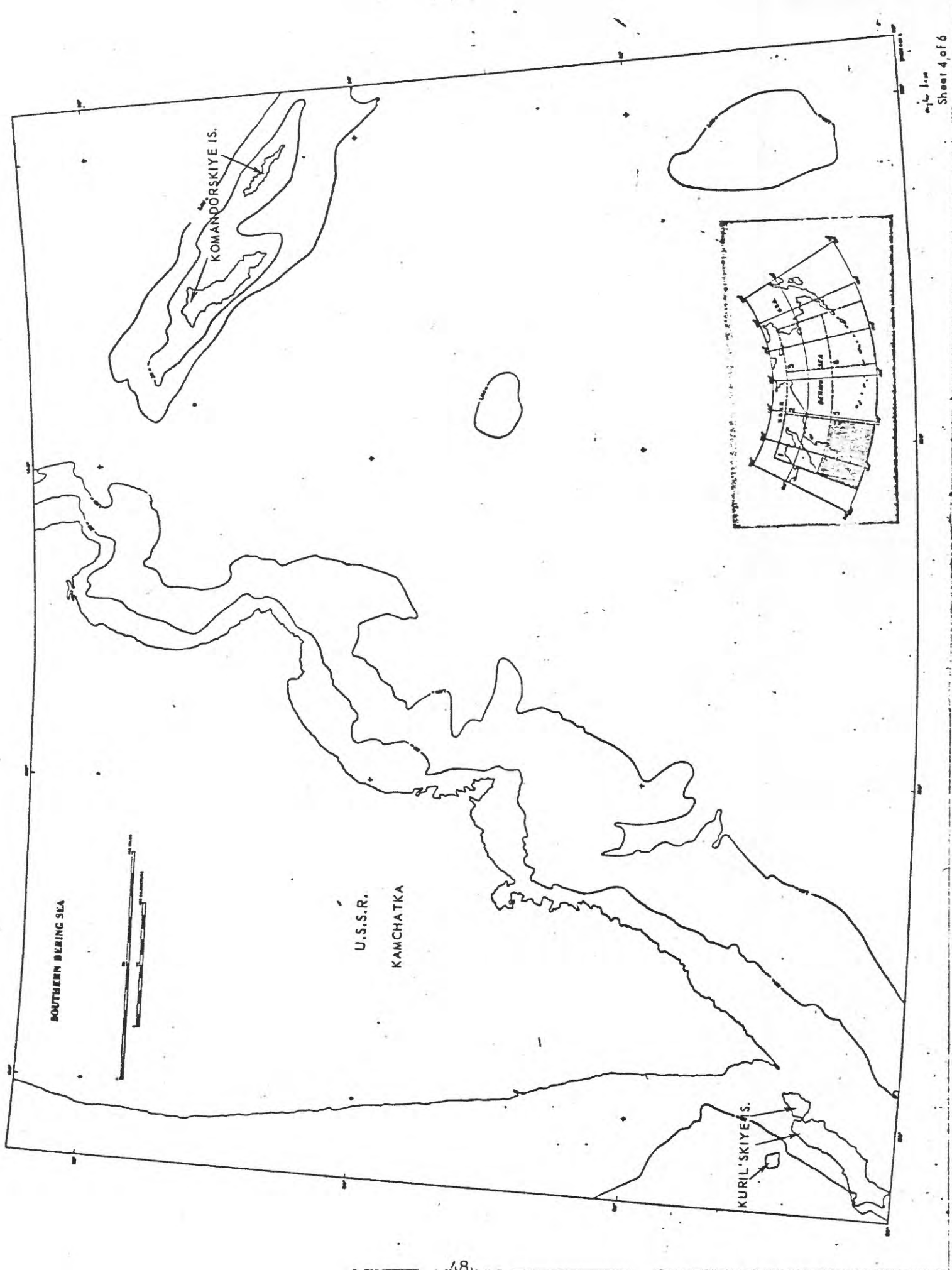
Samples

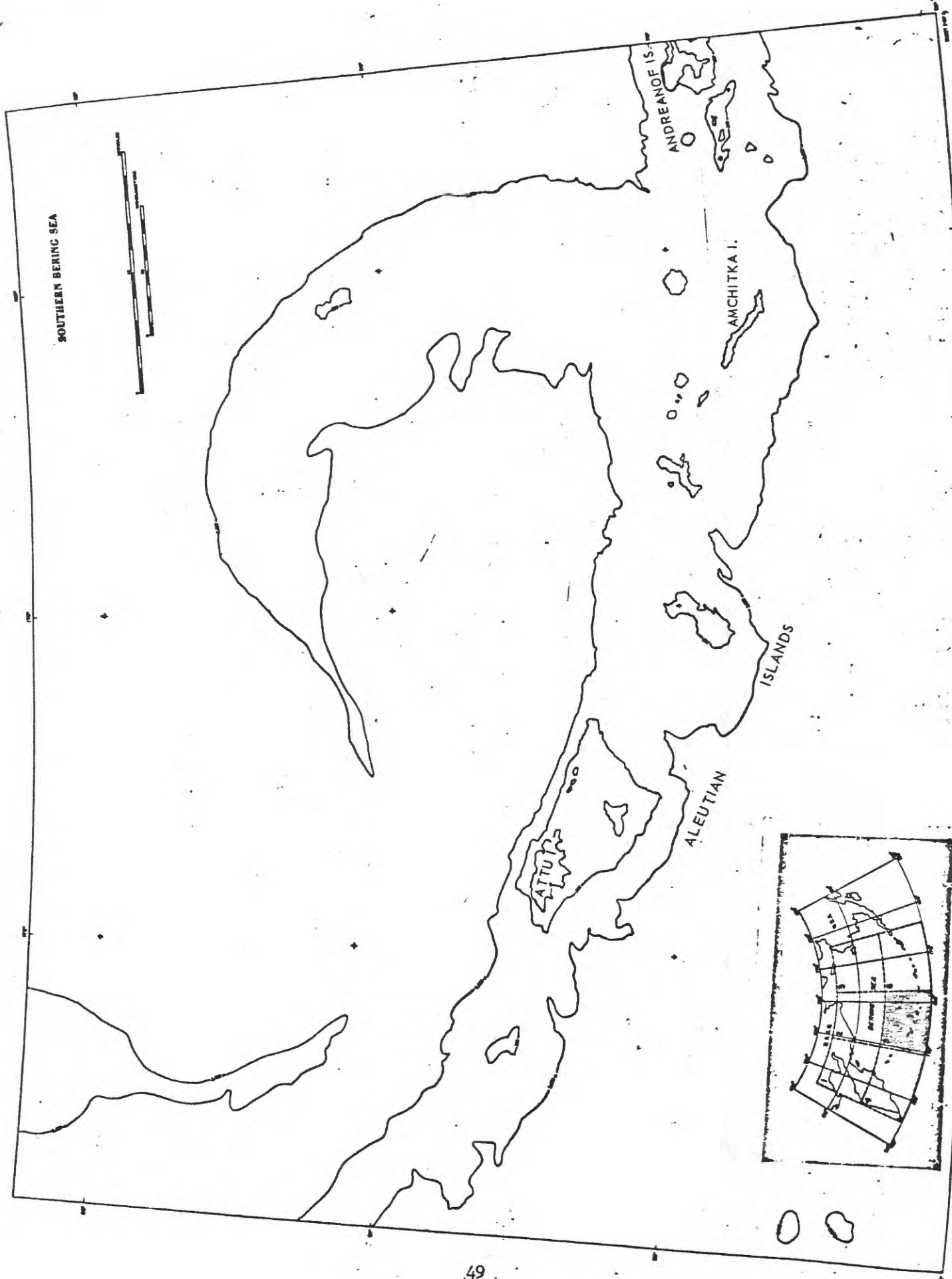


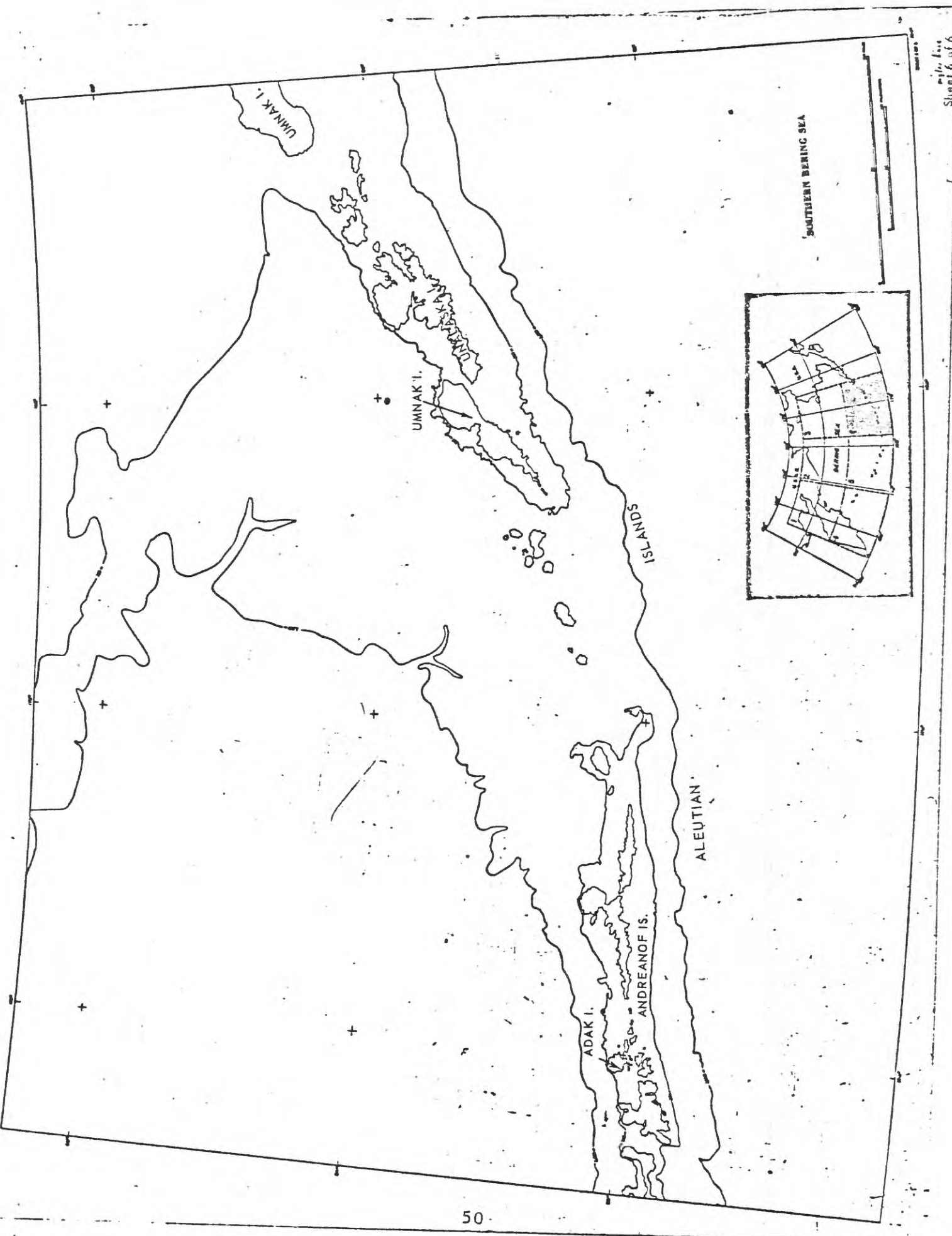


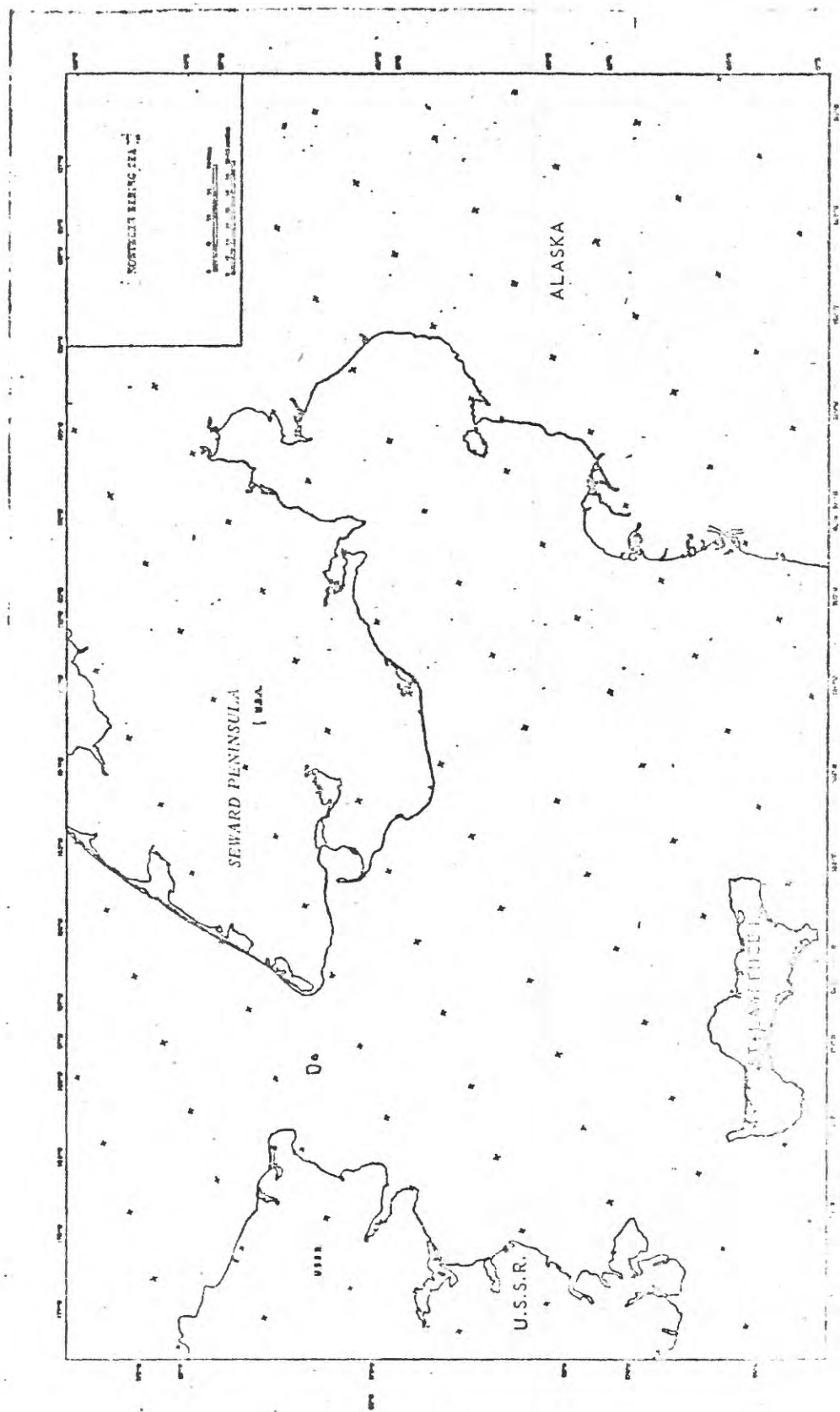
Sheet 2 of 6

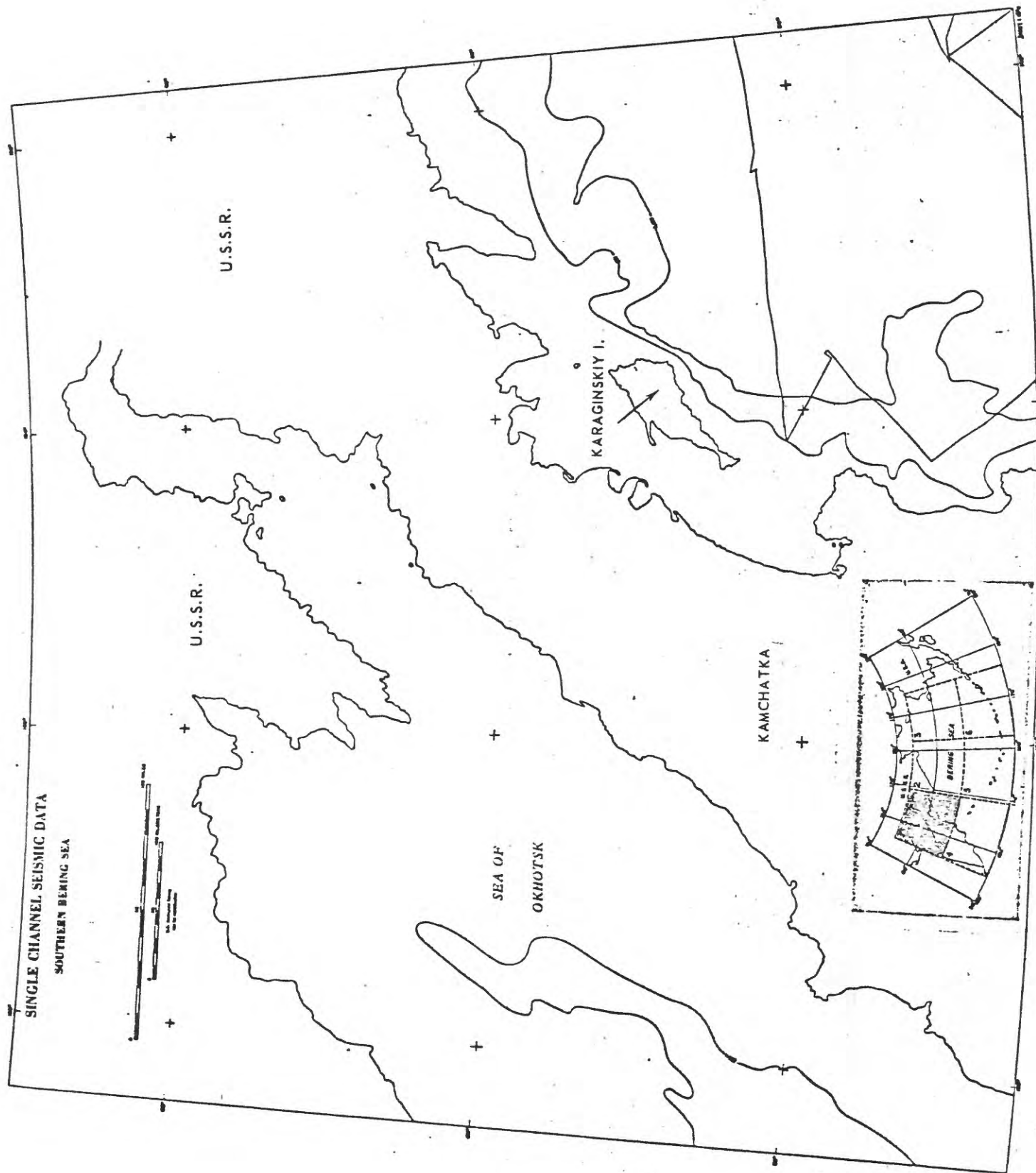












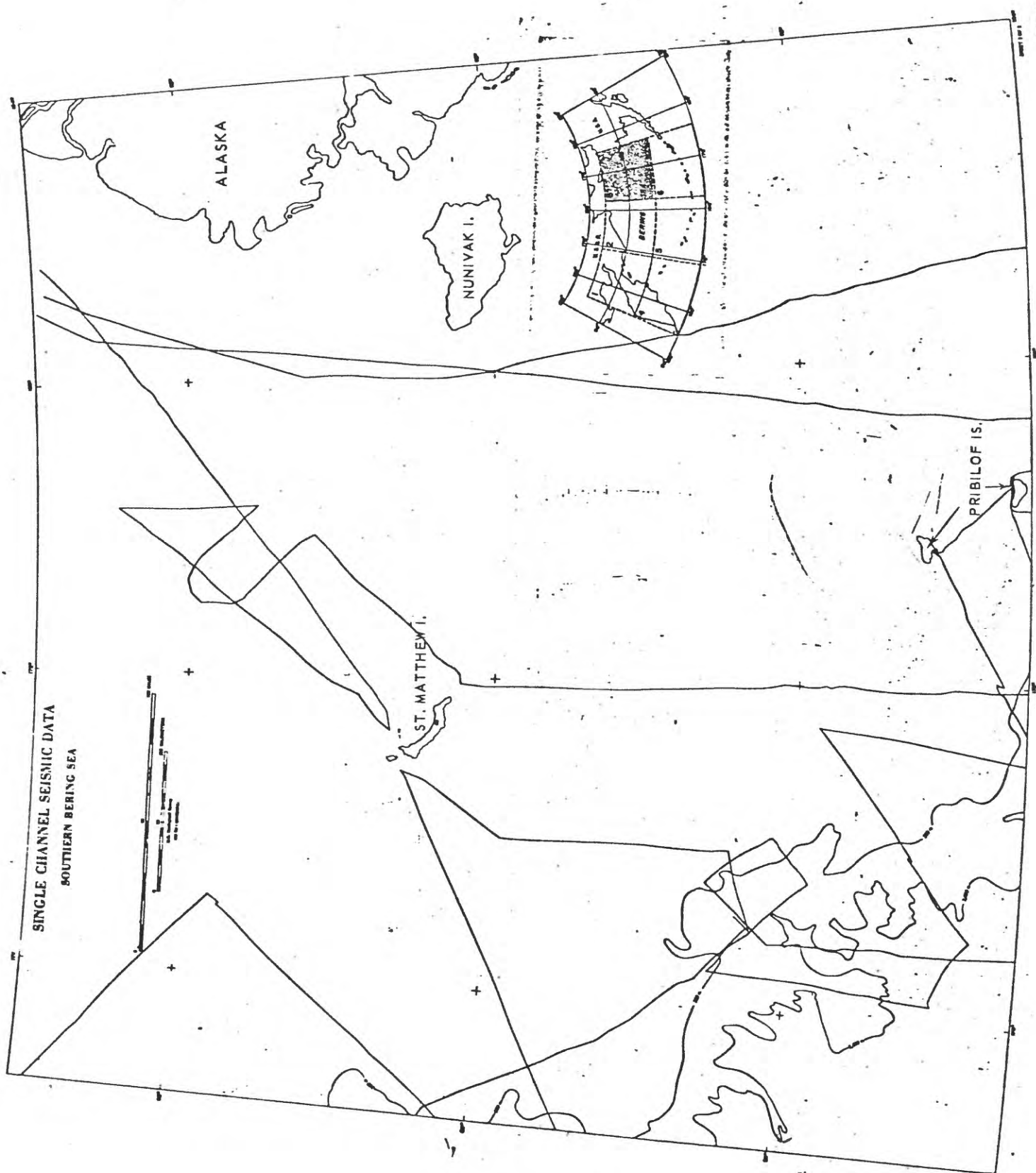
SINGLE CHANNEL SEISMIC DATA
SOUTHERN BEHRING SEA

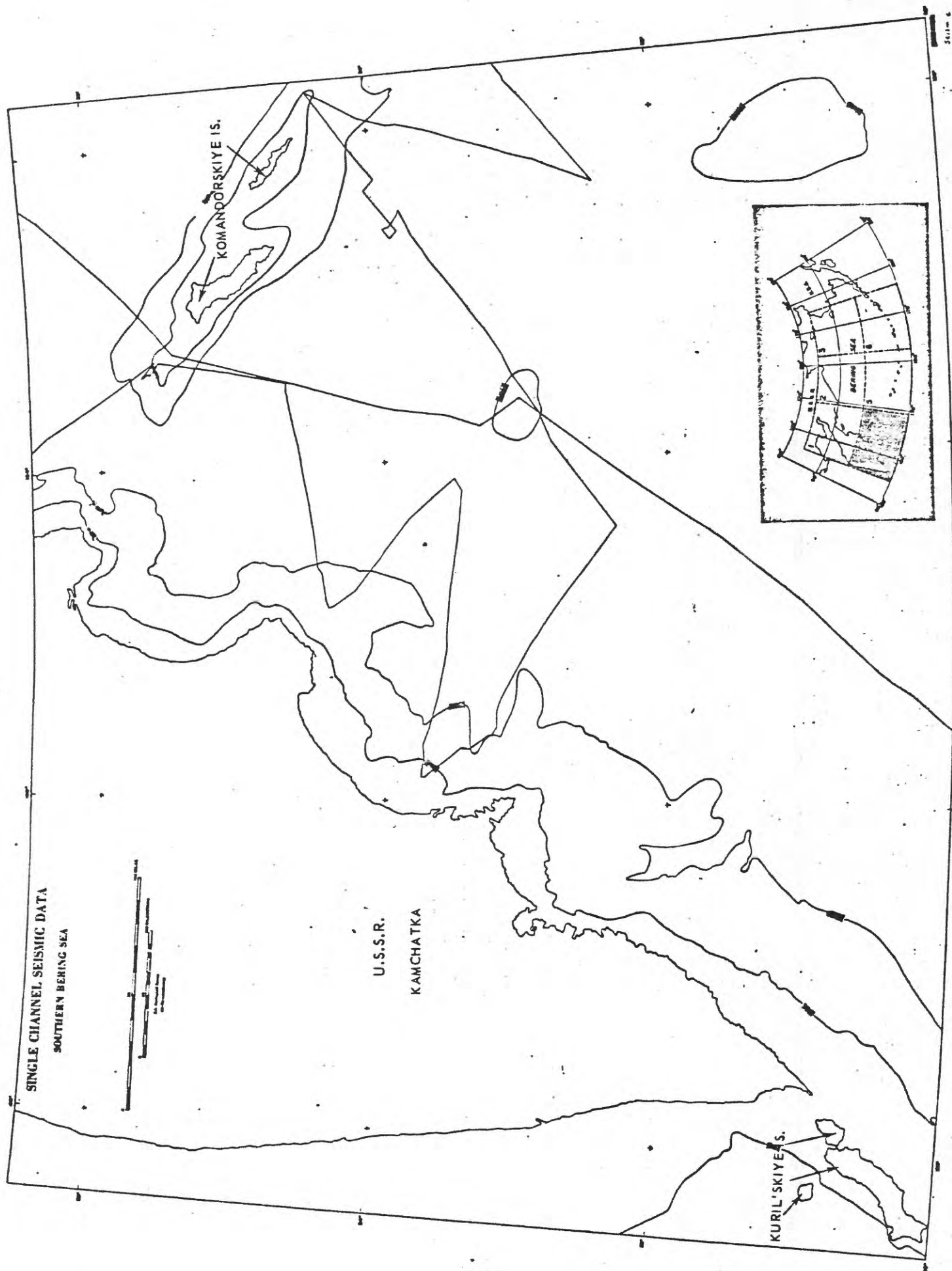
U.S.S.R.

U.S.S.R.

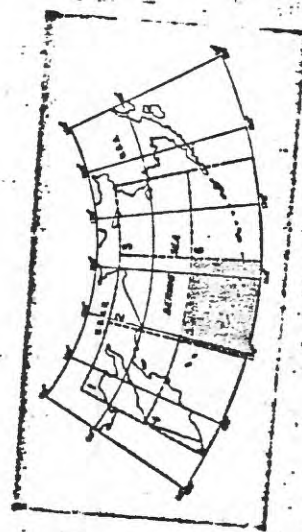
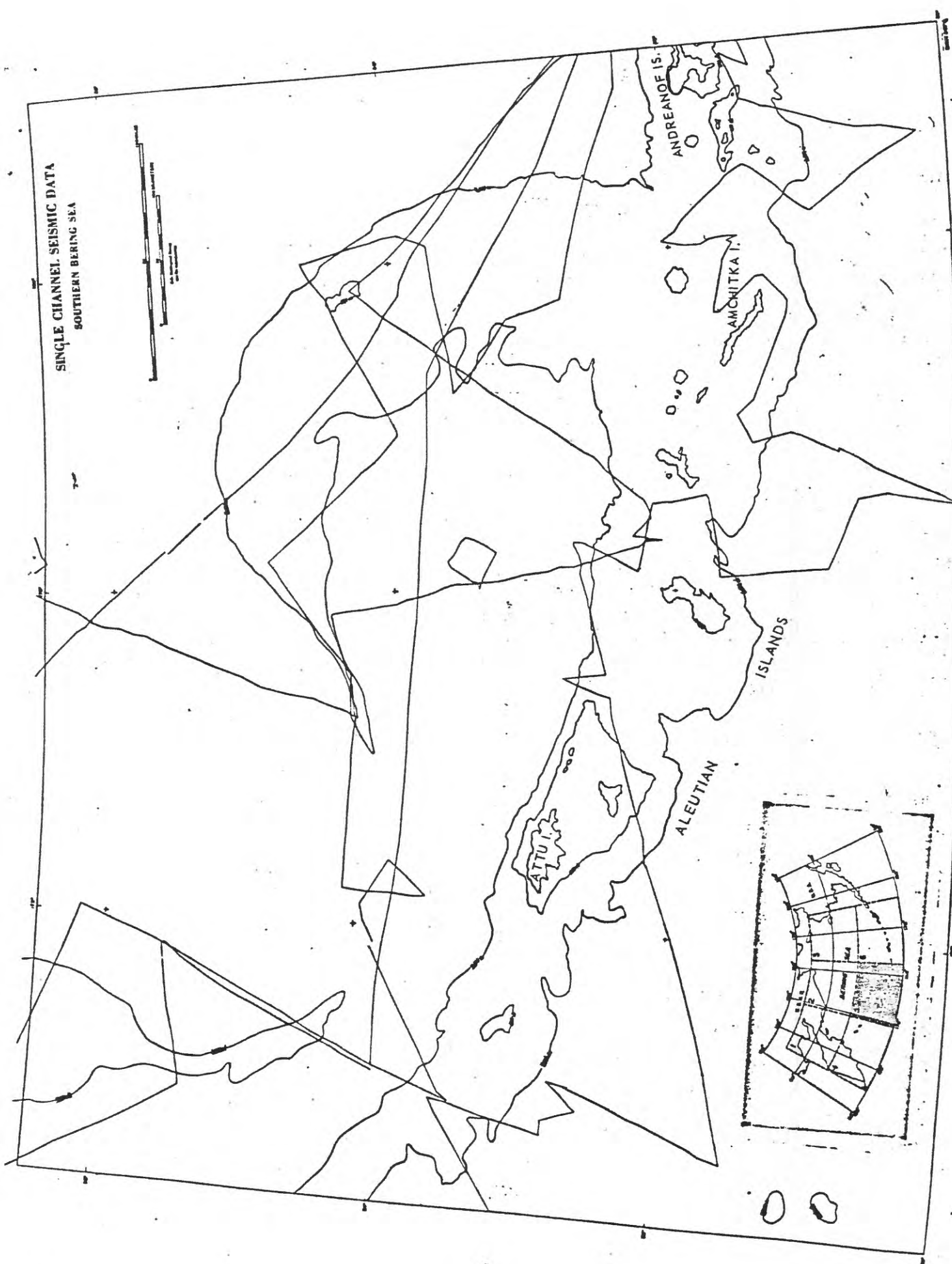


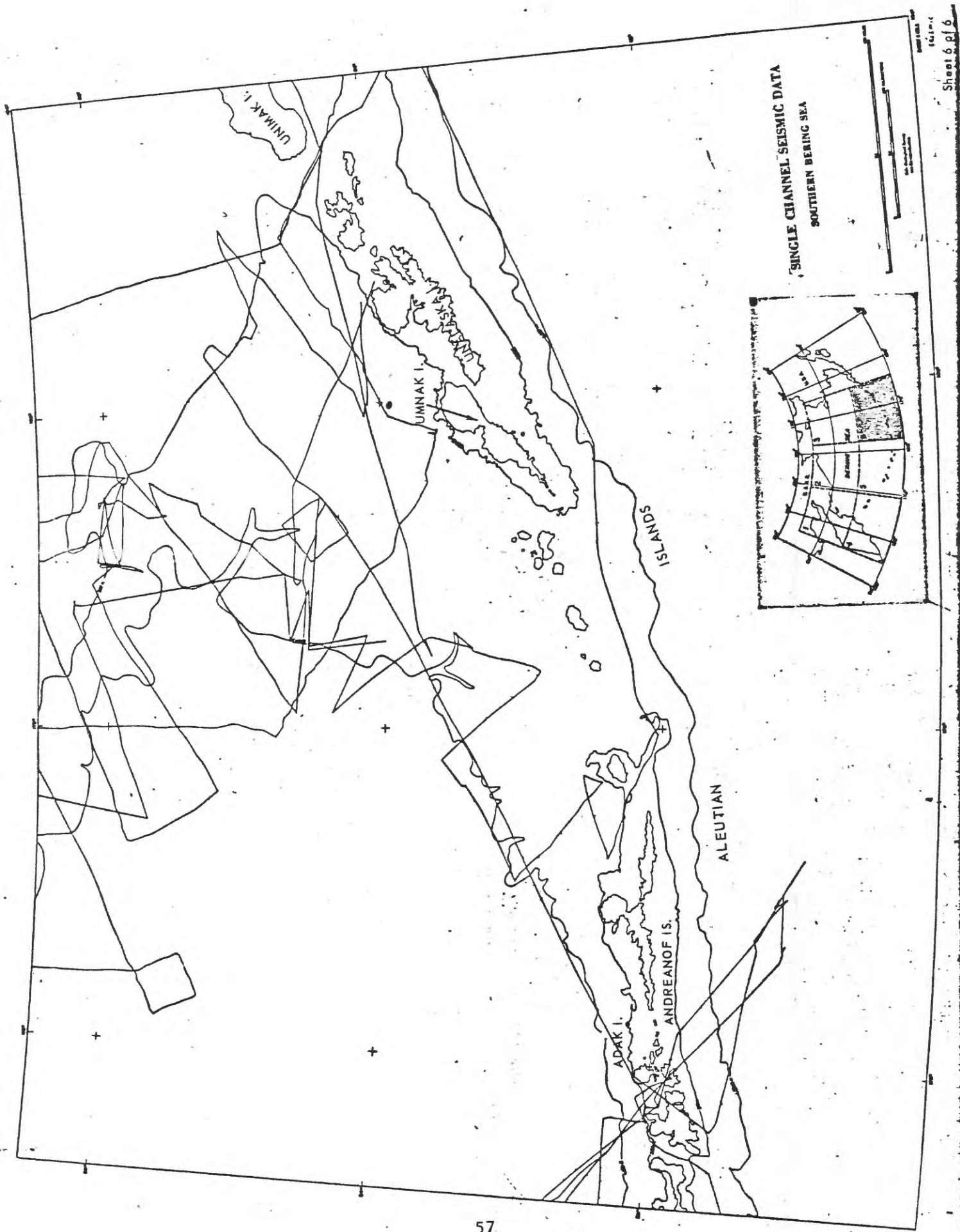
Sheet 2 of 6

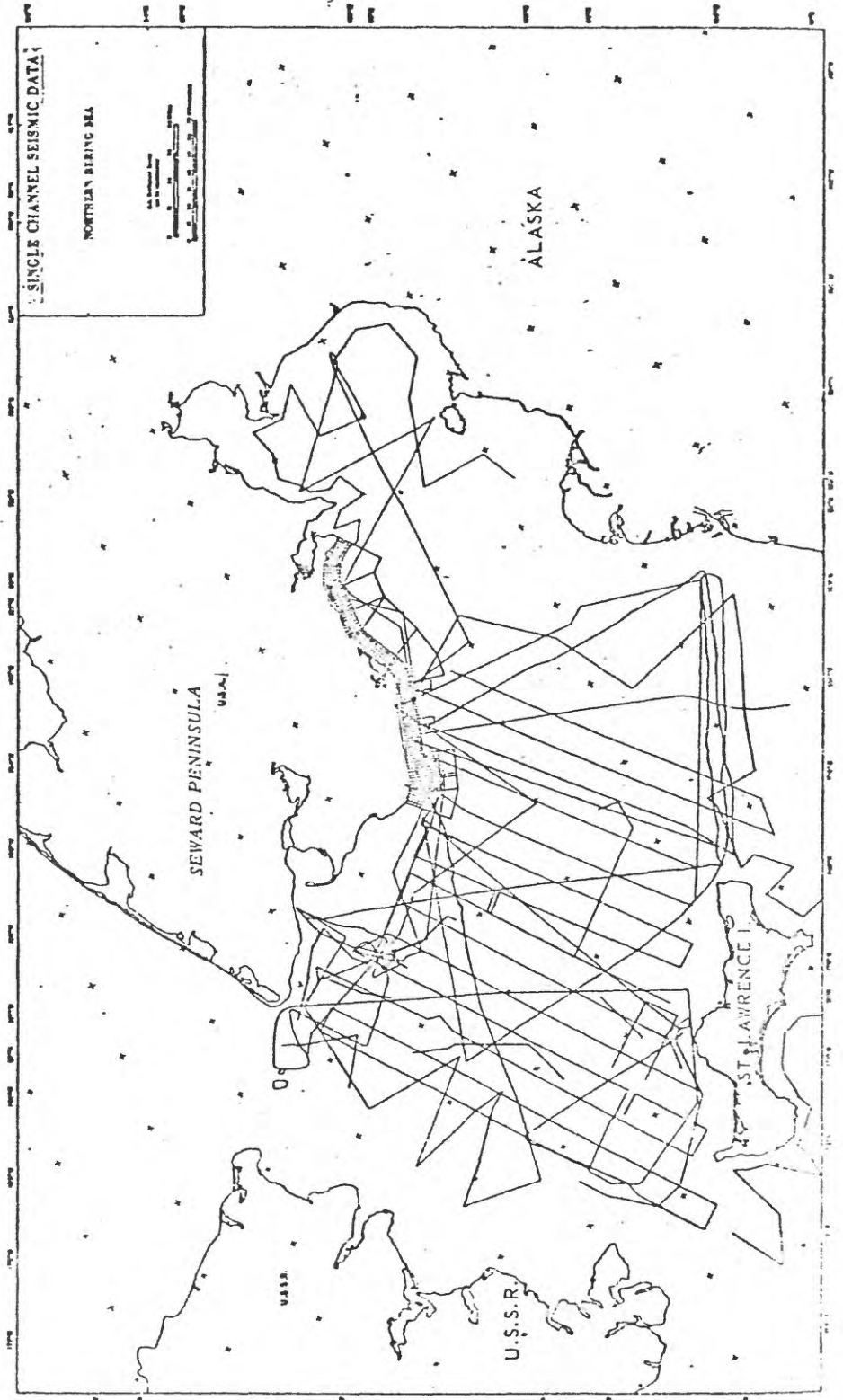


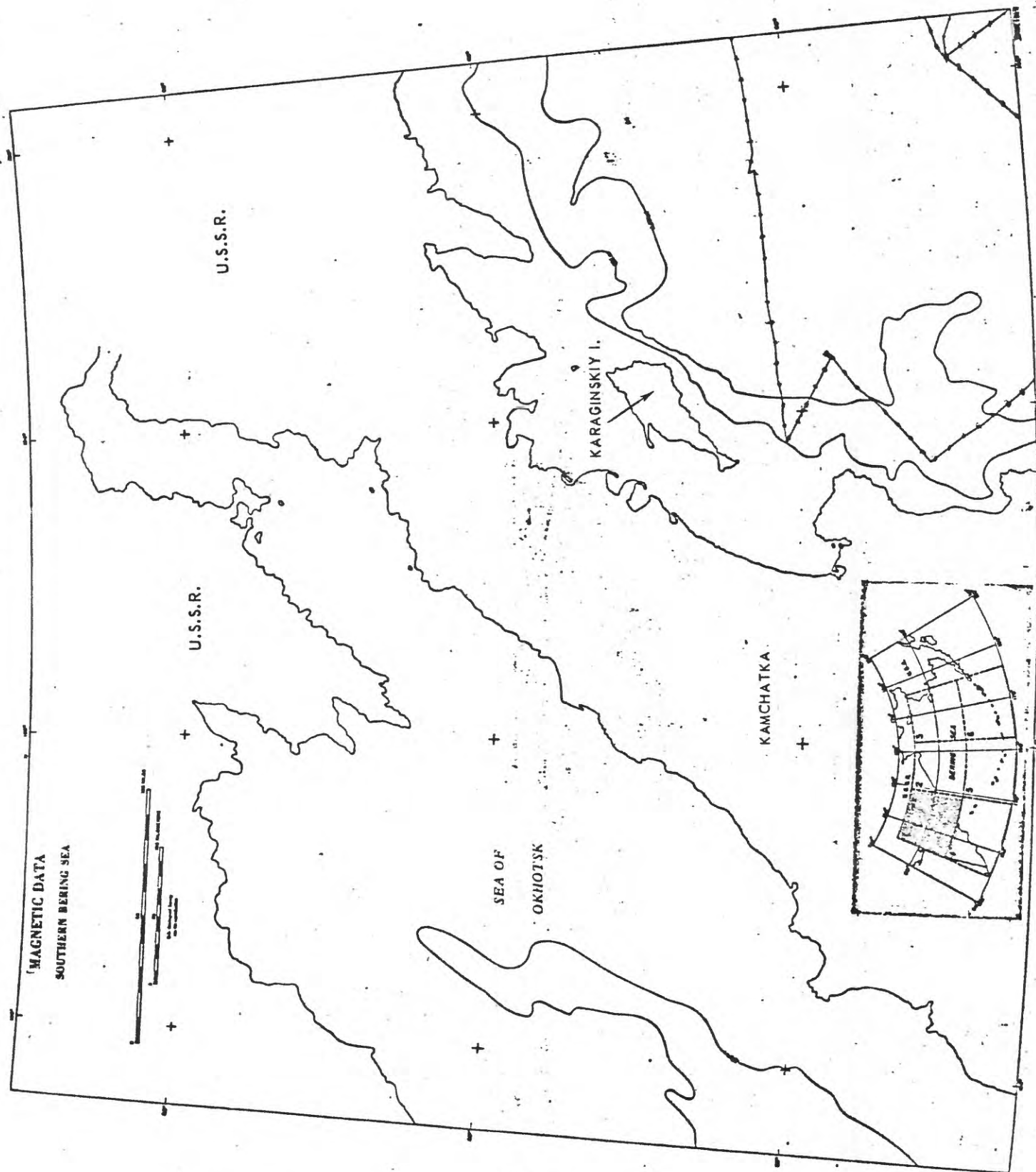


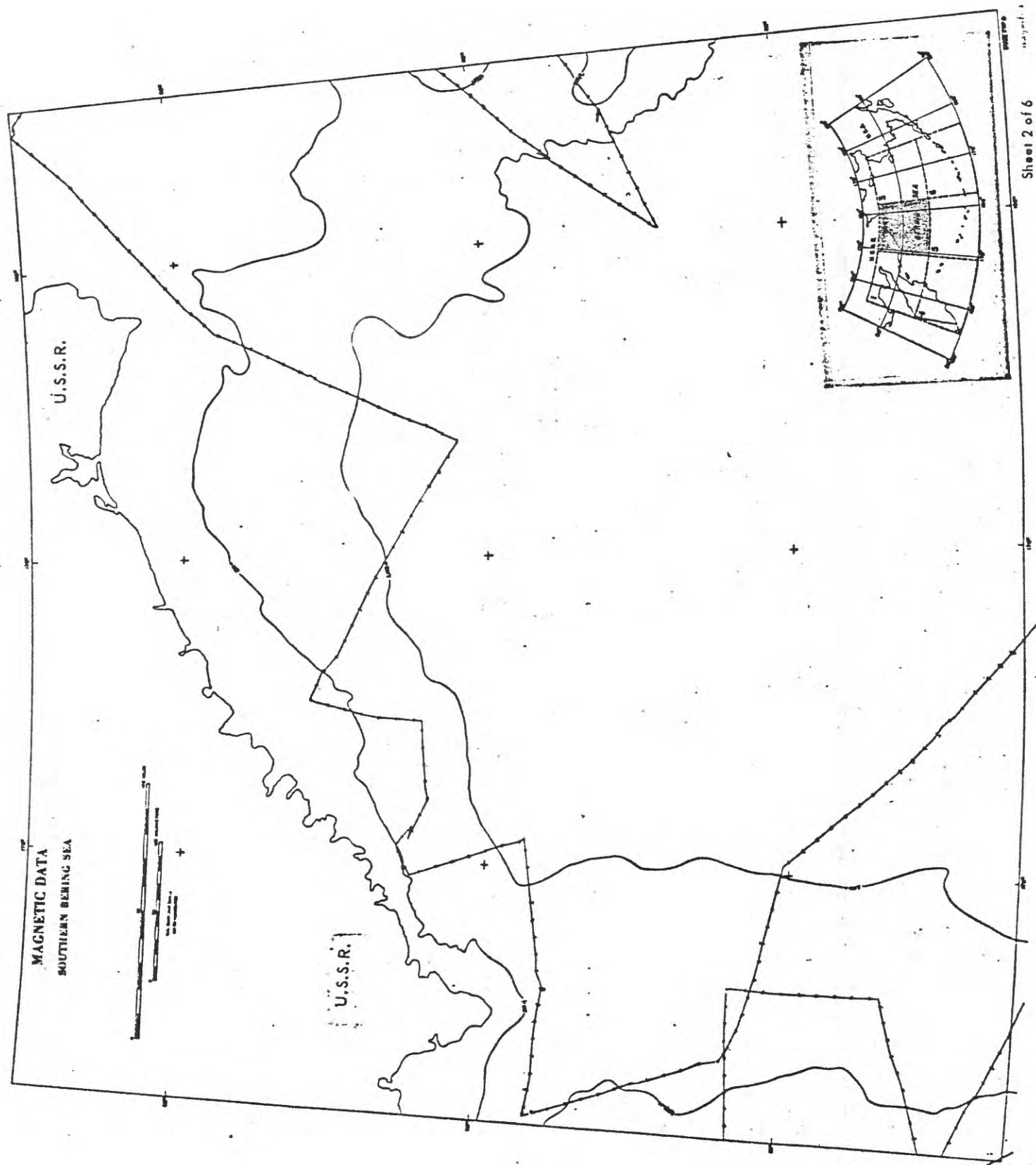
SINGLE CHANNEL SEISMIC DATA
SOUTHERN BERING SEA

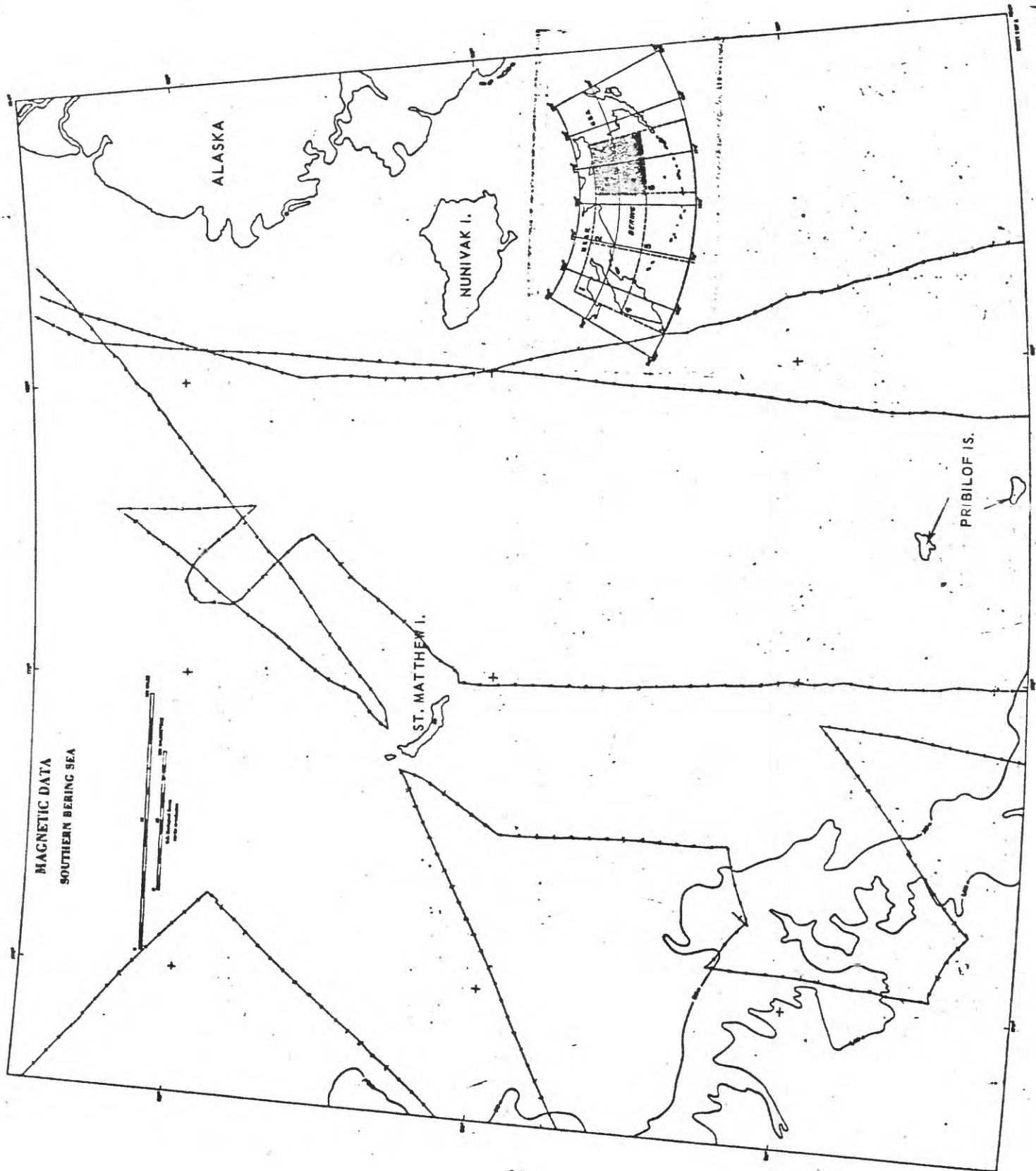


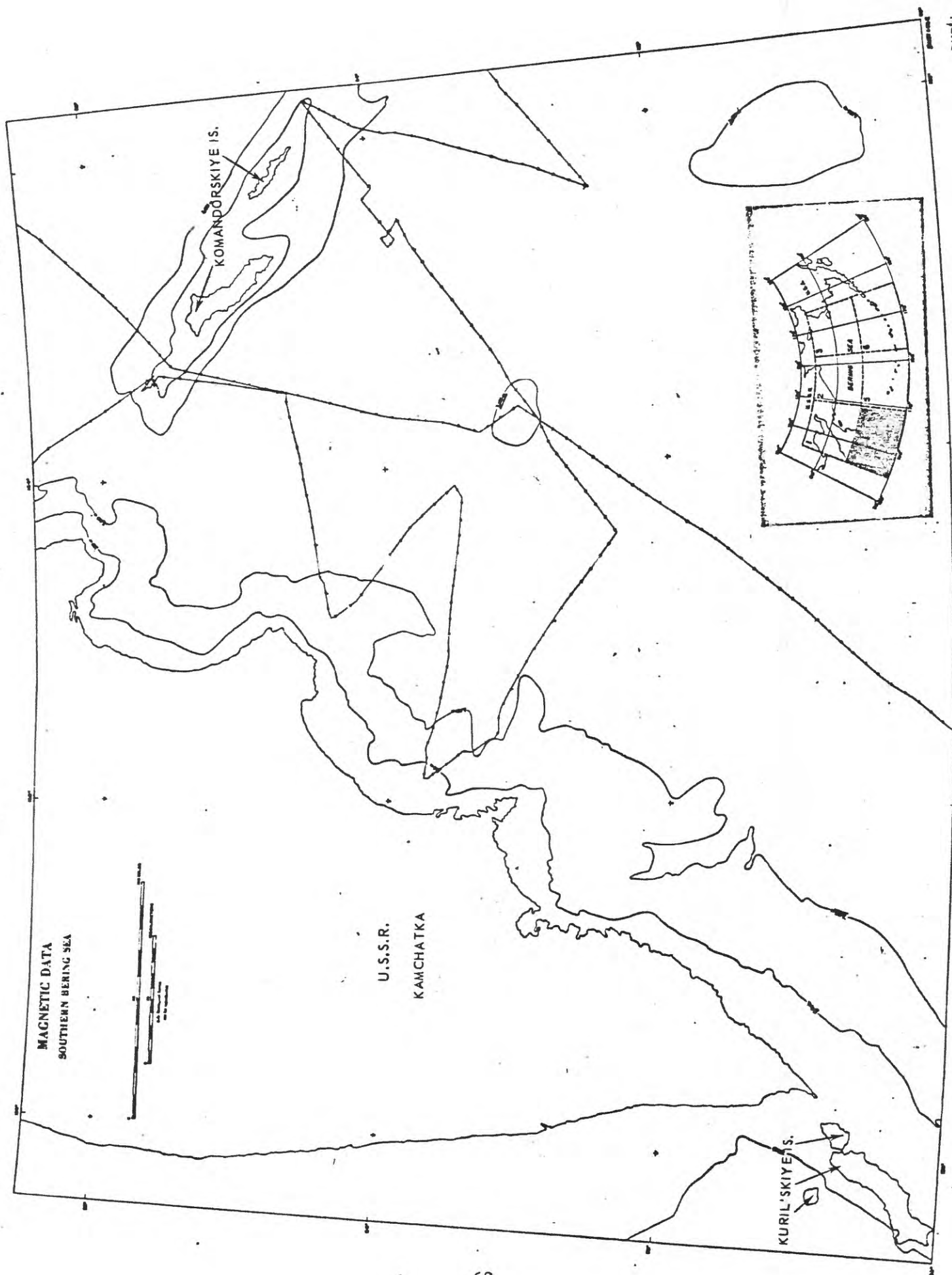




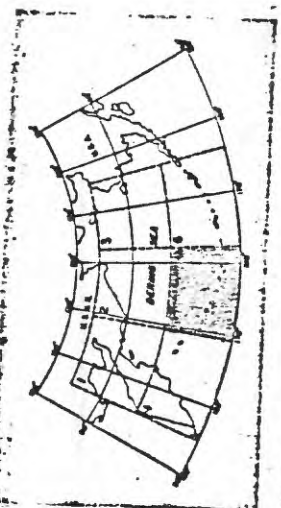
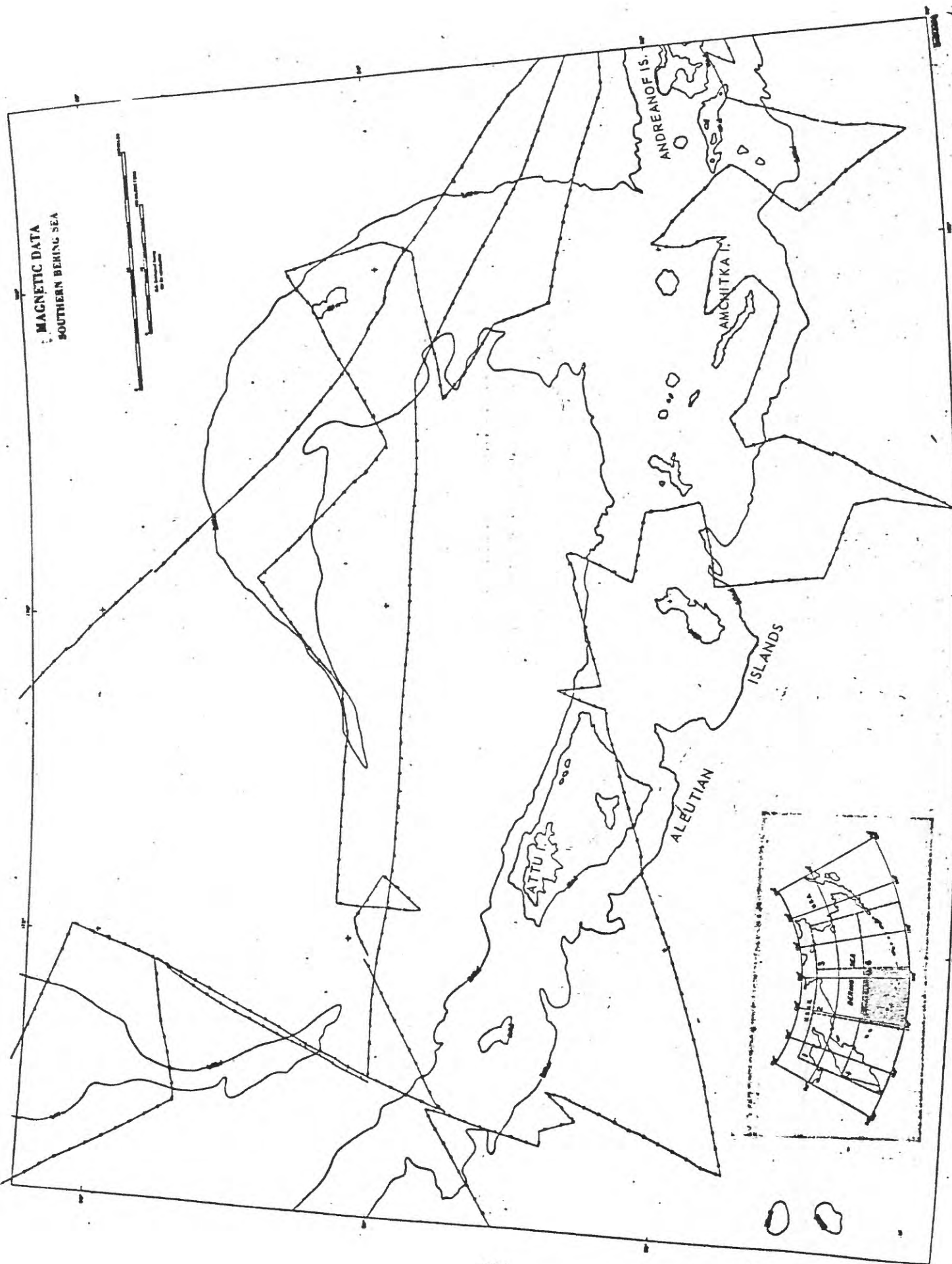


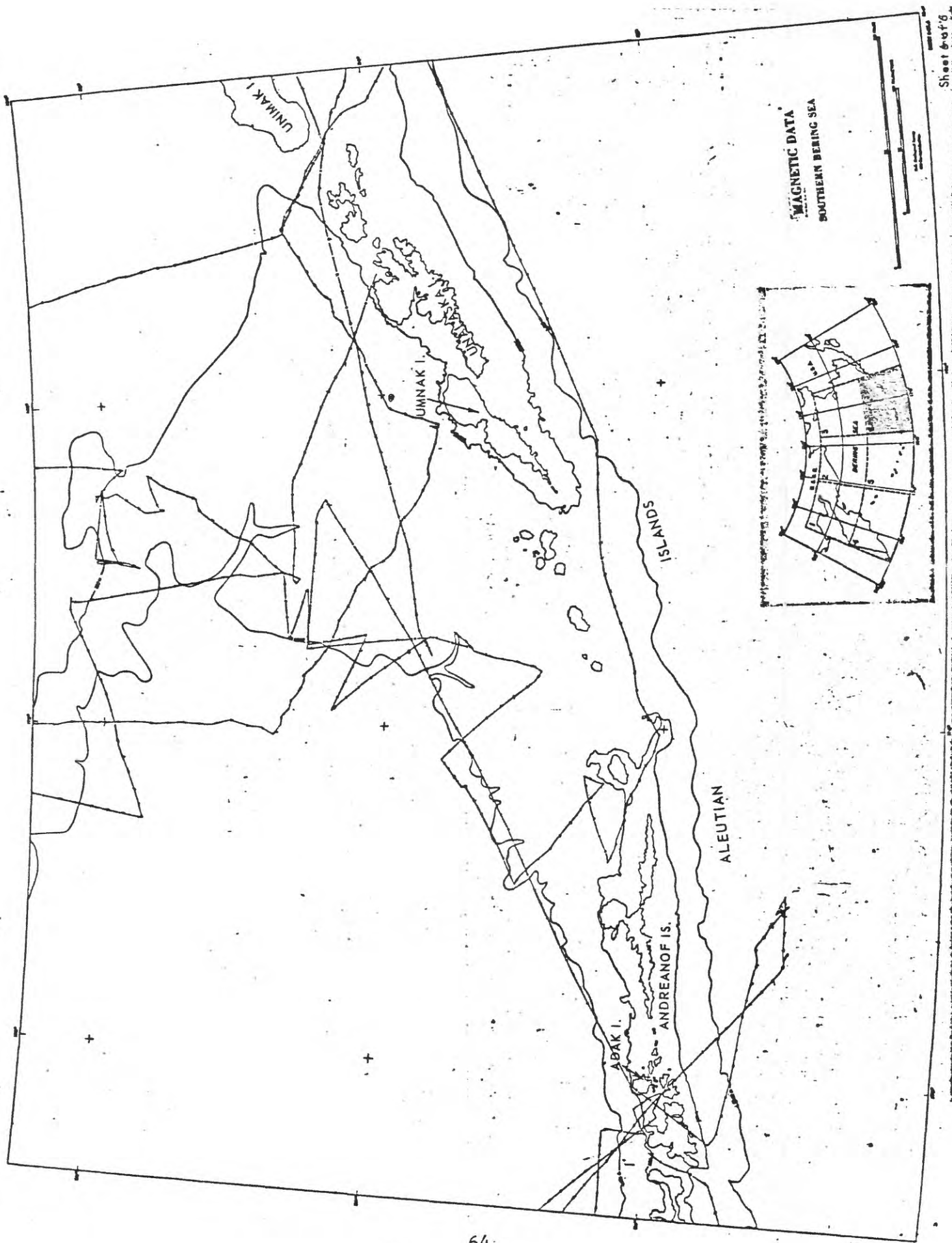




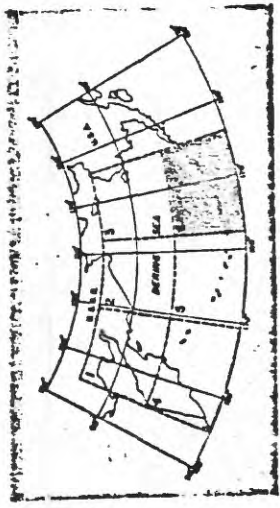


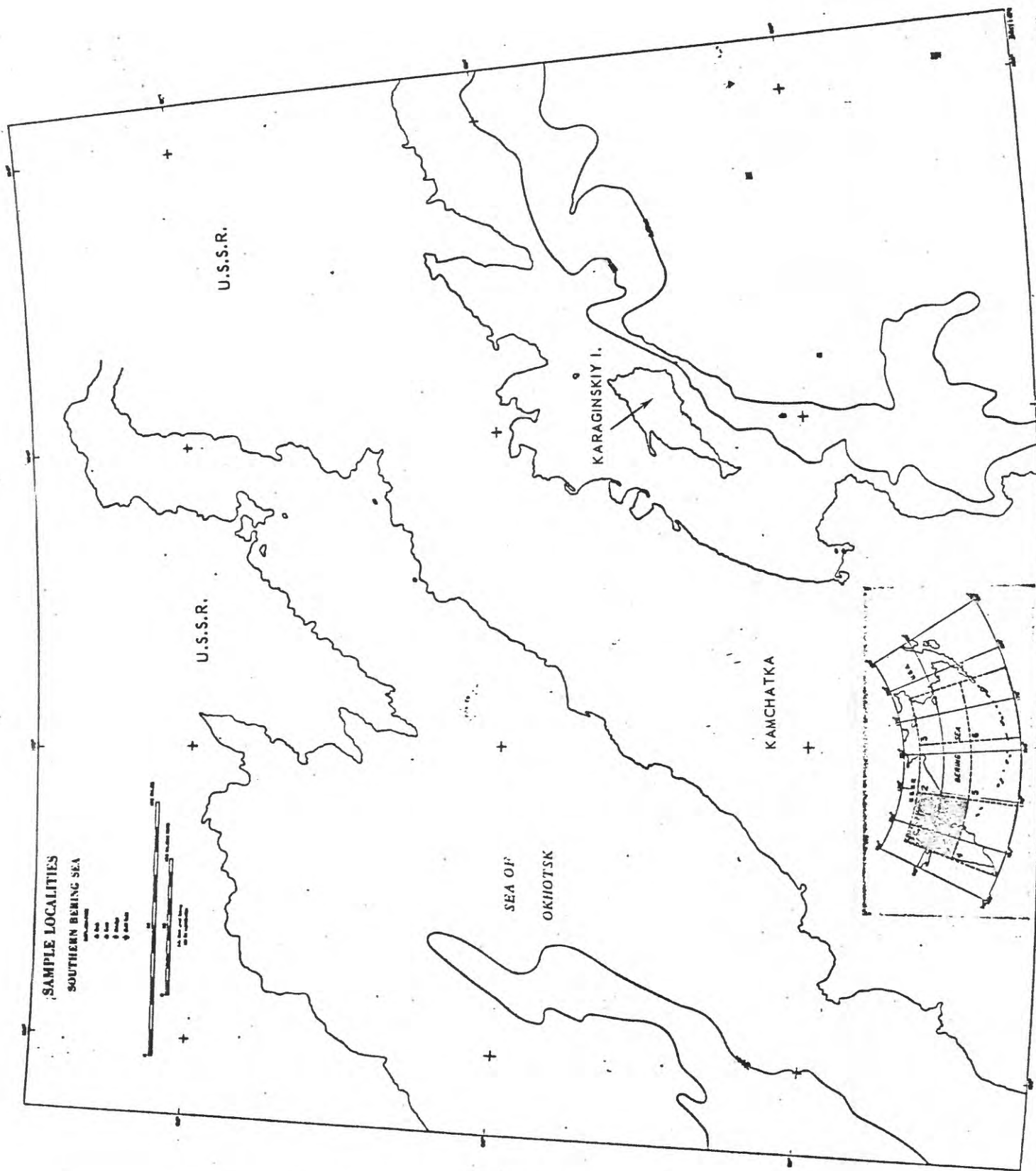
MAGNETIC DATA
SOUTHERN BERING SEA

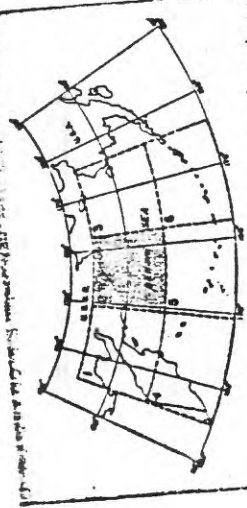
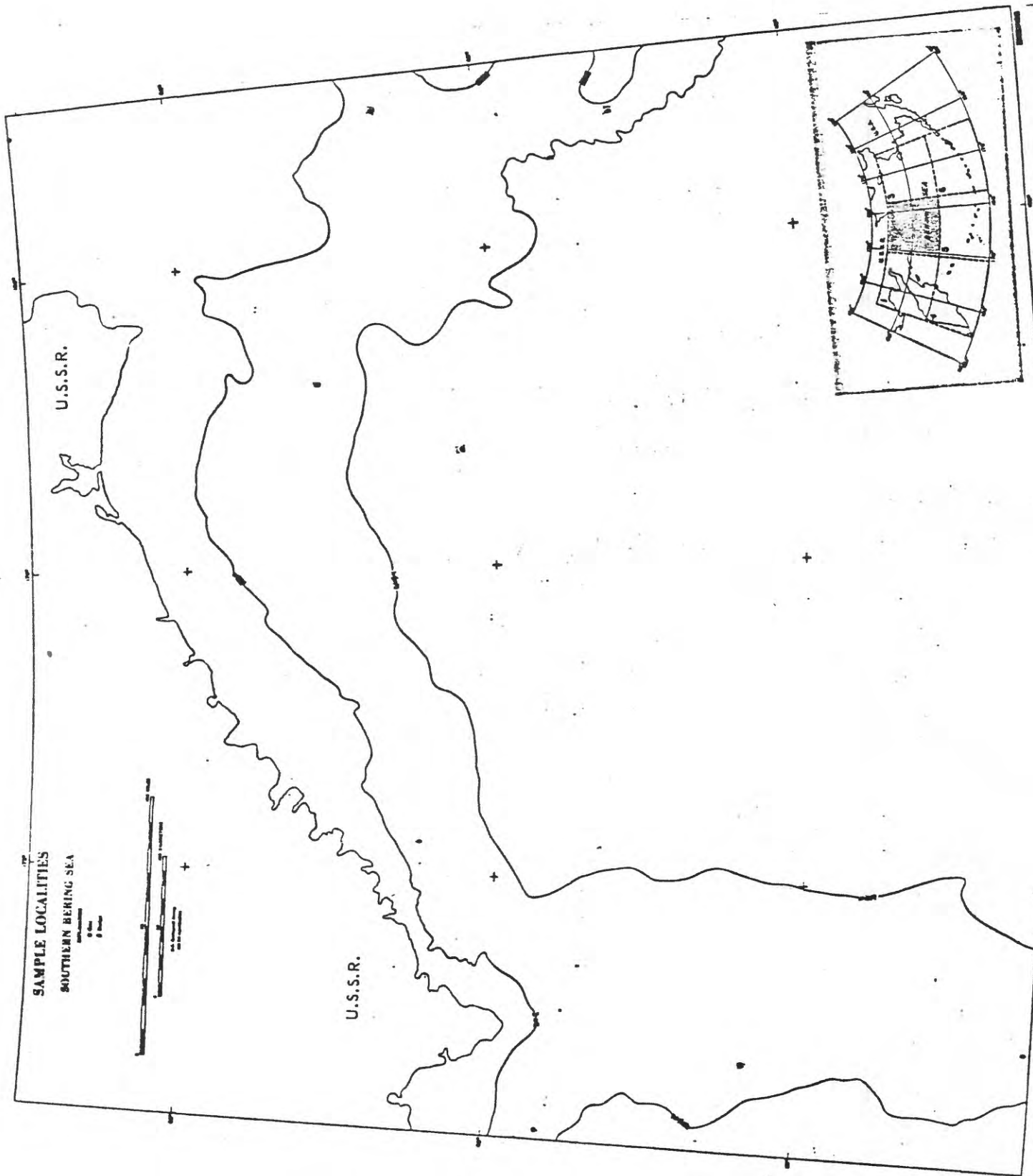


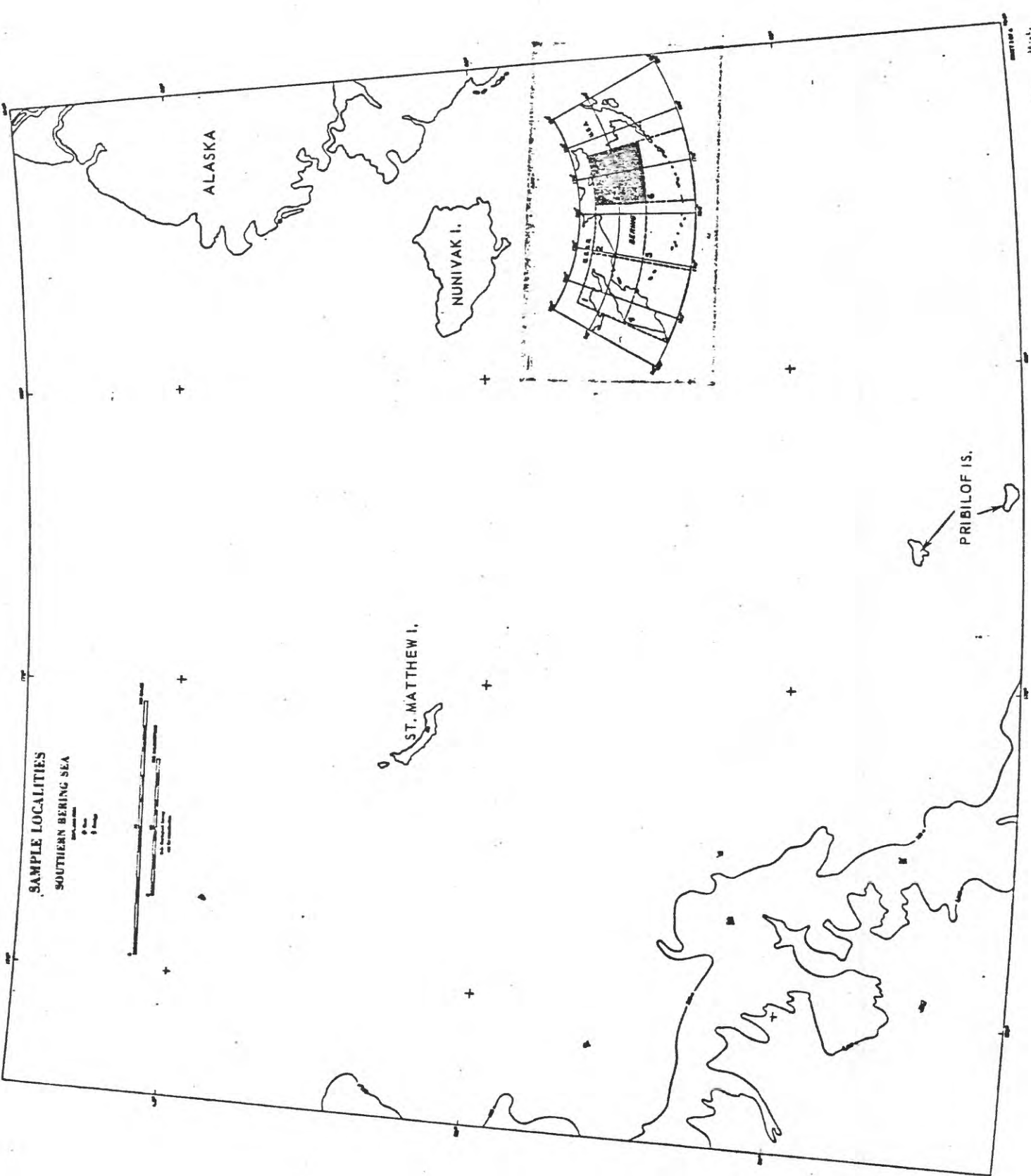


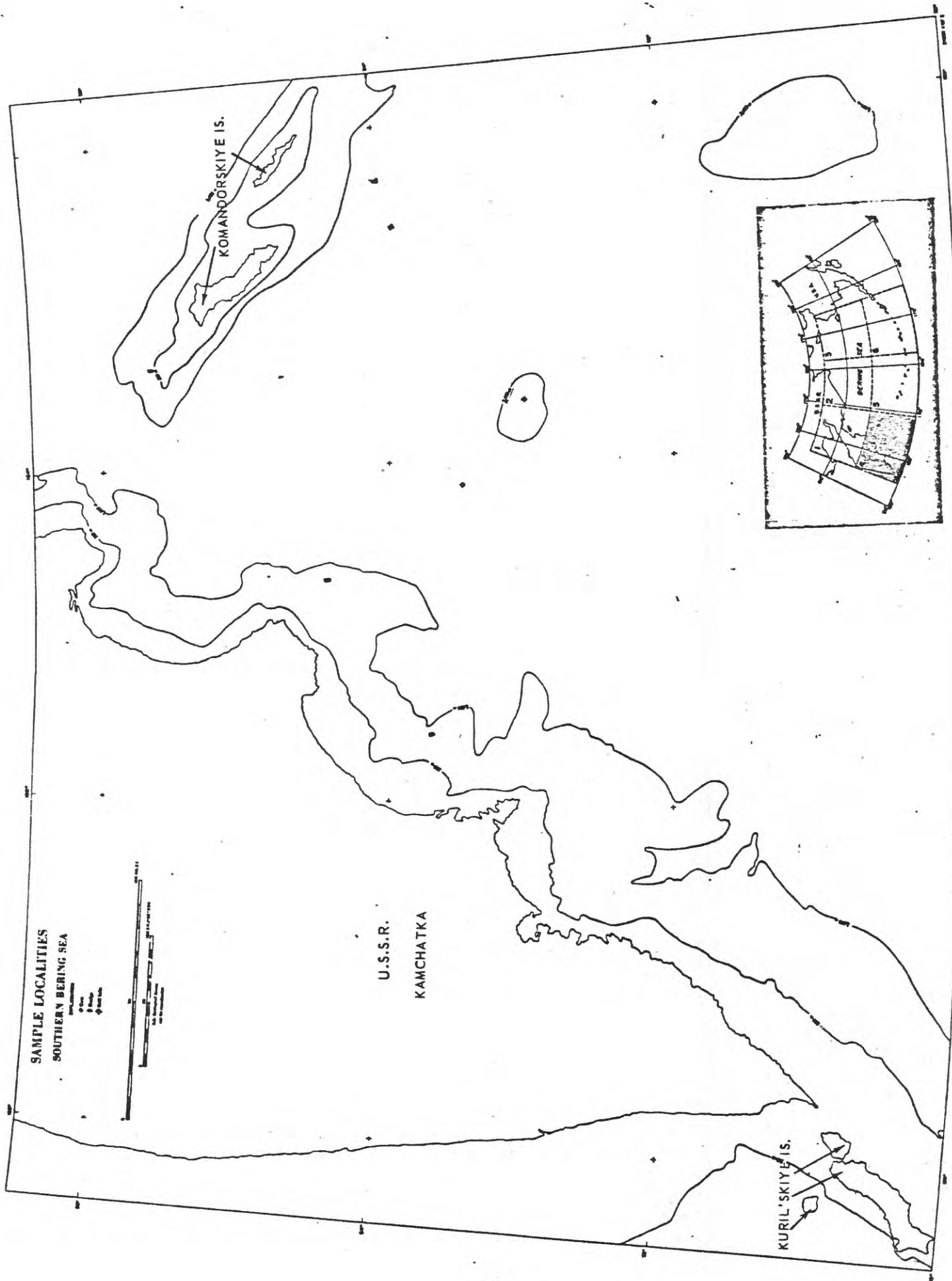
MAGNETIC DATA
SOUTHERN BERING SEA





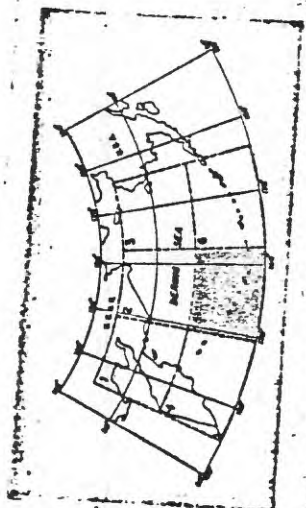


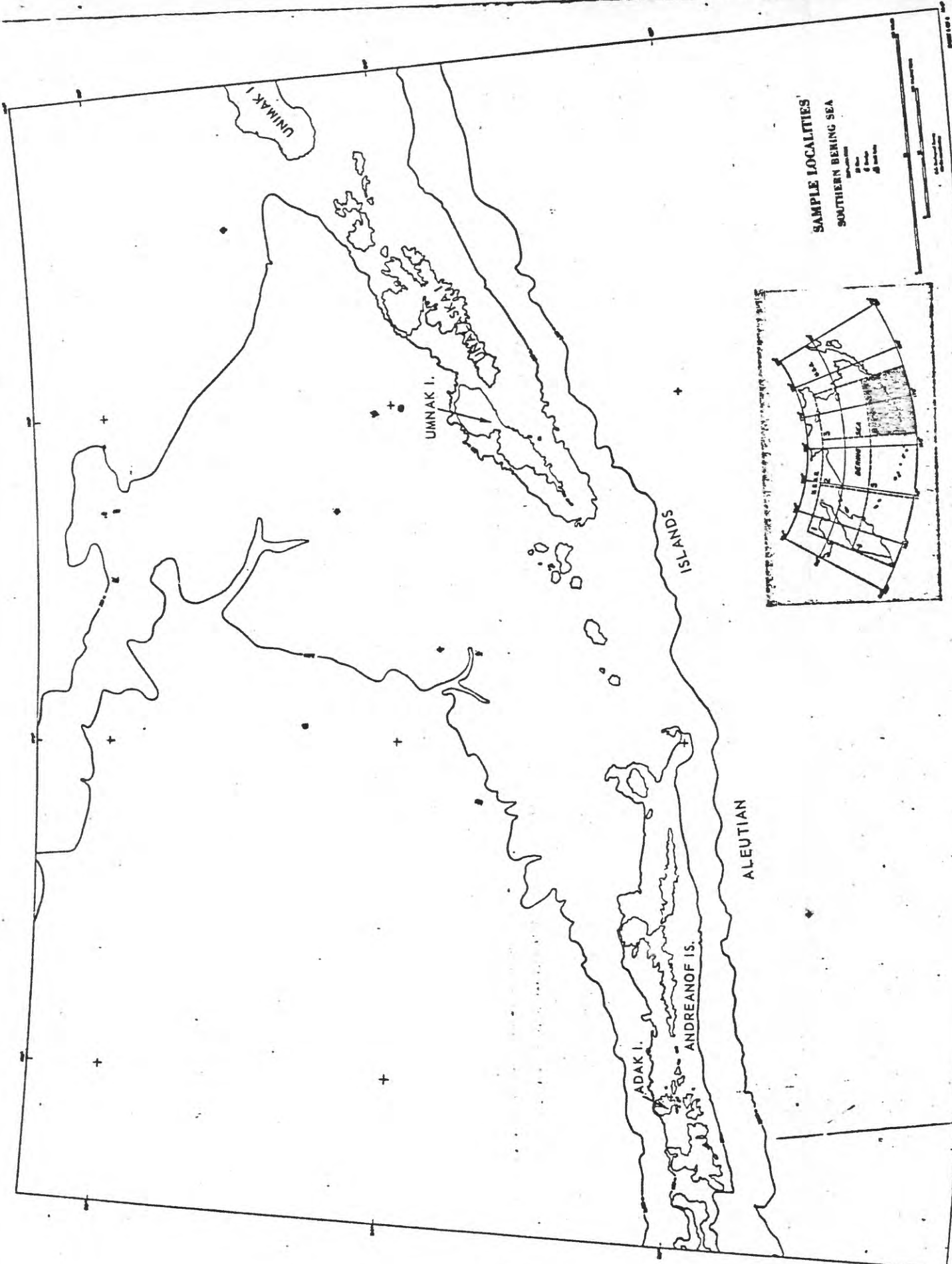




SAMPLE LOCALITIES
SOUTHERN BERING SEA

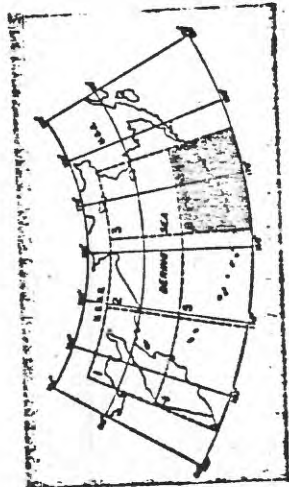
100 Miles
100 Kilometers

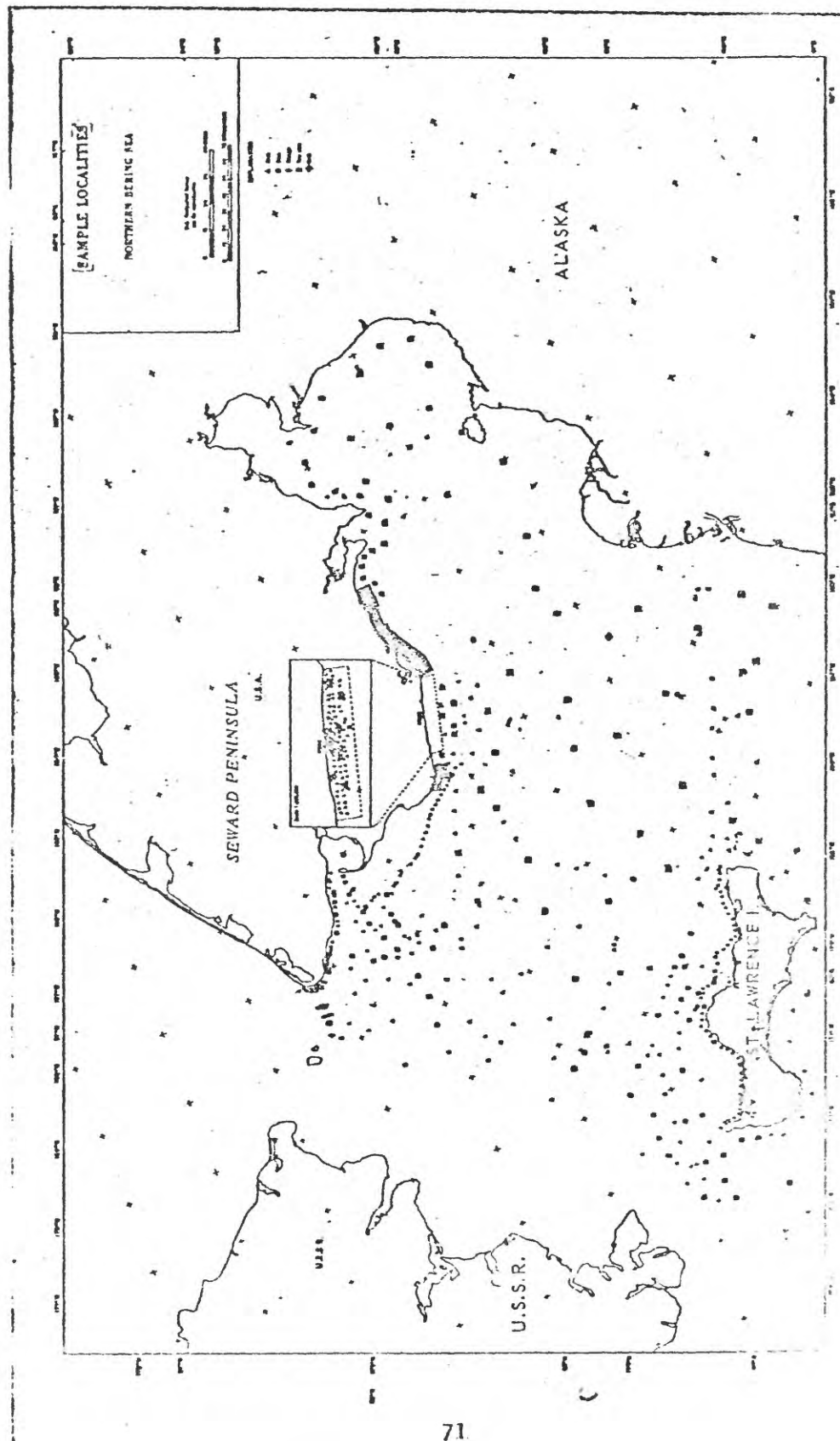




SAMPLE LOCALITIES
SOUTHERN BERING SEA

Legend:
 + Sample locality
 • Sample locality
 • Sample locality





CHUKCHI SEA (1 SHEET)

Available data:

Bathymetric base

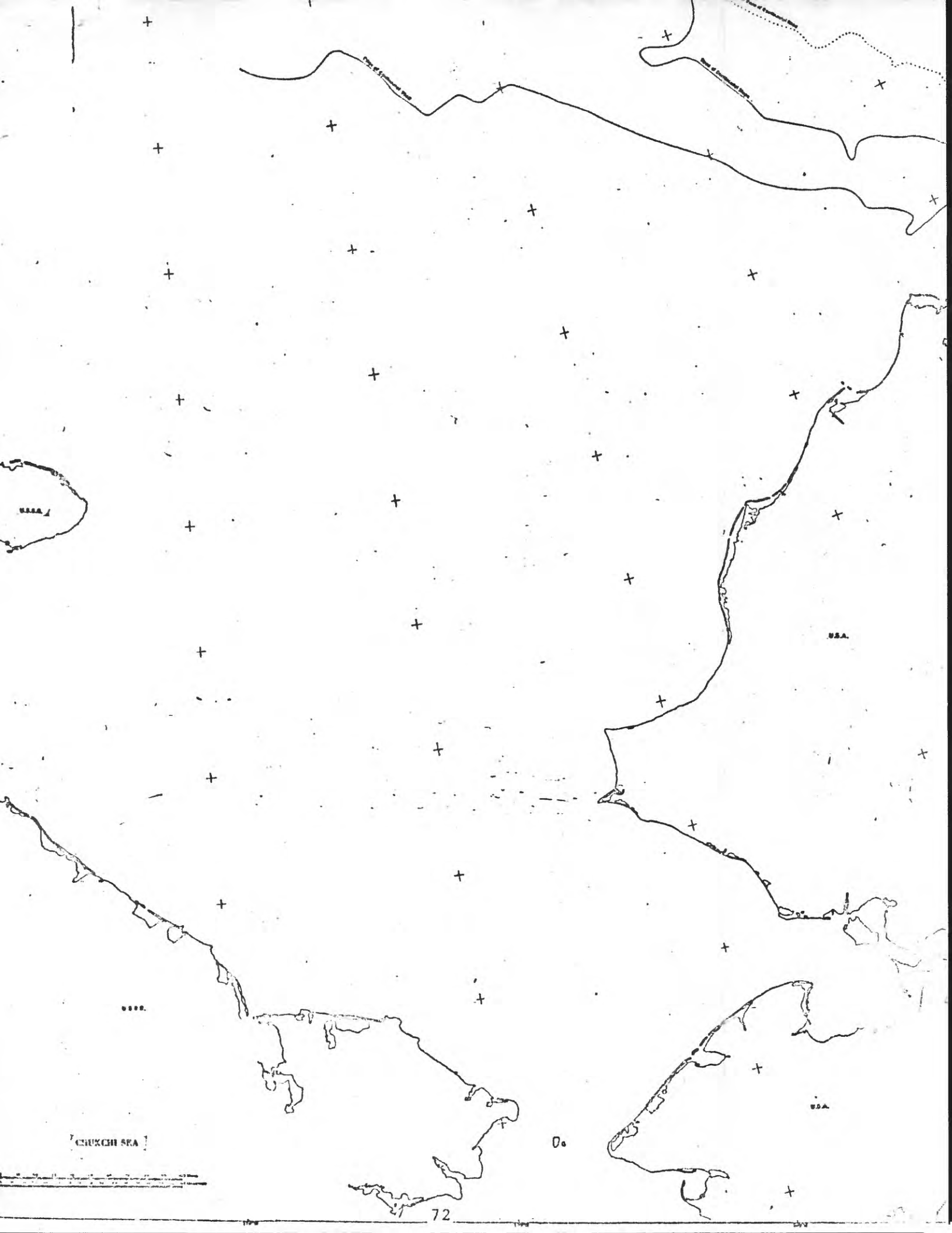
Common Depth Point (none)

Single channel seismic

Gravity

Magnetic

Samples (none)







GRAVITY DATA

CHUUK SEA

U.S. Navy Hydrographic Office
1960

