

RESEARCH FOR THE MANAGEMENT
OF THE FISHERIES ON LAKE
TANGANYIKA

RECHERCHE POUR L'AMENA-
DES PECHEES AU LAC
TANGANYIKA

GCP/RAF/271/FIN-FM/01 (En & Fr)

April 1993

FIELD GUIDE CONTAINING MAPS OF THE LAKE TANGANYIKA SHORELINE
GUIDE DE TERRAIN CONTENANT DES CARTES DE LA COTE
DU LAC TANGANYIKA

by
E. J. COENEN

FINNISH INTERNATIONAL DEVELOPMENT AGENCY

FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS

Bujumbura, April 1993

The conclusions and recommendations given in this and other reports in the Research for the Management of the Fisheries on Lake Tanganyika Project series are those considered appropriate at the time of preparation. They may be modified in the light of further knowledge gained at subsequent stages of the Project. The designations employed and the presentation of material in this publication do not imply the expression of any opinion on the part of FAO or FINNIDA concerning the legal status of any country, territory, city or area, or concerning the determination of its frontiers or boundaries.

PREFACE

The Research for the Management of the Fisheries on Lake Tanganyika project (Lake Tanganyika Research) became fully operational in January 1992. It is executed by the Food and Agriculture Organization of the United Nations (FAO) and funded by the Finnish International Development Agency (FINNIDA) and the Arab Gulf Programme for United Nations Development Organizations (AGFUND).

This project aims at the determination of the biological basis for fish production on Lake Tanganyika, in order to permit the formulation of a coherent lake-wide fisheries management policy for the four riparian States (Burundi, Tanzania, Zaïre and Zambia).

Particular attention will be also given to the reinforcement of the skills and physical facilities of the fisheries research units in all four beneficiary countries as well as to the buildup of effective coordination mechanisms to ensure full collaboration between the Governments concerned.

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GCP/RAF/271/FIN PUBLICATIONS

Publications of the project are issued in two series:

* a series of **technical documents (GCP/RAF/271/FIN-TD)** related to meetings, missions and research organized by the project; and

* a series of **manuals and field guides (GCP/RAF/271/FIN-FM)** related to training and field work activities conducted in the framework of the project.

For both series, reference is further made to the document number **(01)**, and the language in which the document is issued: English **(En)** and/or French **(Fr)**.

For bibliographic purposes this document should be cited as follows:

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GCP/RAF/271/FIN-FM/01 (En & Fr): 89p.

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1. INTRODUCTION

During the recent working trip on Lake Tanganyika to install hydrodynamic equipment at different locations from north to south on the lake, it became apparent that a handy field guide containing maps of the about 1850km long Lake Tanganyika shoreline could be more useful for field work activities and easy positioning and navigating than carrying along dozens of bothersome and expensive geographical maps.

Therefore, an effort was made to produce this field guide containing photocopies of the complete shoreline of Lake Tanganyika and originating from available maps in LTR's Documentation Centre.

This field guide is the first one to be published by the project in a new series of publications i.e., manuals and field guides (GCP/RAF/271/FIN-FM). Training and other manuals will also be published in this series and will have a blue cover (opposite to LTR's Technical Documents (TD) which have a white cover).

2. Methodology

Photocopies (A4 format) of the shoreline sections were made using detailed maps (scale 1:50,000) for Burundi, Tanzania and Zambia, except for Zaïre where only old 1:200,000 scale maps were available (see Appendix 1).

1. INTRODUCTION

Pendant la mission terrain récente sur le lac Tanganyika pour installer le matériel hydrodynamique à différents endroits du nord au sud sur le lac, il est devenu clair qu'un guide de terrain facile avec des cartes de la côte du lac Tanganyika, environ 1850 km de long, pourrait être plus utile pour des activités de terrain et pour se localiser et naviguer plus facilement que d'emporter des dizaines de cartes géographiques chères et gênantes.

Ainsi, on a fait de notre mieux pour produire un guide de terrain avec des photocopies de la côte complète du lac Tanganyika provenant des cartes géographiques disponible au Centre de Documentation RLT.

Ce guide de terrain est le premier à être publié par le Projet dans une nouvelle série de publications intitulée manuels et guides de terrain (GCP/RAF/271/FIN-FM). Des manuels de formation et d'autres seront publiés dans cette série et auront une couverture blue (contrairement aux couvertures blanches des Documents Techniques (TD) de RLT).

2. METHODOLOGY

Photocopies (format A4) des sections côtières ont été faites à l'aide de cartes détaillées (échelle 1:50.000) pour Burundi, Tanzanie et Zambie. Pour le Zaïre, seulement des vieilles cartes (1:200.000) étaient disponibles (voir Annexe 1).

3. Presentation of the Maps

The shoreline maps of the four riparian countries of Lake Tanganyika are presented as follows:

- Part I: Burundi, from north (border with Zaïre) to south (border with Tanzania);
- Part II: Tanzania, from north (border with Burundi) to south (border with Zambia);
- Part III: Zambia, from border with Tanzania to border with Zaïre; and
- Part IV: Zaïre, from border with Zambia northwards to border with Burundi

3. PRESENTATION DES CARTES

Les cartes géographiques de la côte pour les quatre pays riverains du lac Tanganyika sont présentées comme suit:

- Partie I: Burundi, du nord (frontière avec Zaïre) vers le sud (frontière avec Tanzanie);
- Partie II: Tanzanie, du nord (frontière avec Burundi) vers le sud (Frontière avec Zambie);
- Partie III: Zambie, de la frontière avec Tanzanie jusqu'à la frontière avec Zaïre; et
- Partie IV: Zaïre, de la frontière avec Zambie vers le nord jusqu'à la frontière avec Burundi.

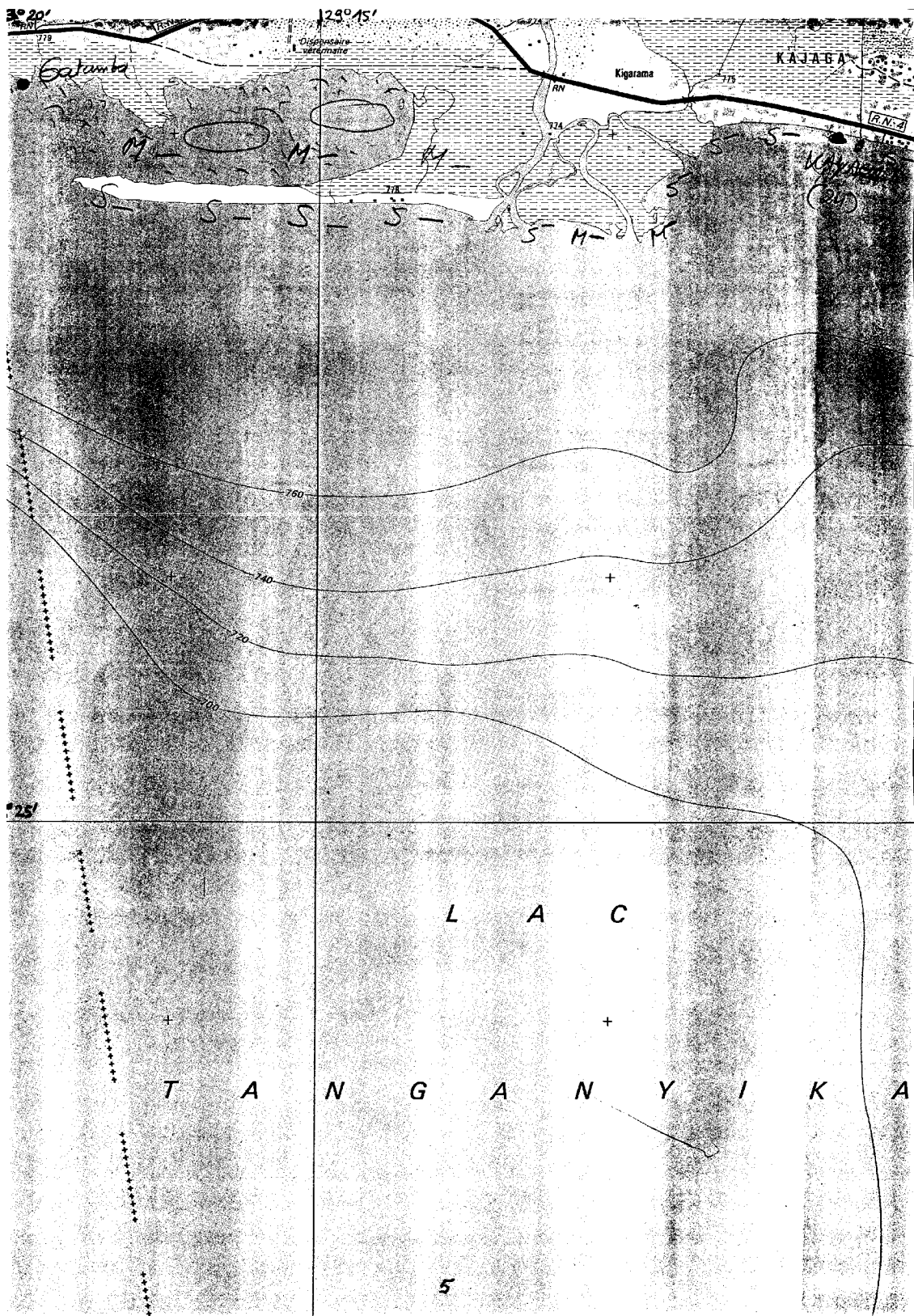
**Appendix 1 Characteristics of the maps used for the
 compilation of the Lake Tanganyika field guide.**

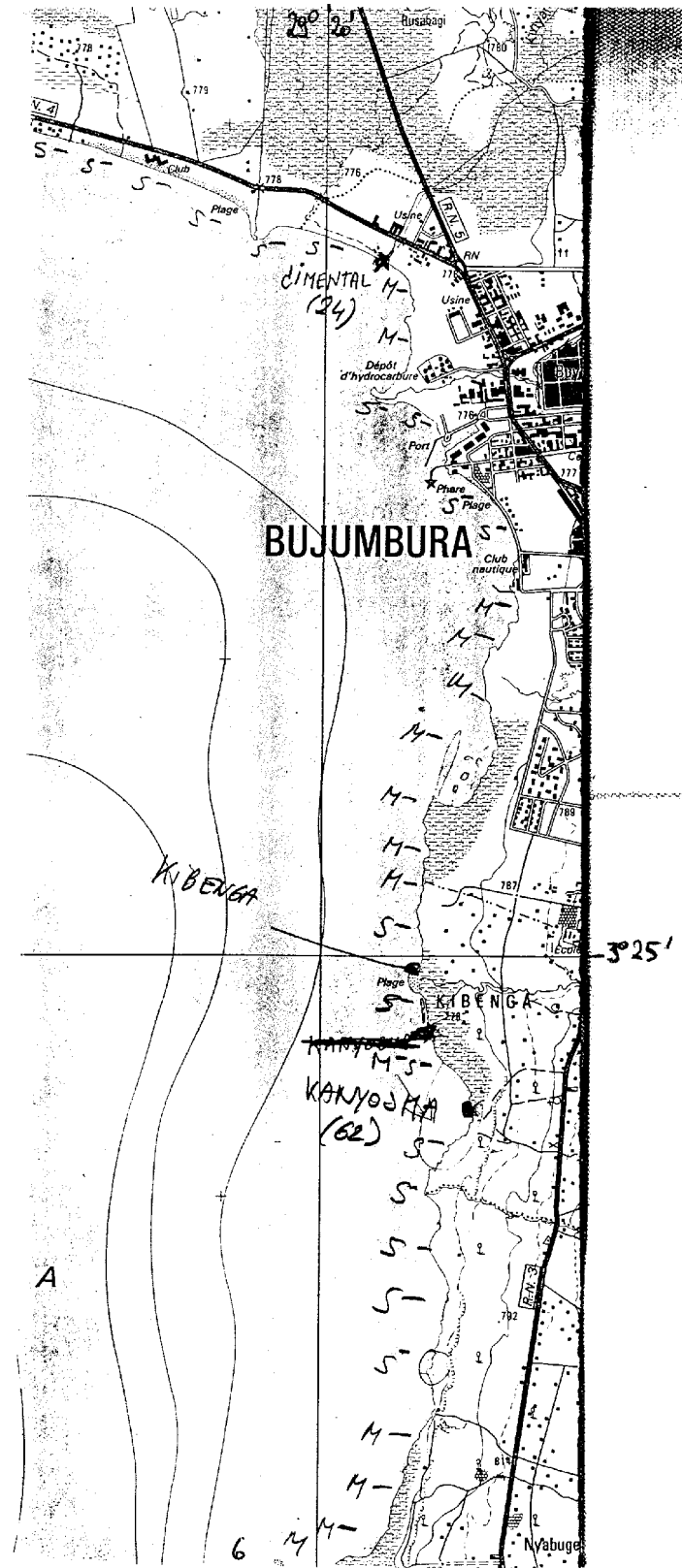
**Annexe 1 Caractéristiques des cartes utilisées pour la compi-
 lation du guide de terrain du lac Tanganyika.**

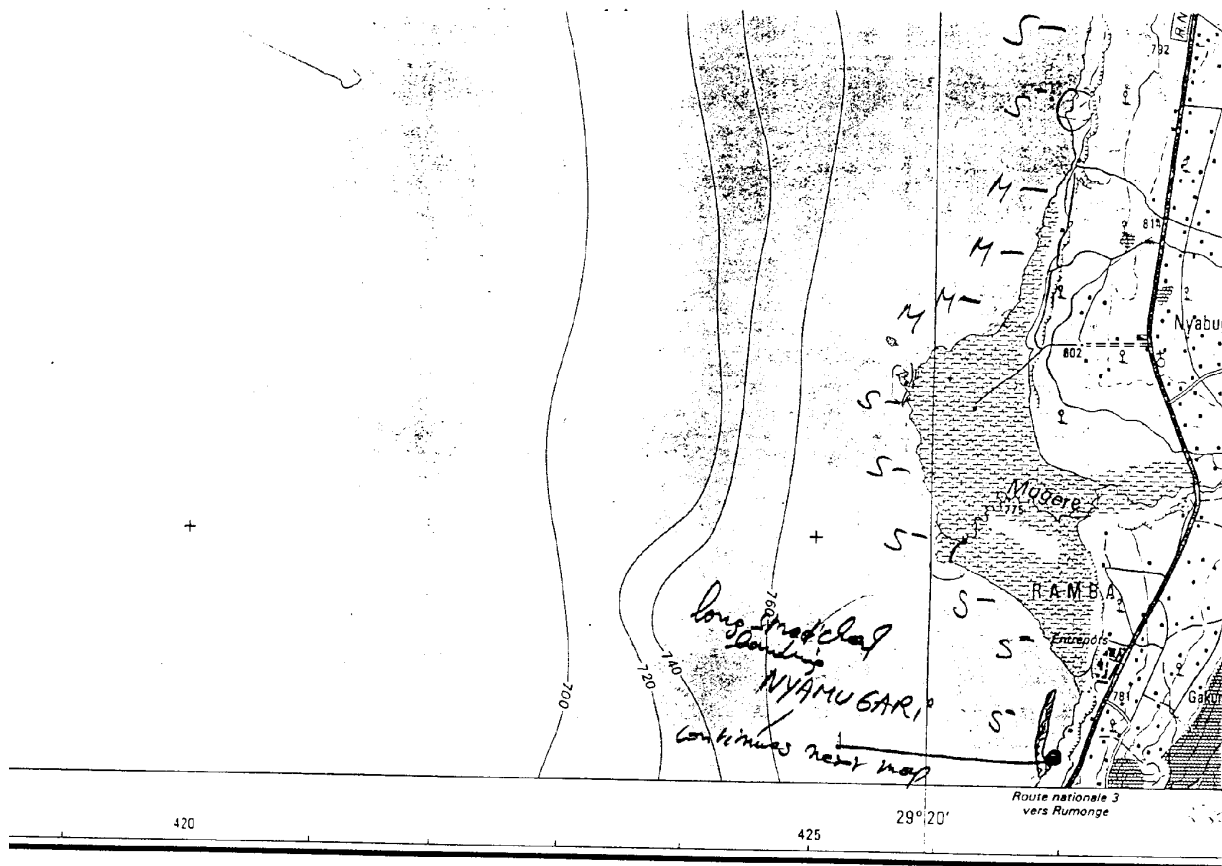
Country/Pays	Map characteristics/Cartes: caractéristiques
Burundi	Institut Géographique du Burundi (IGEBU), 1982-83, 1:50,000
Tanzania/ Tanzanie	Surveys and Mapping Division, Ministry of Lands, Housing and Urban Development, 1974-84, 1:50,000
Zambia/ Zambie	Surveyor-General, Ministry of Lands and Natural Resources, 1966-70, 1:50,000
Zaire/ Zaire	Institut Géographique du Congo Belge, 1957-58, 1:200,000

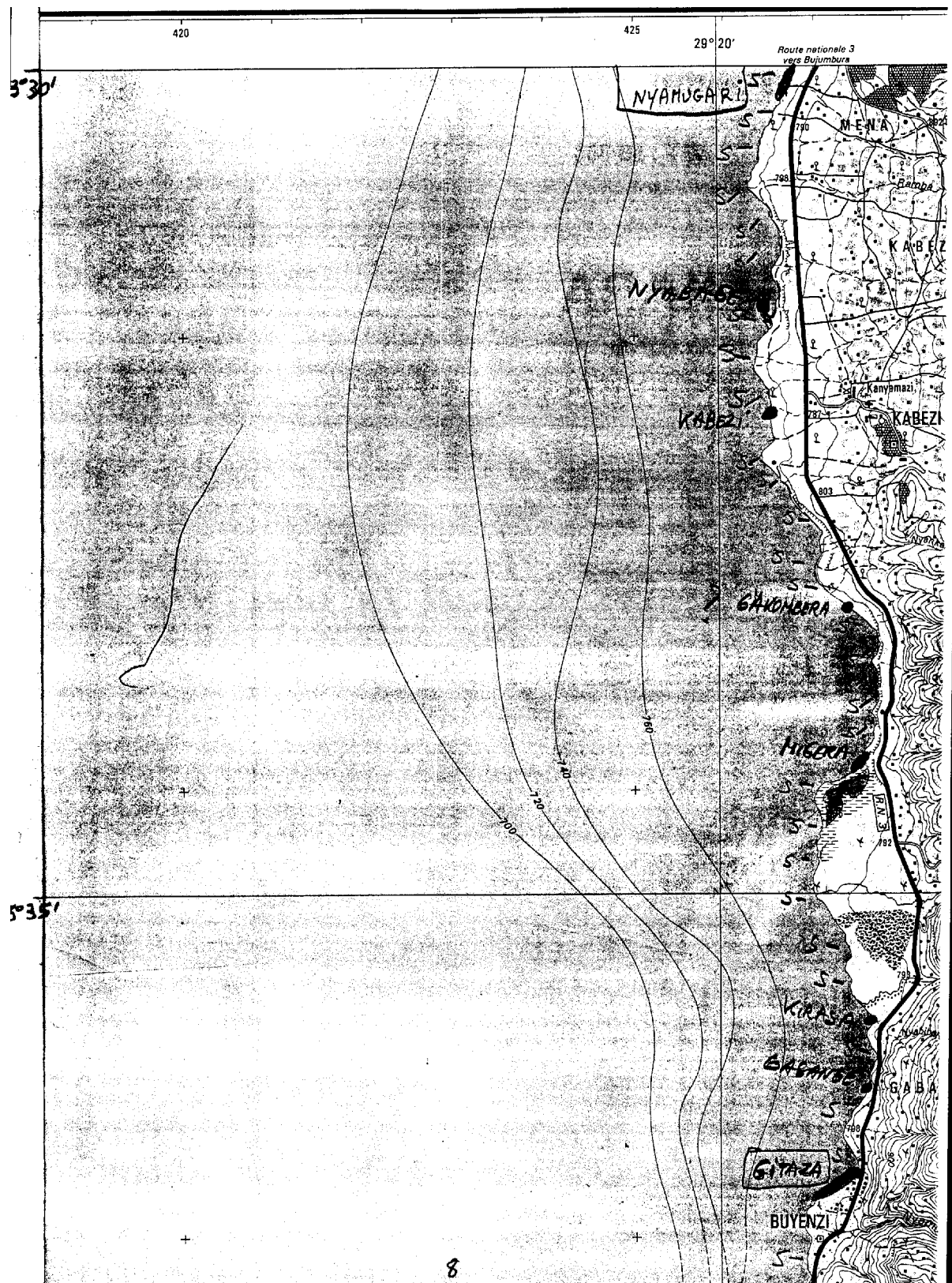
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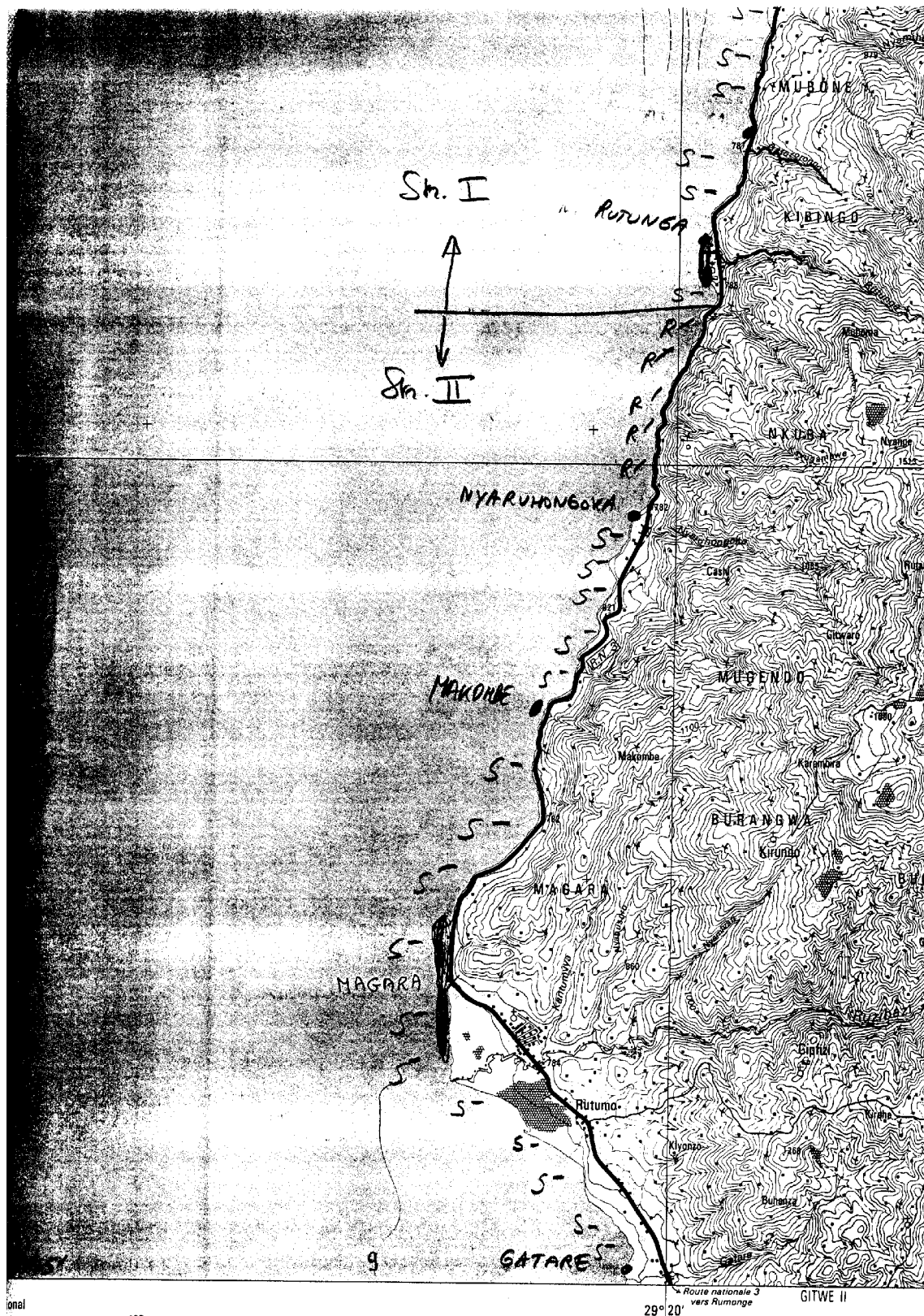
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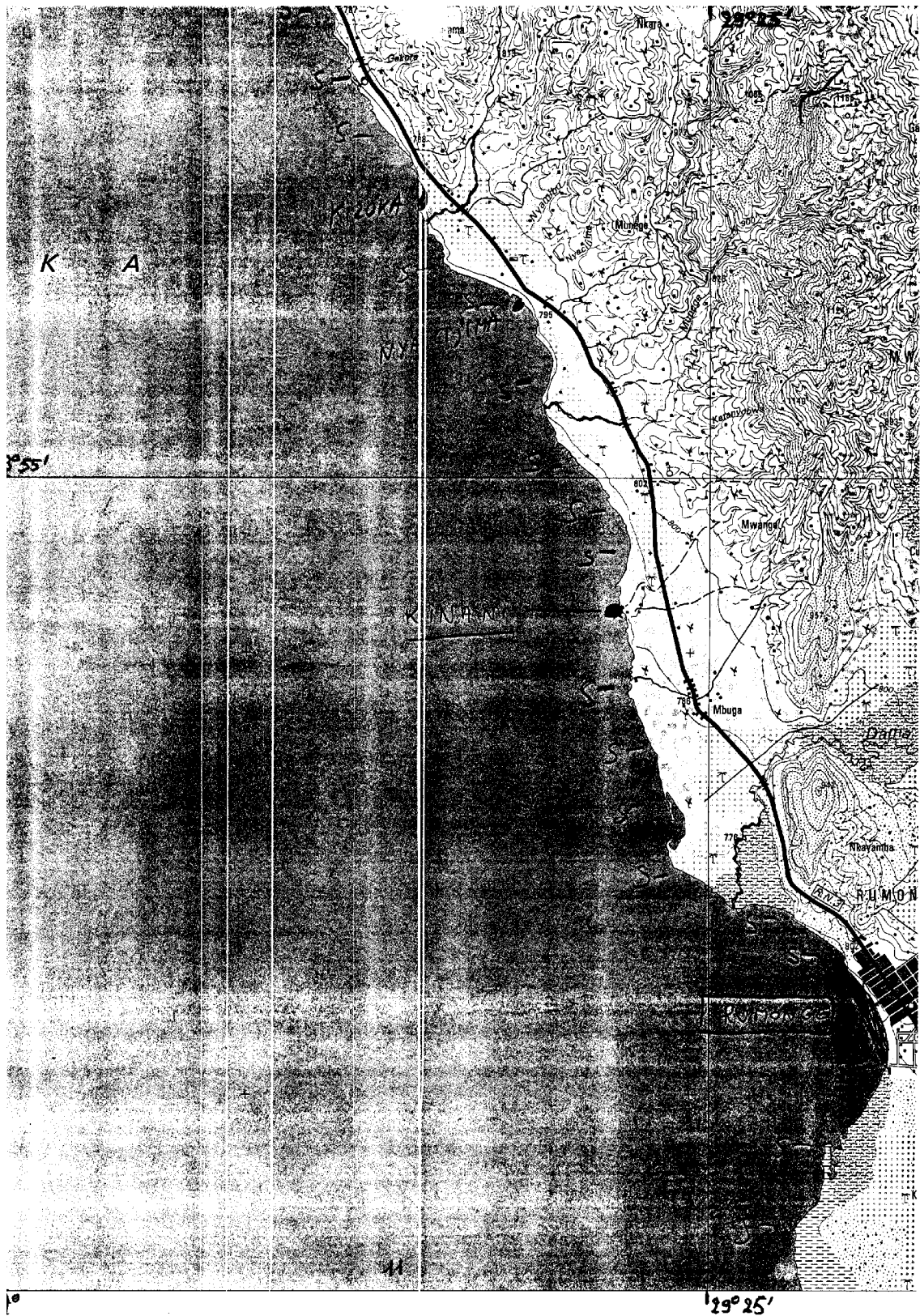


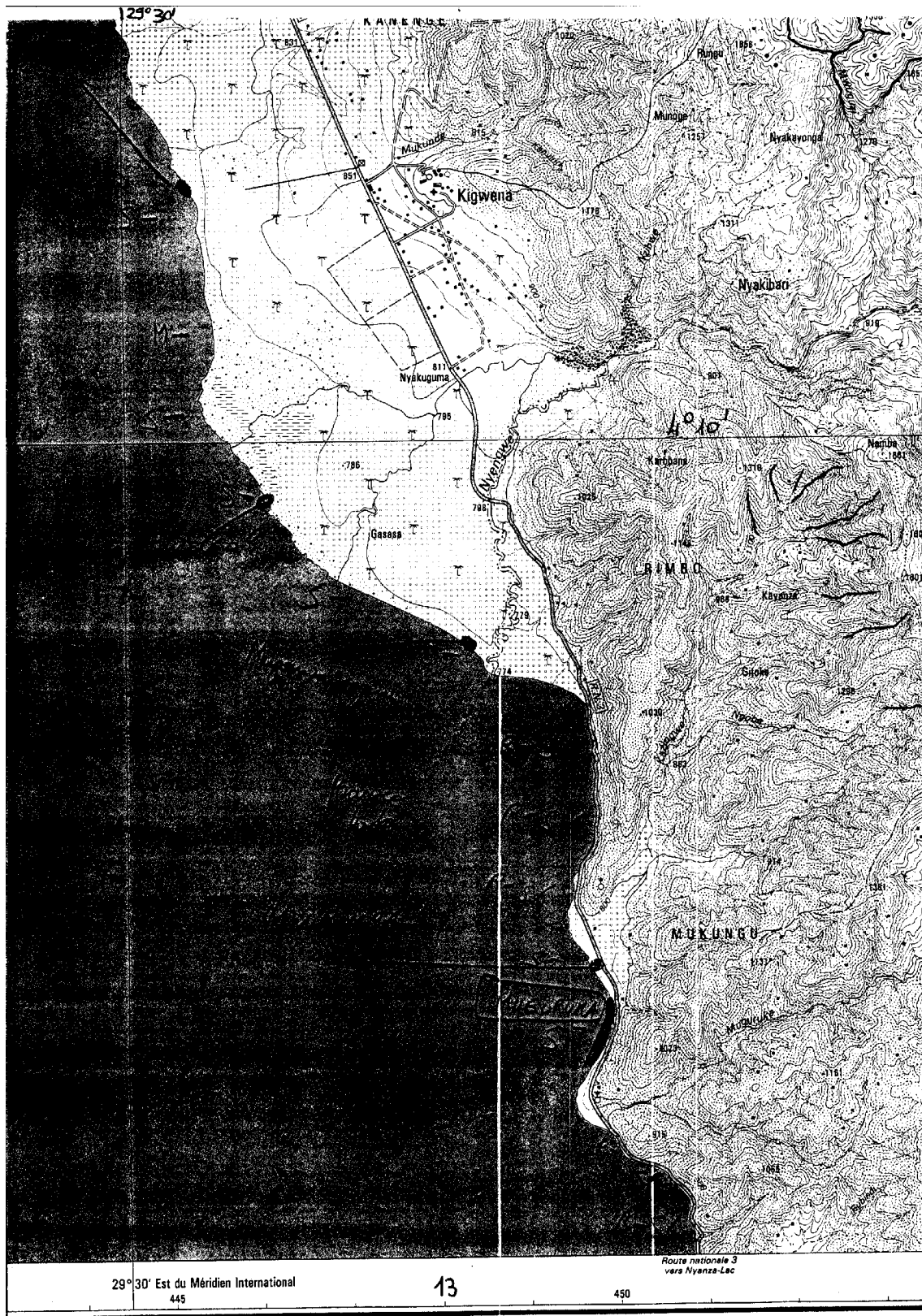


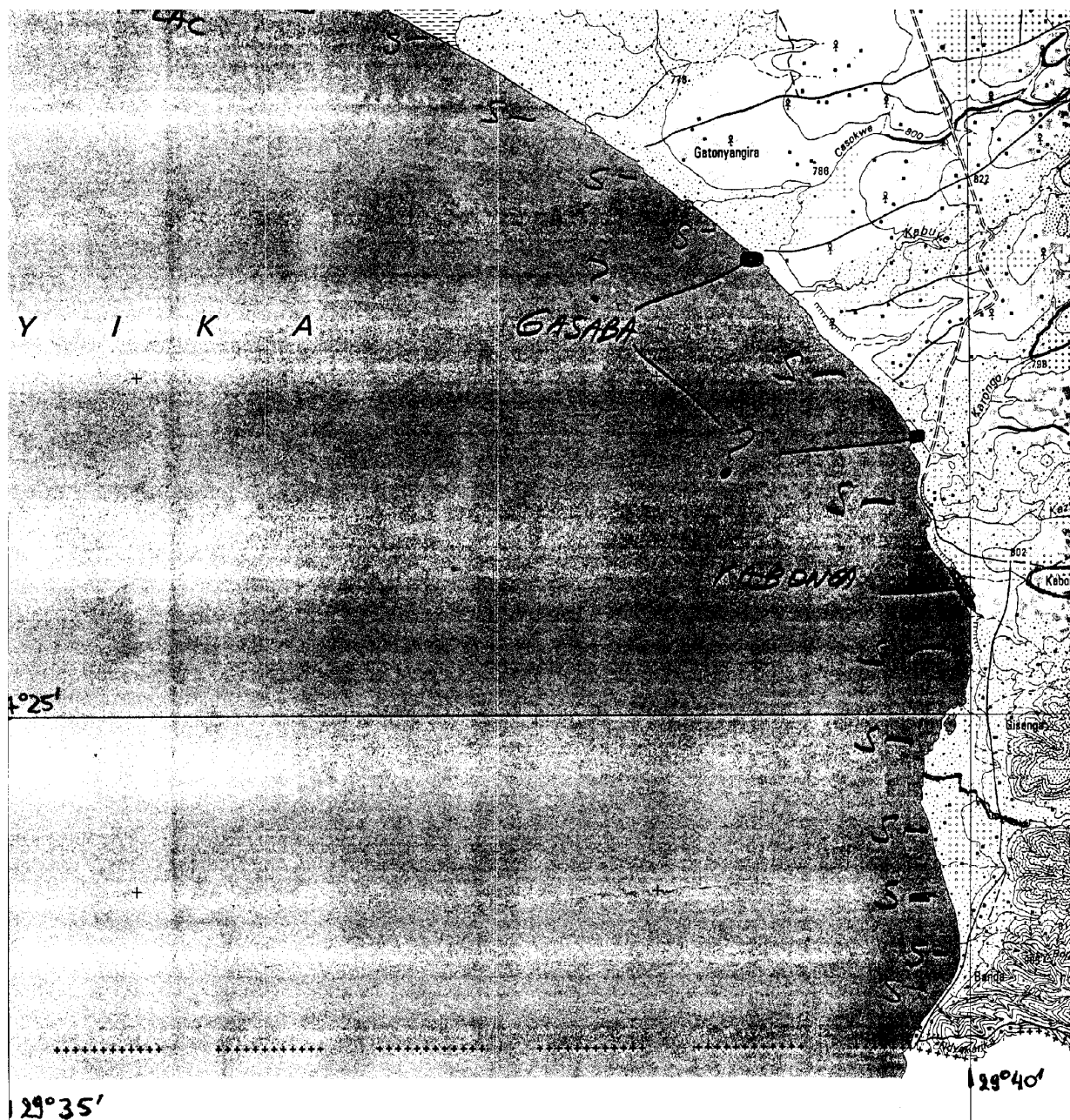






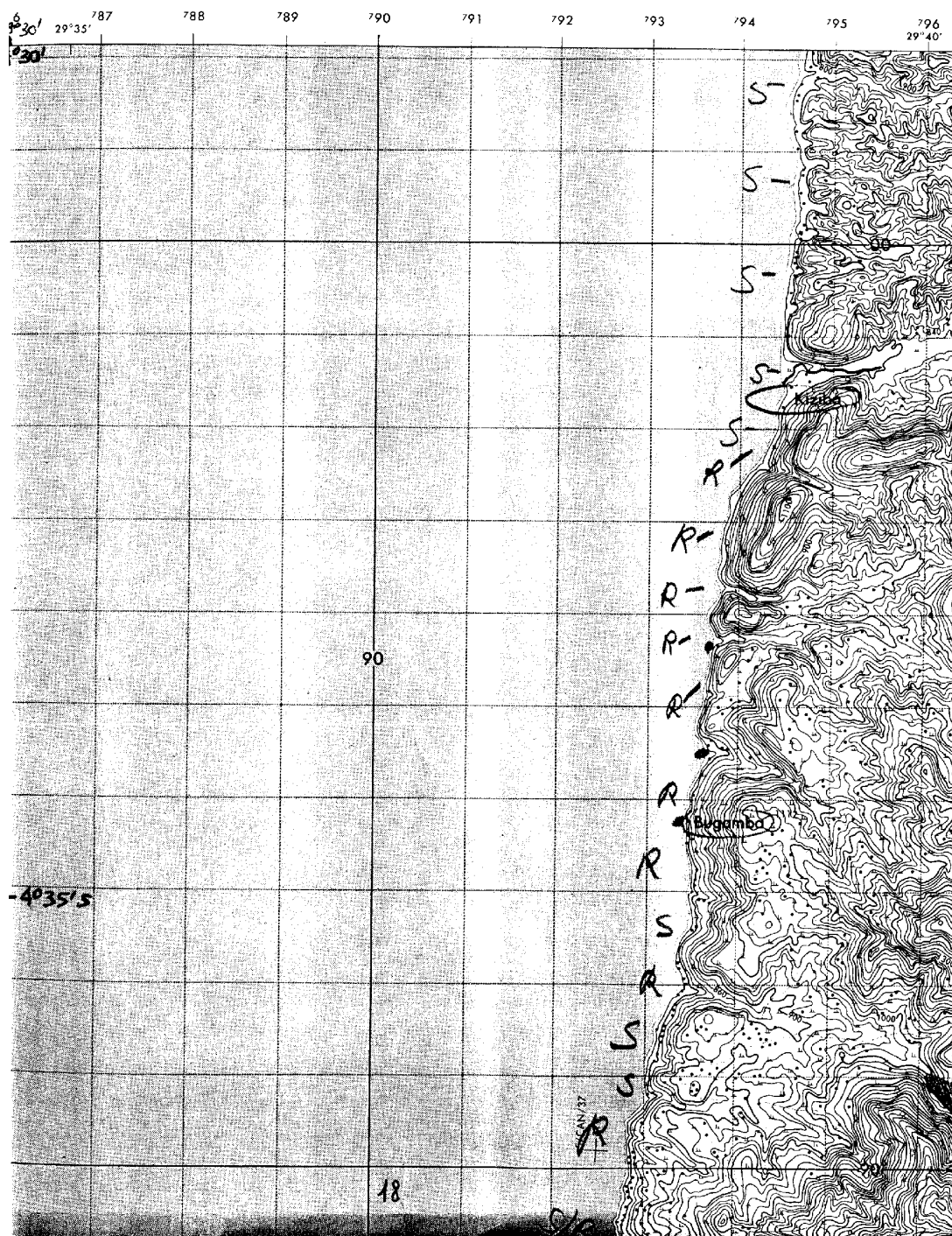


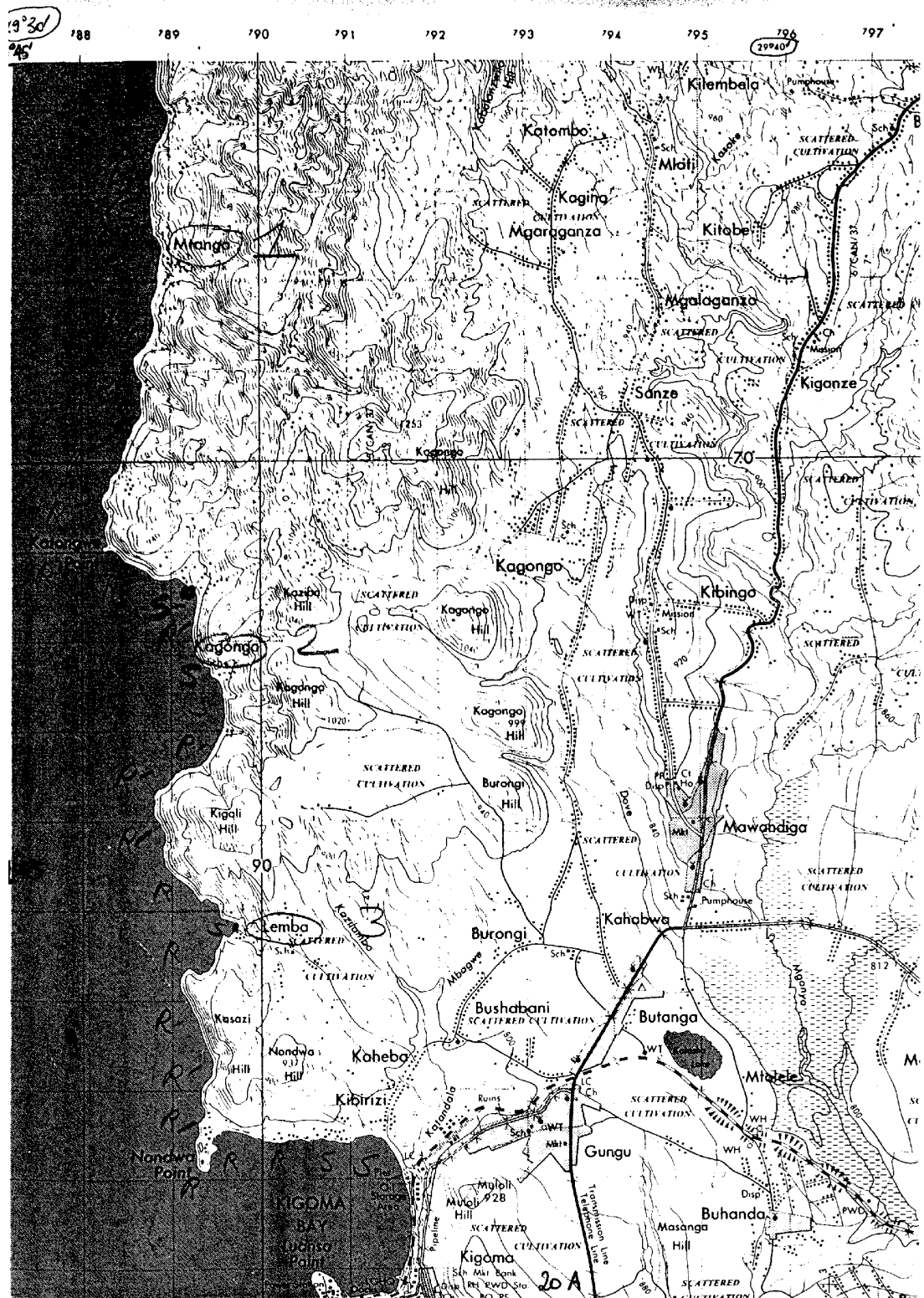


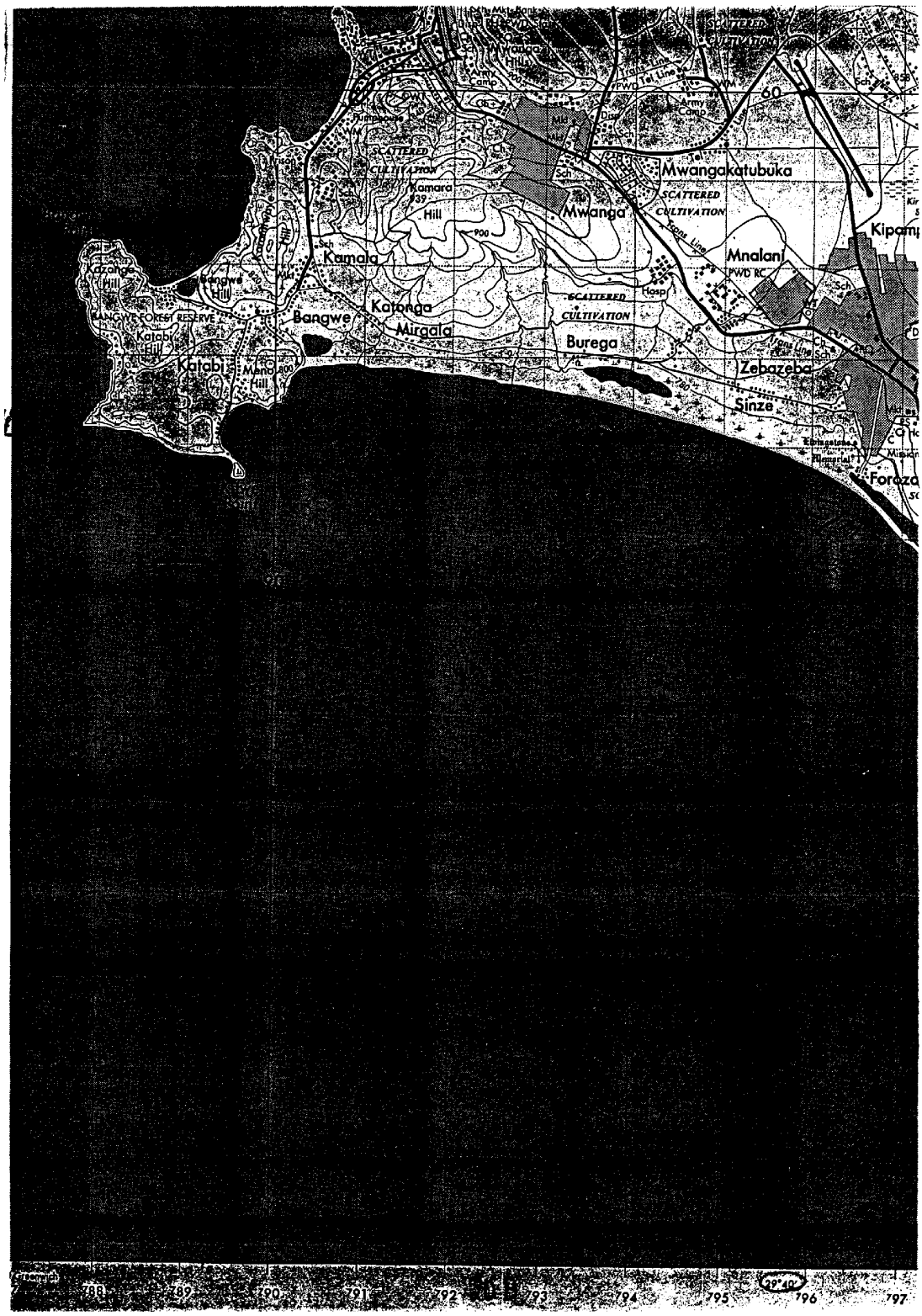


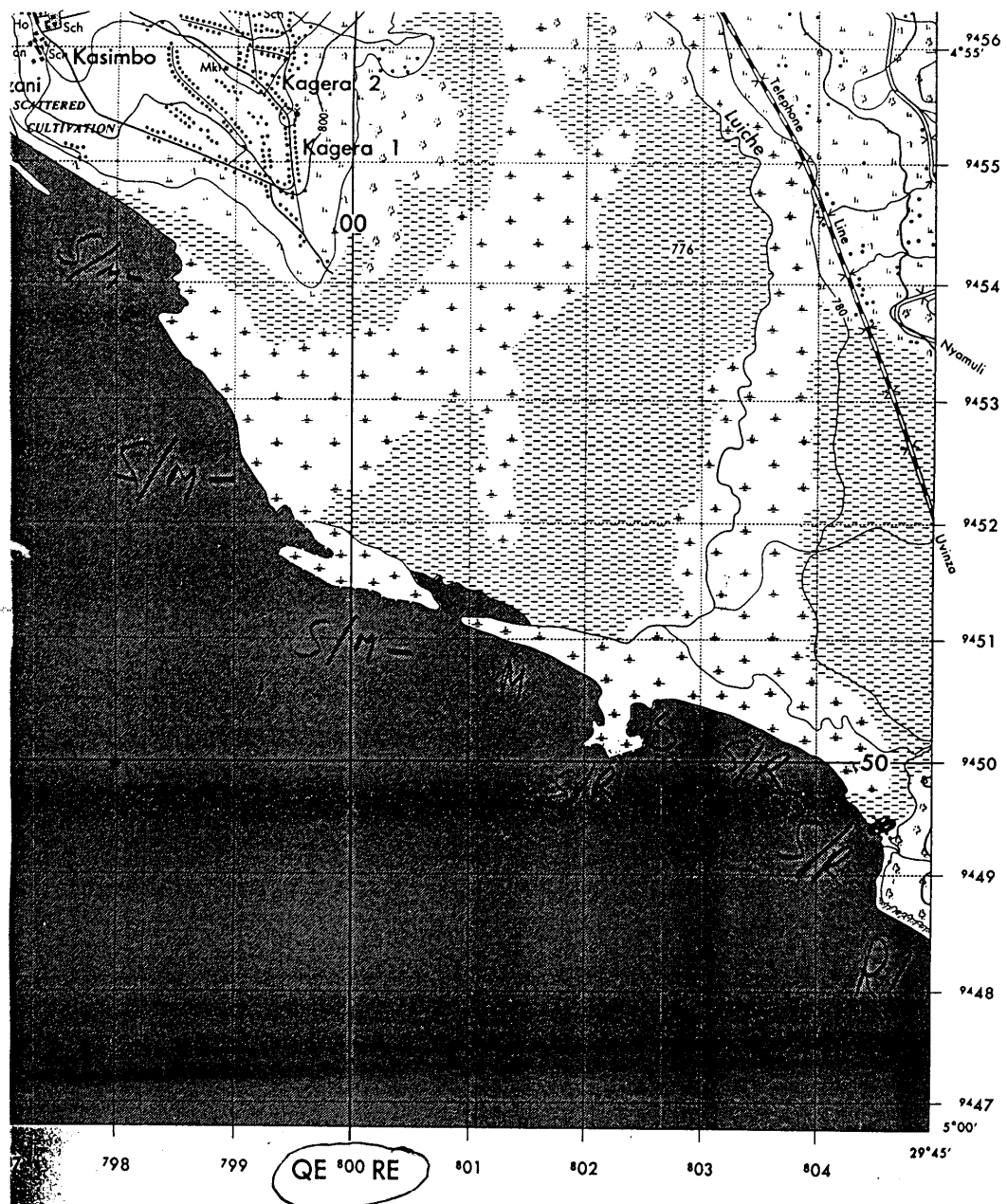
PART II : TANZANIA (1:50,000)
PARTIE II : TANZANIE (1:50.000)

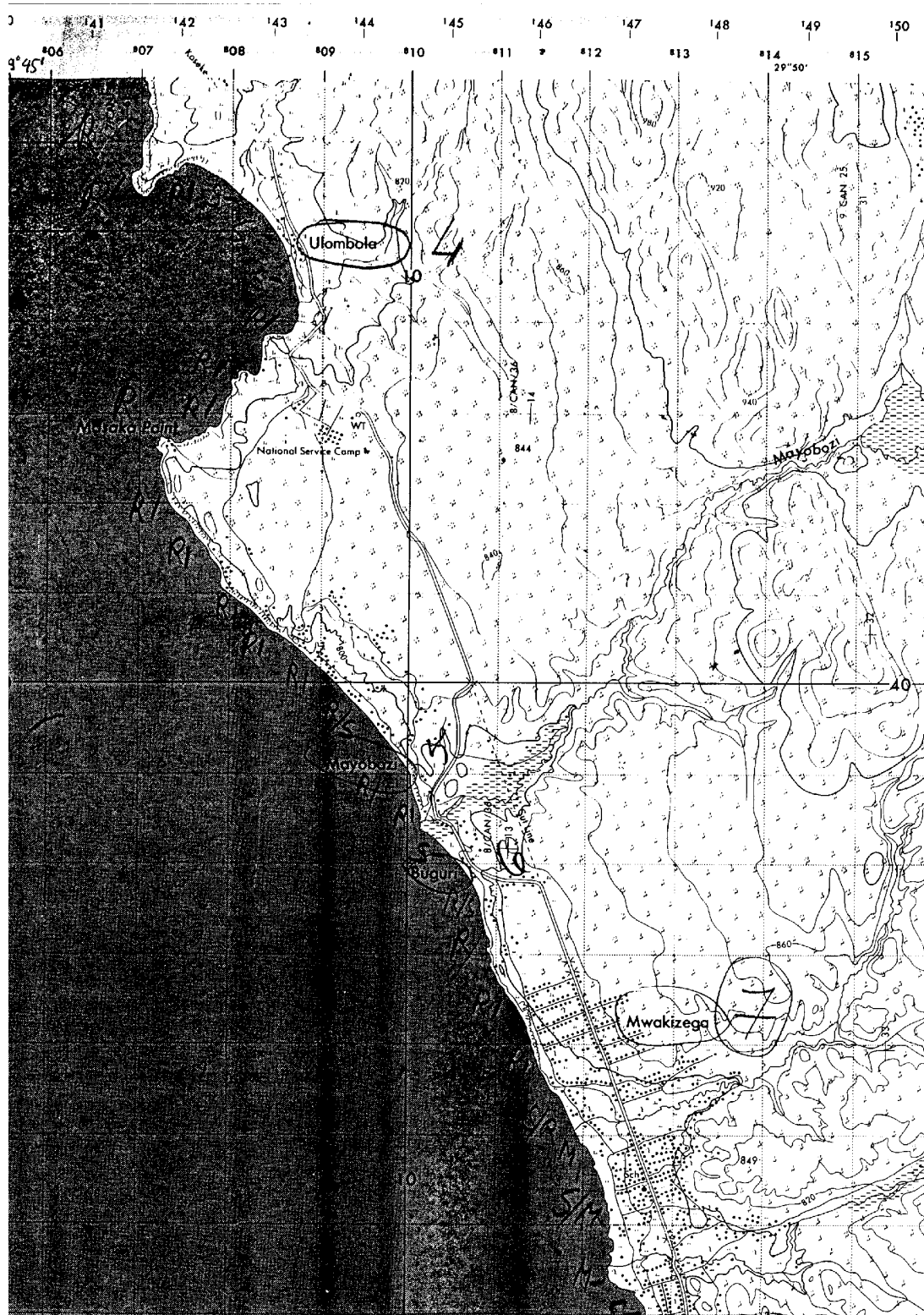
KALINZI

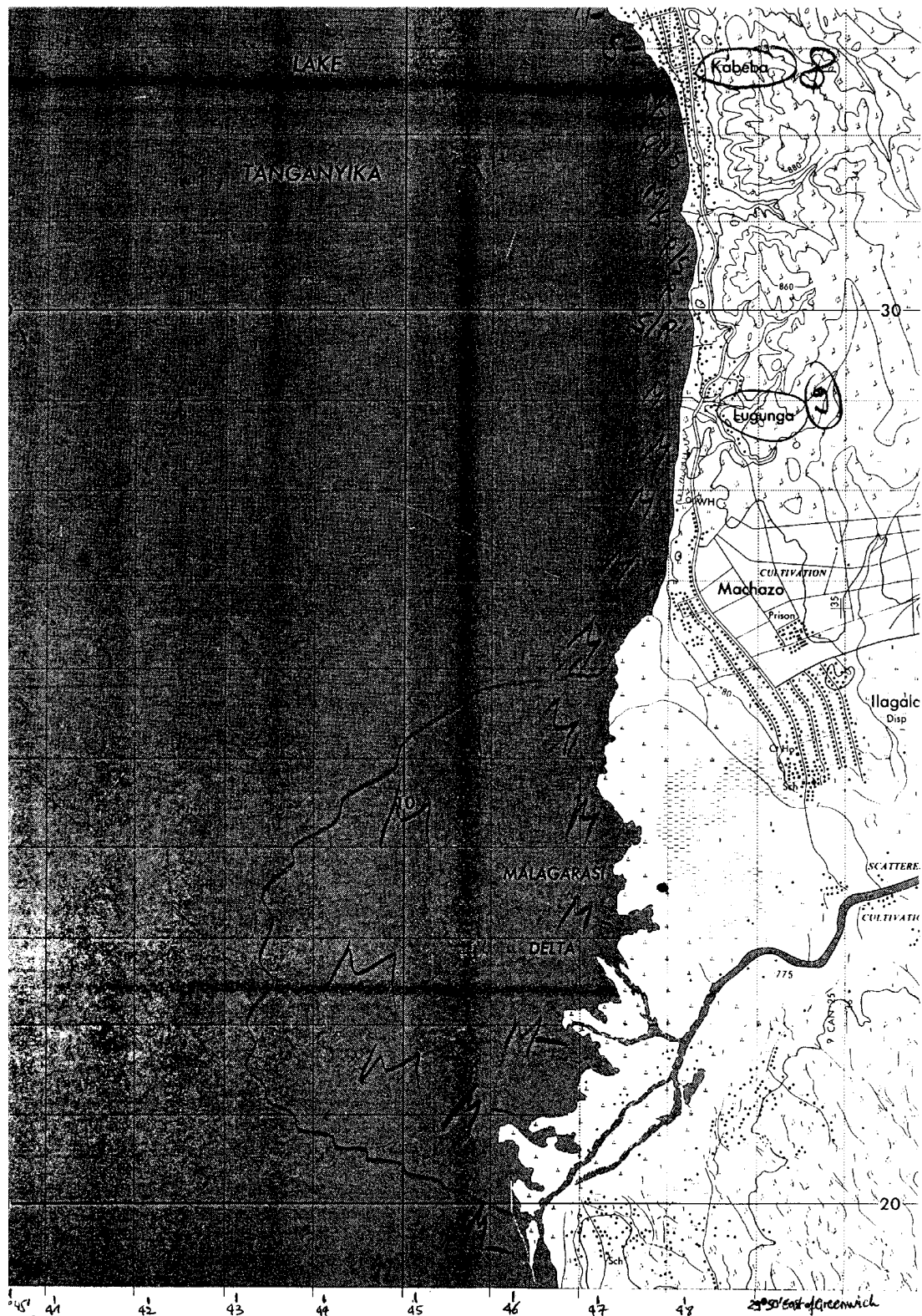


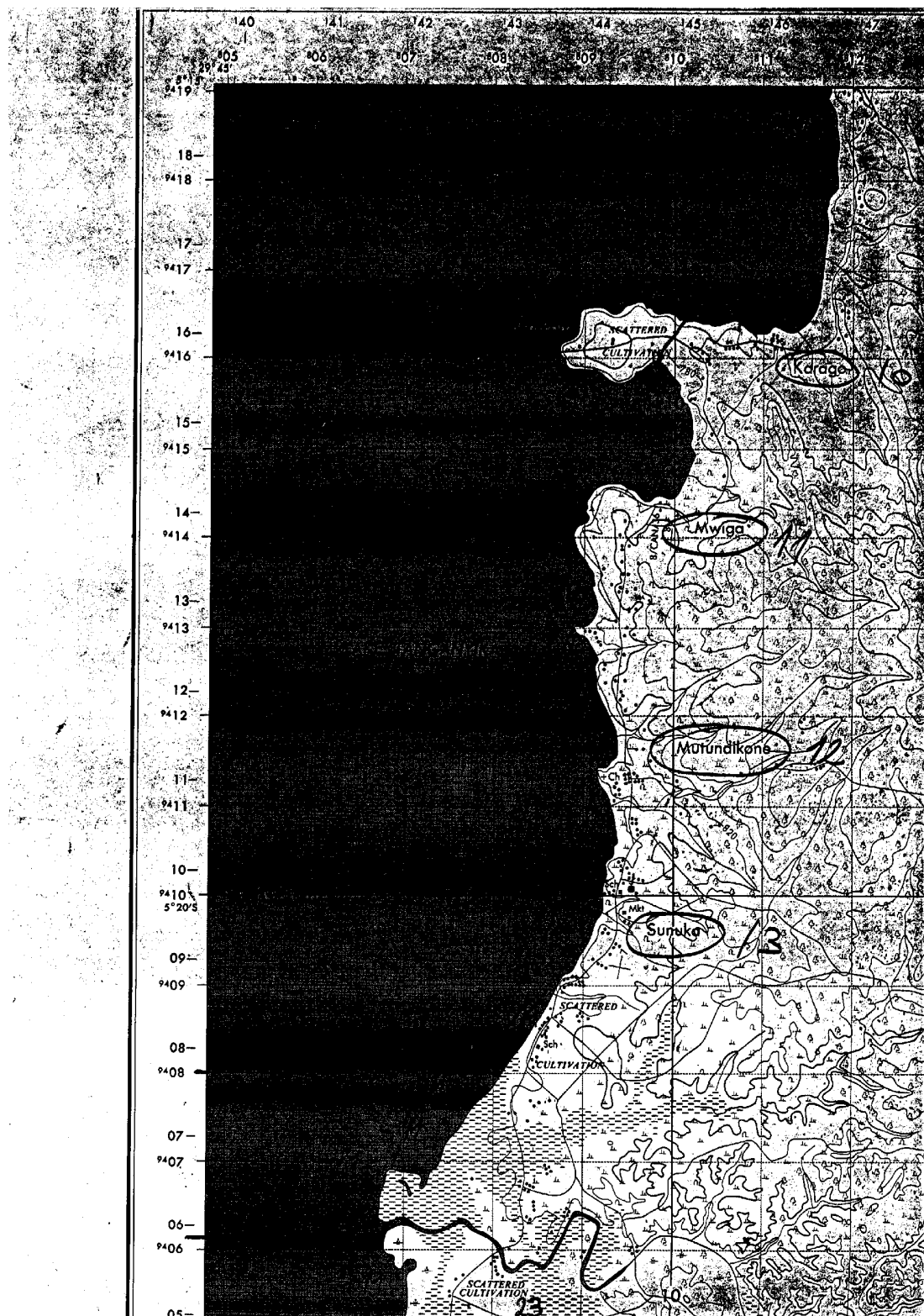


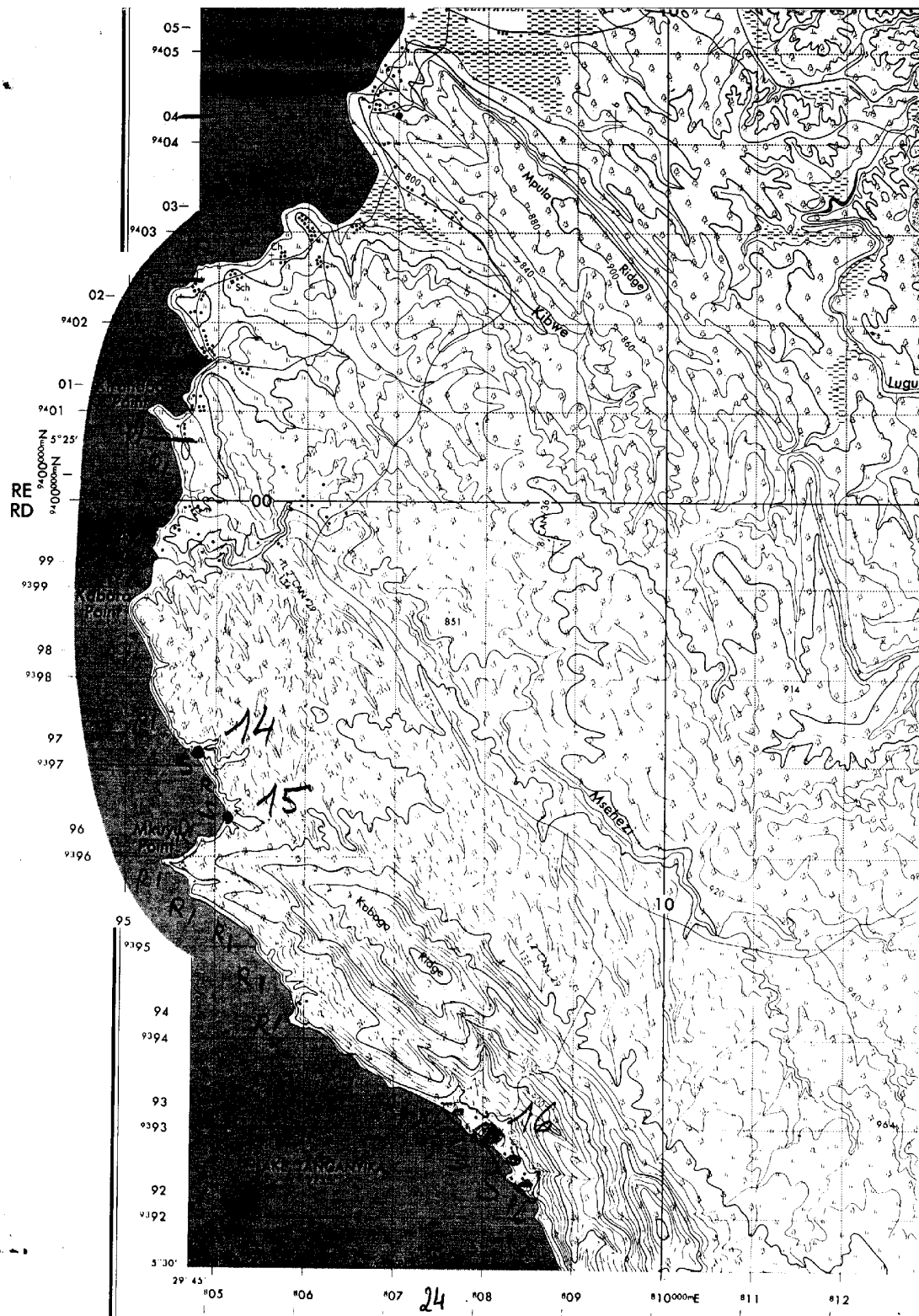


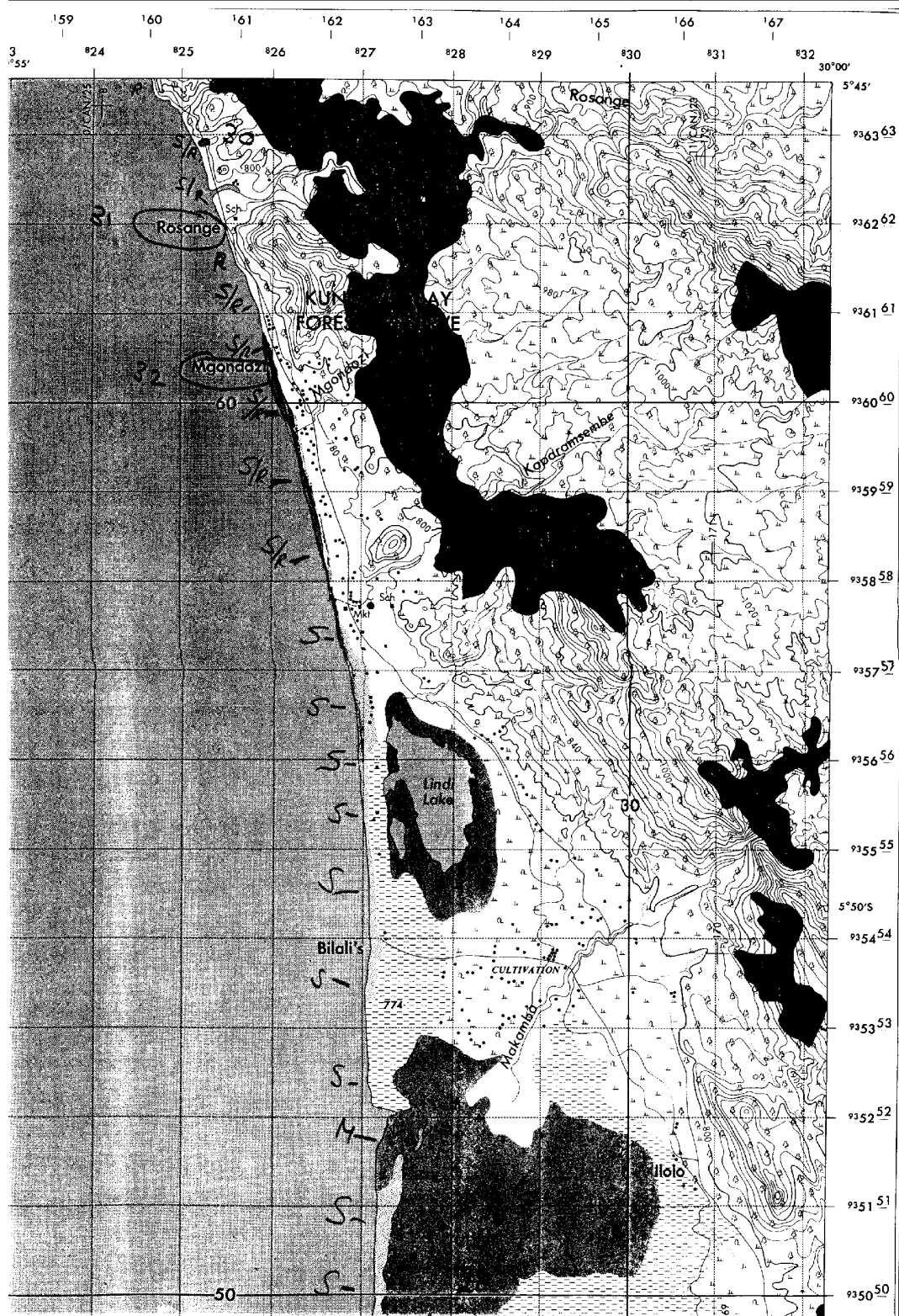


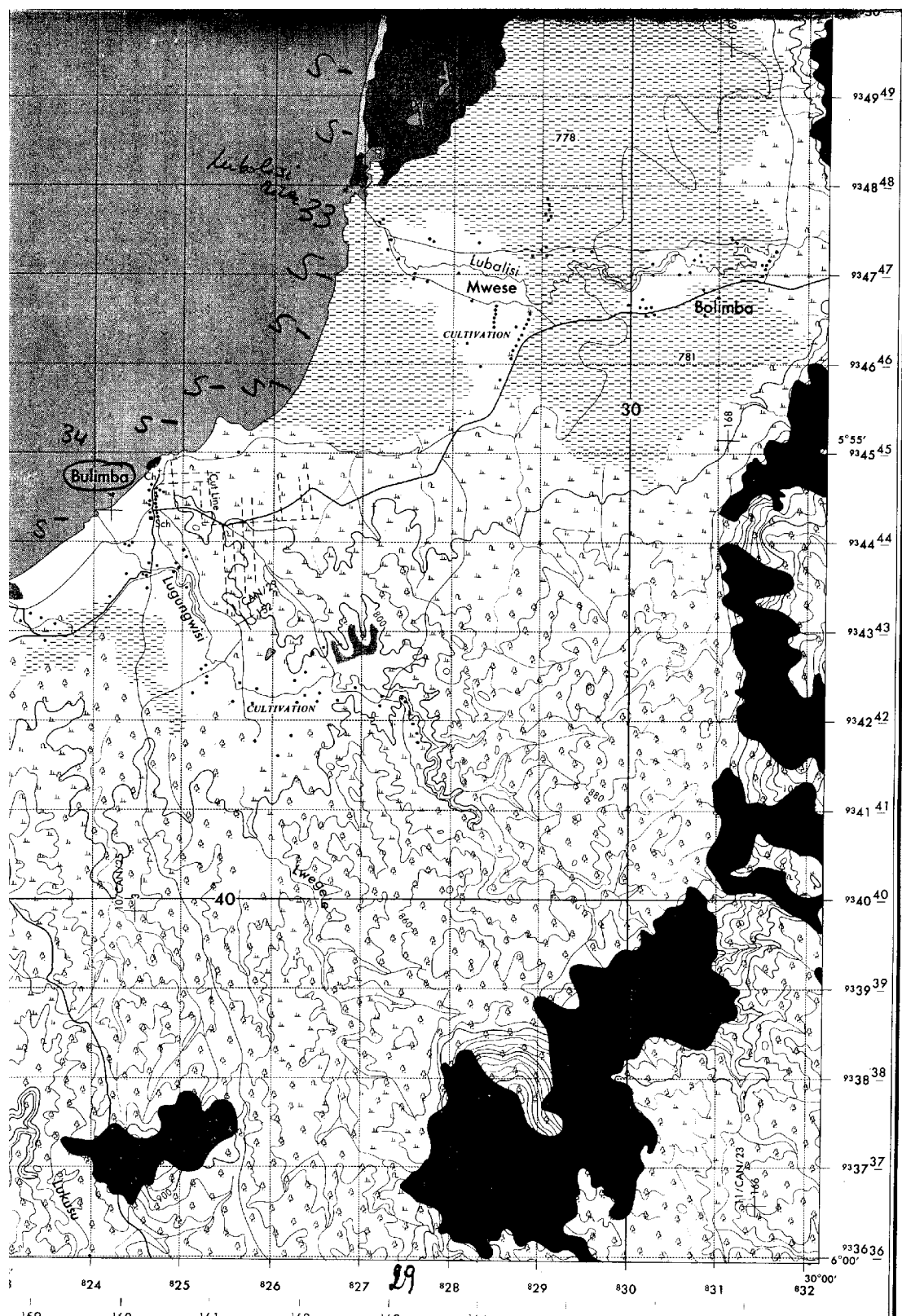


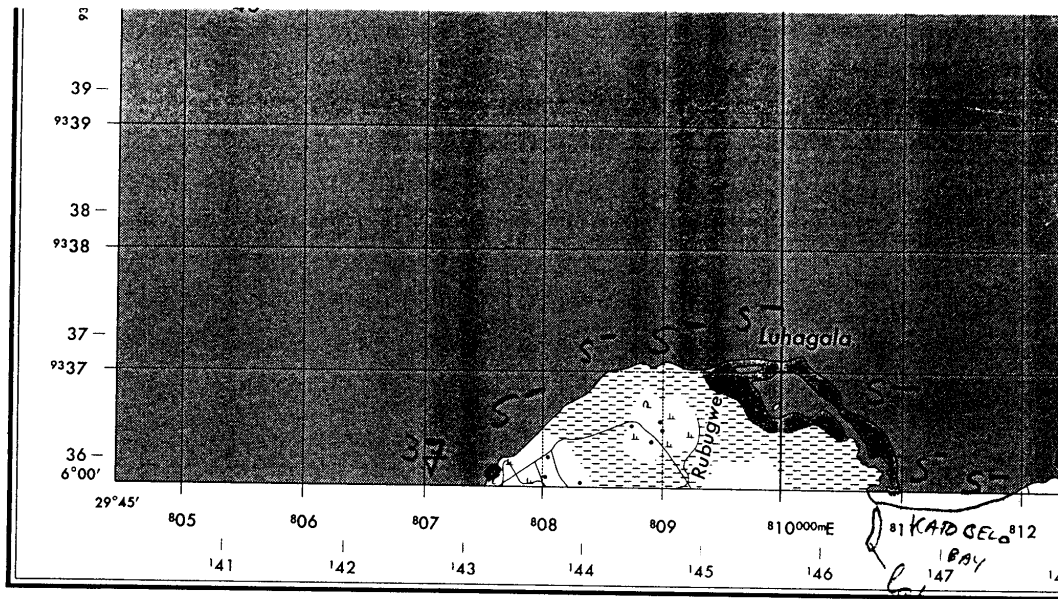




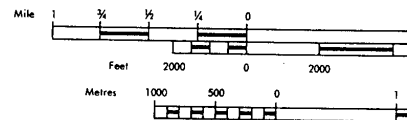








Series Y742
Edition 1-TSD
Published by the Surveys and Mapping Division
Ministry of Lands, Housing and Urban Development.
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ADMINISTRATIVE DIVISIONS

KIGOMA REGION

KIGOMA DISTRICT

Information from 1:1m. Tanzania 1976

CONSTRUCTION

AIR PHOTOGRAPHY

JUNE 1974

INDEX TO ADJOINING SHEETS		
	131/2 HALEMBE	132/1 MKUYU
	131/4 MGAMBO	132/3 LUBALISI
	150/2	151/1

SHEET HISTORY

PREPARED JOINTLY BY THE
GOVERNMENT OF THE UNITED REPUBLIC OF TANZANIA
AND THE CANADIAN INTERNATIONAL DEVELOPMENT AGENCY
UNDER THE

Built-up Areas.....

Villages.....

Houses

All Weather Roads:

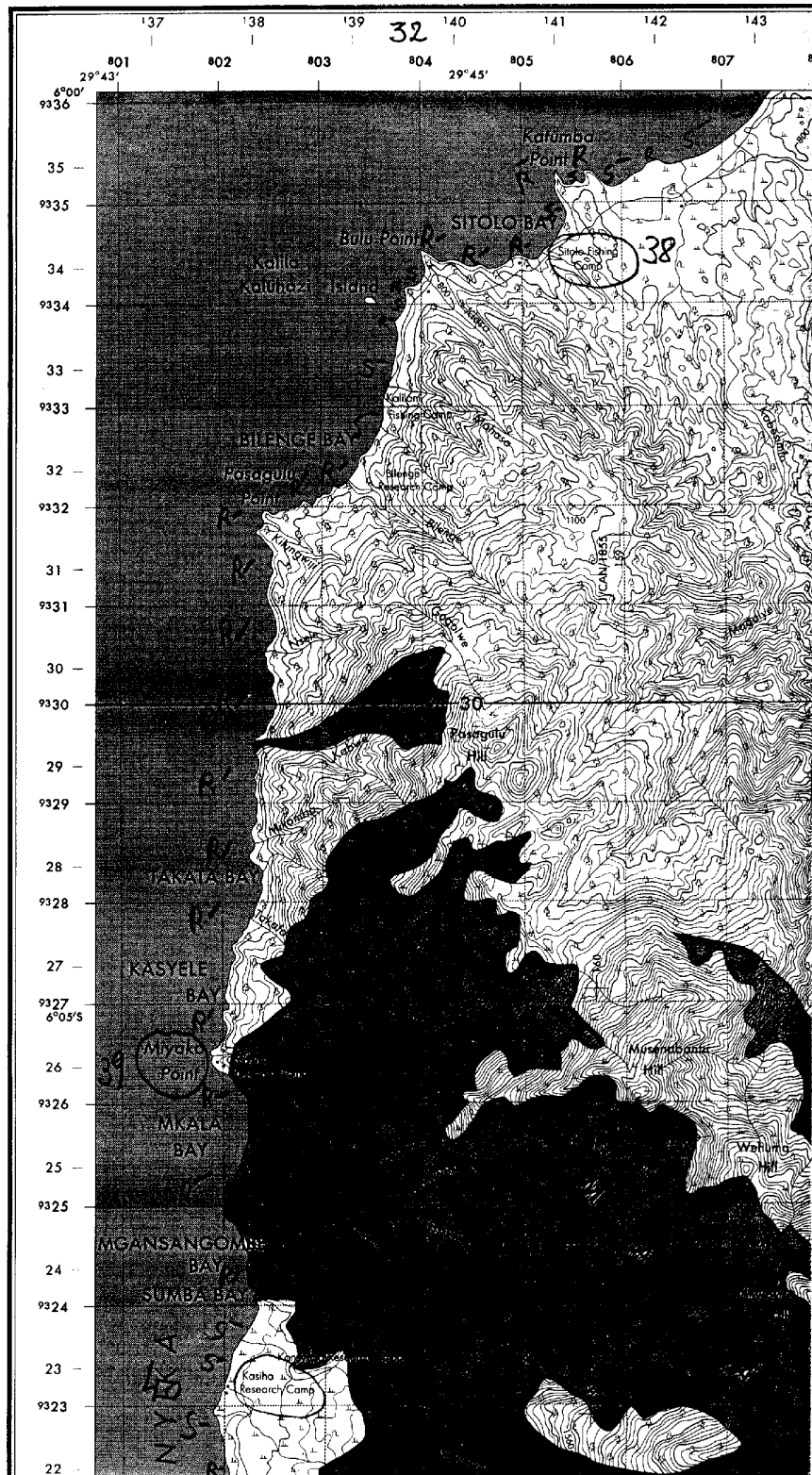
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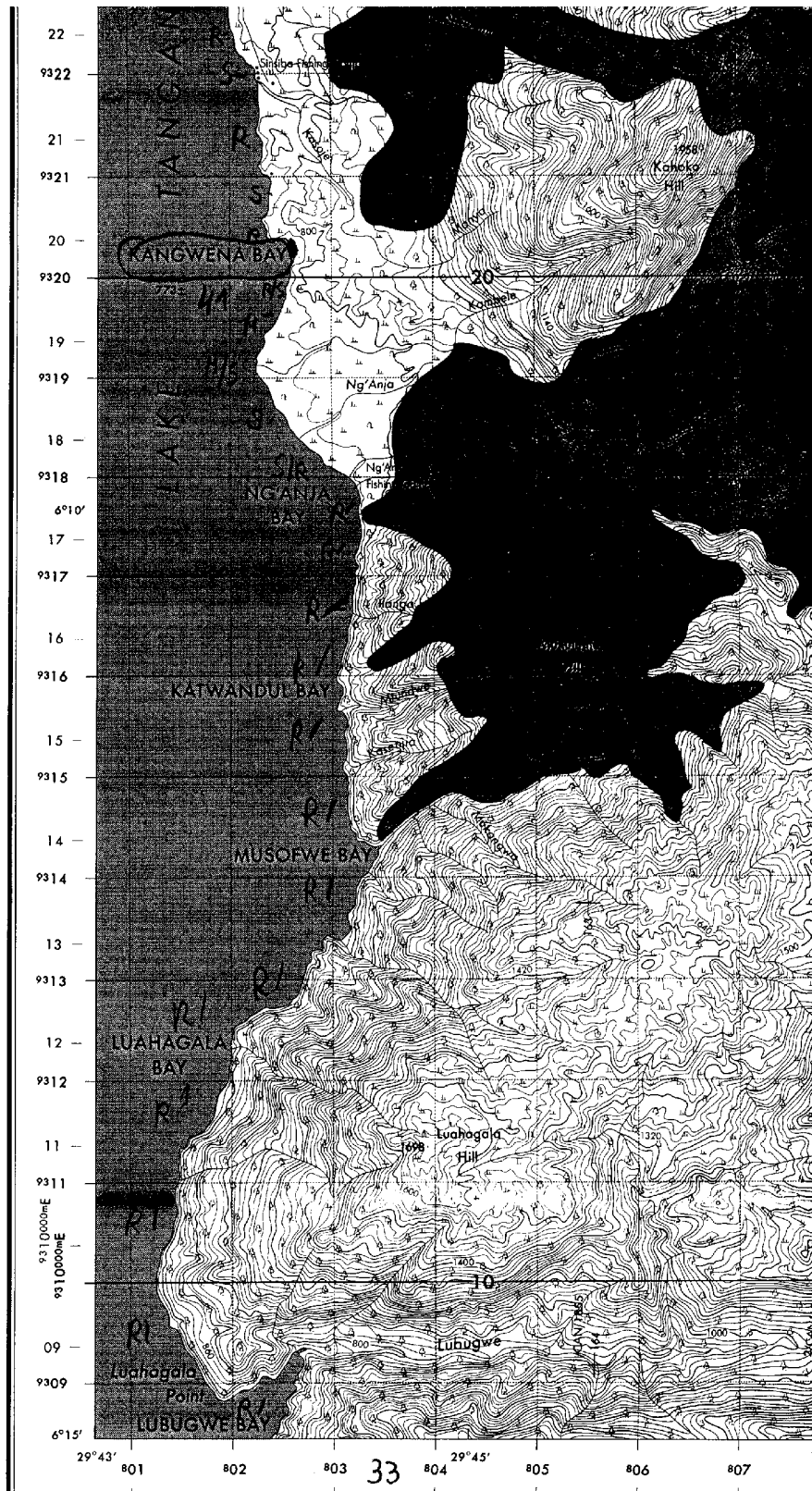
Dry Weather Roads.

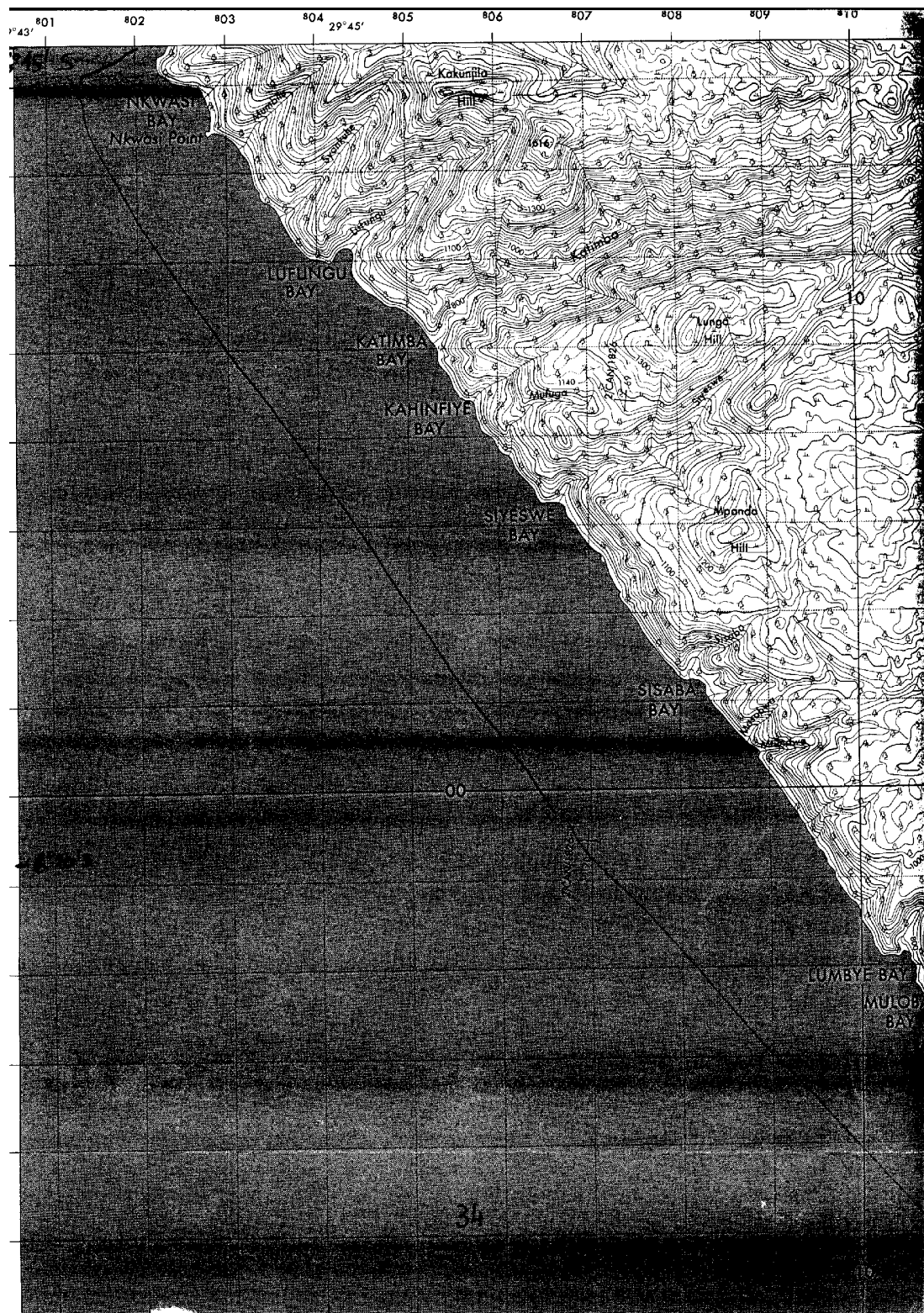
Main Tracks (Motora

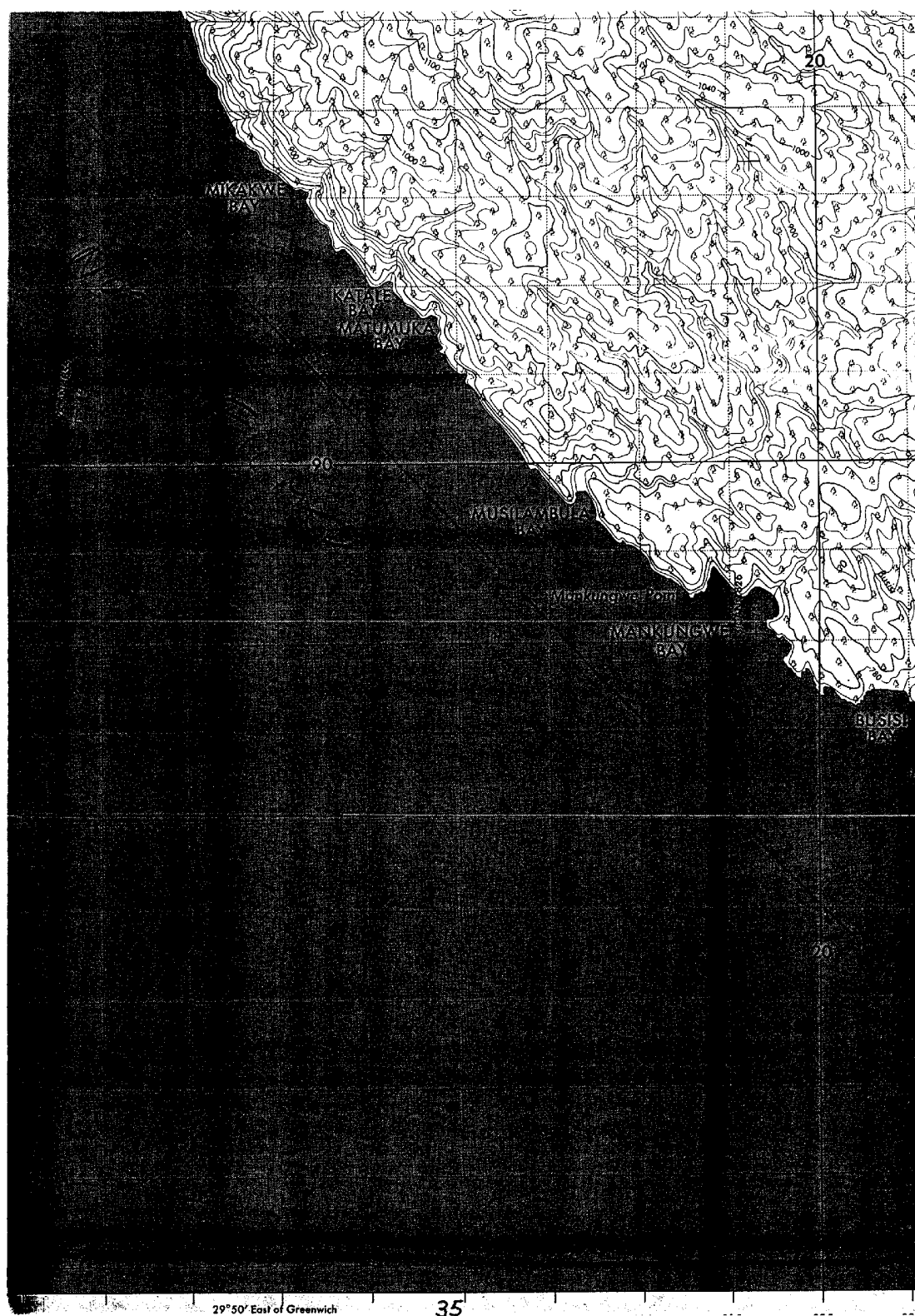
Other Tracks and Fo

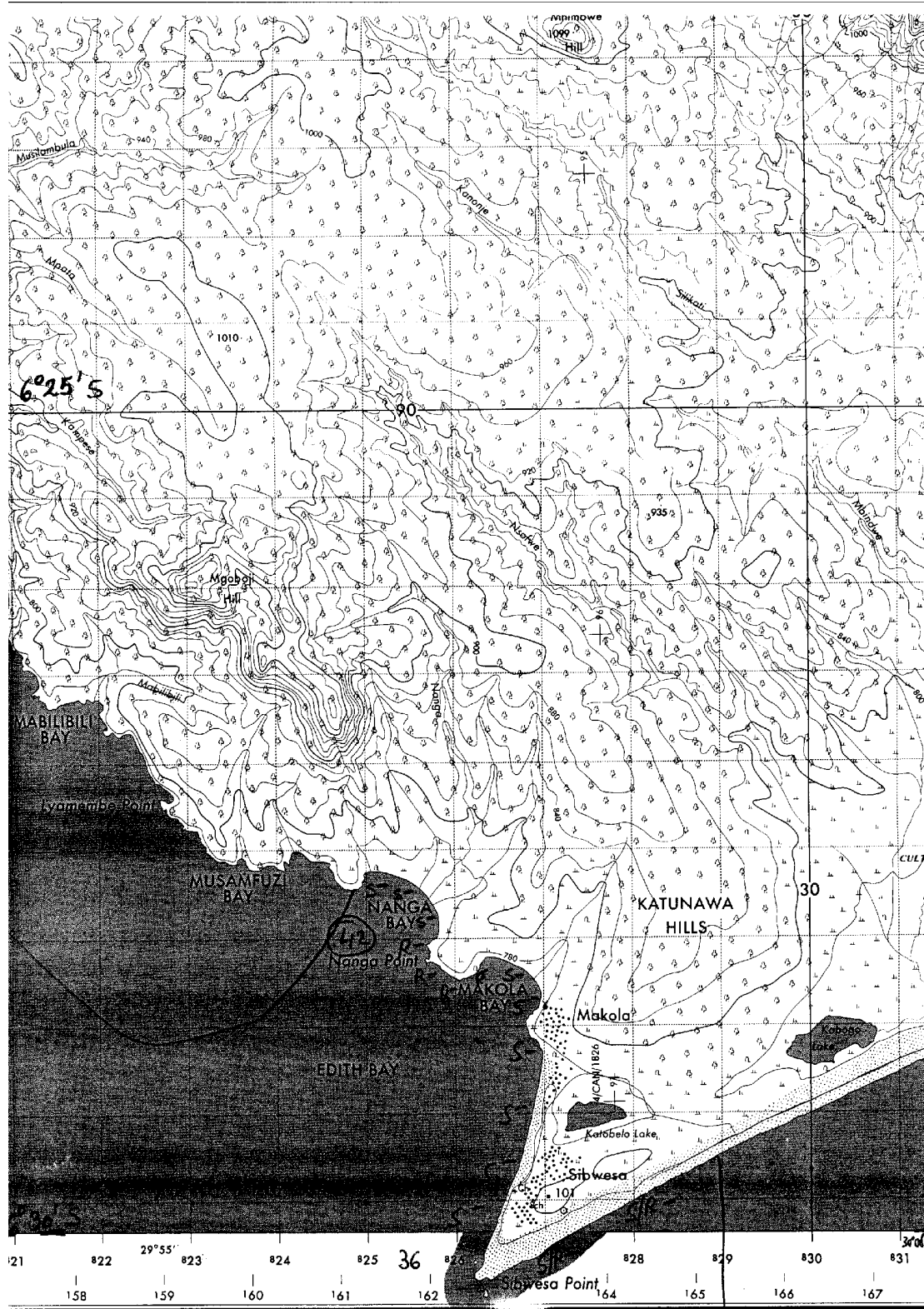
Railways, Station, Si

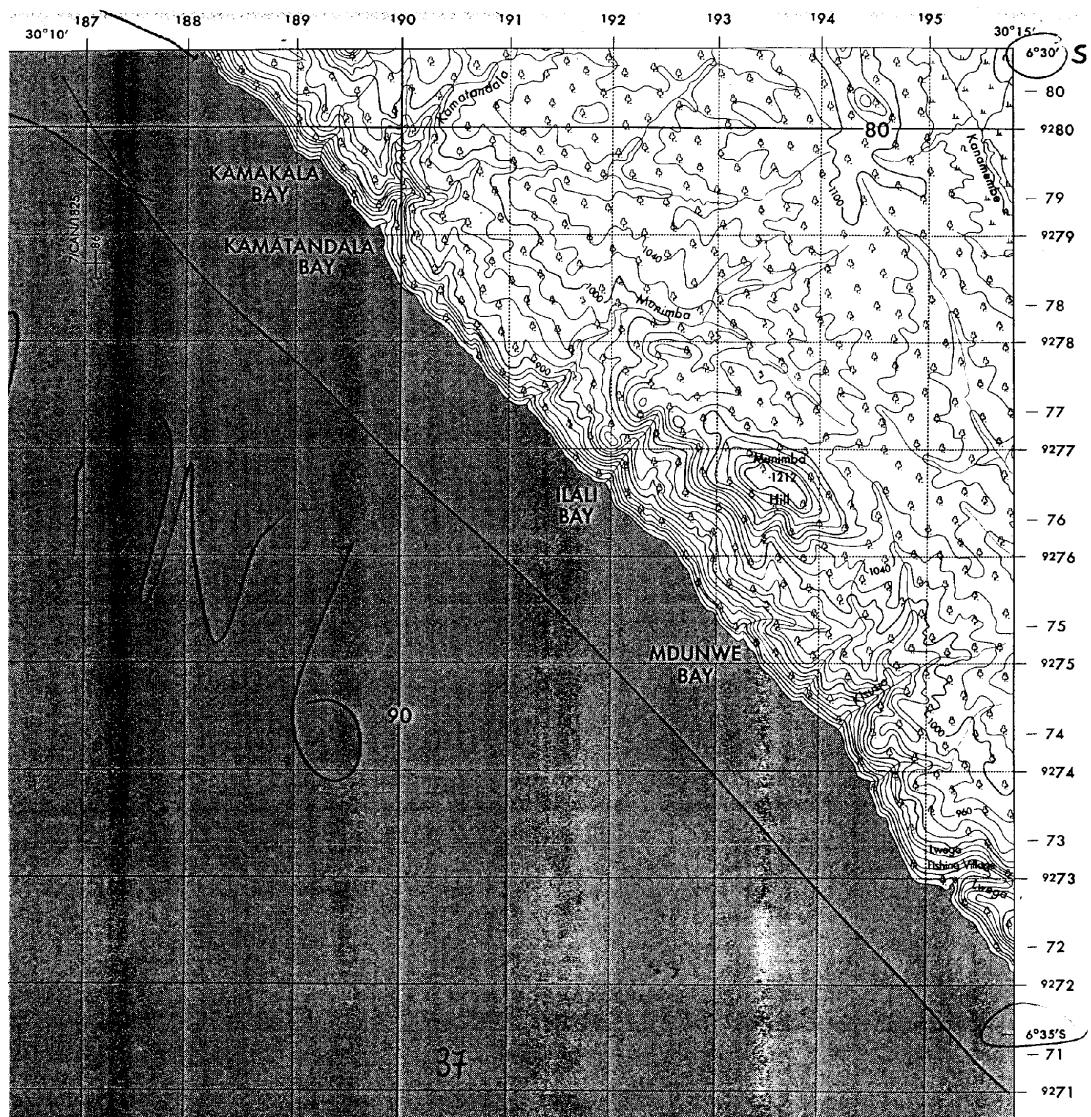


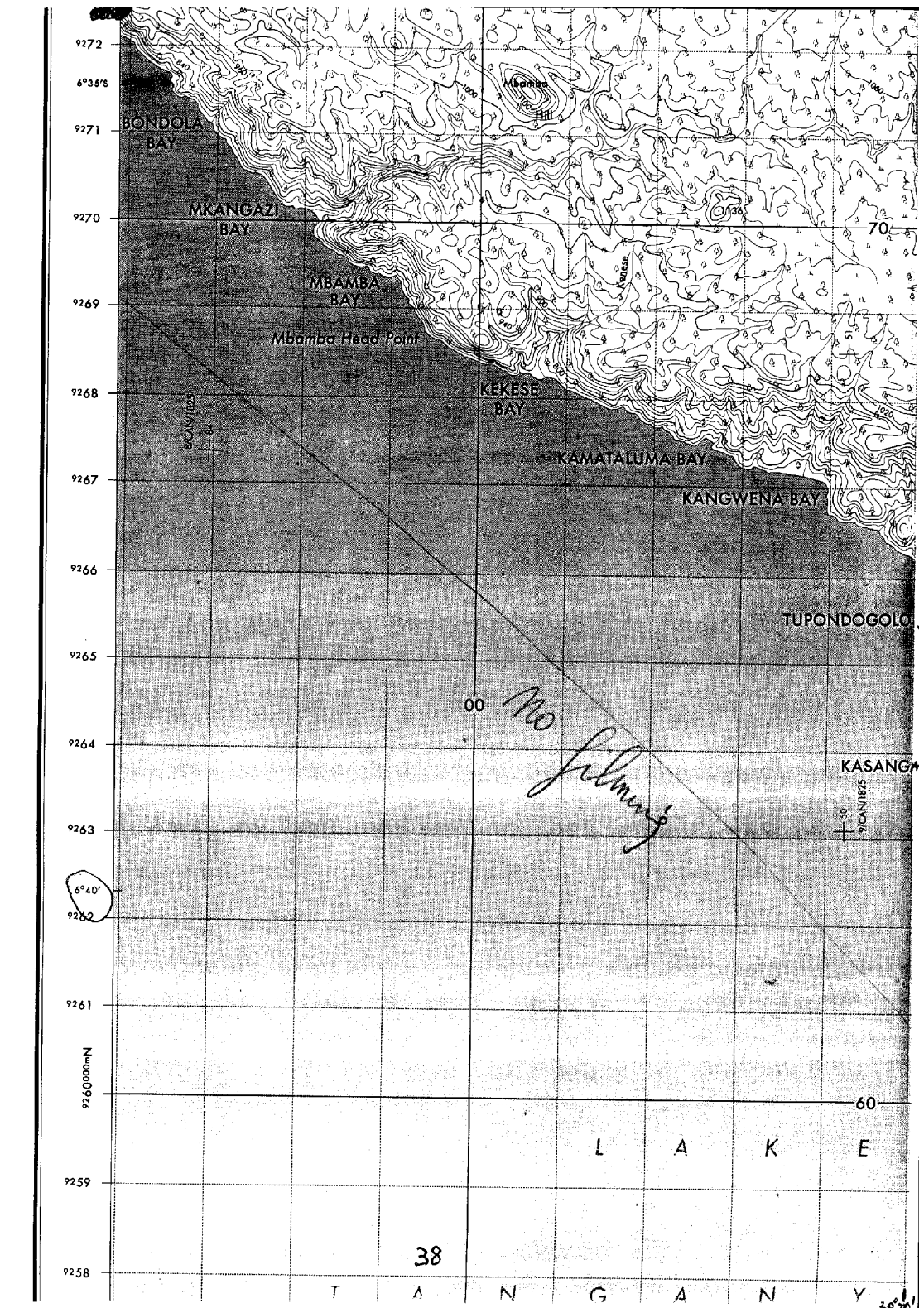


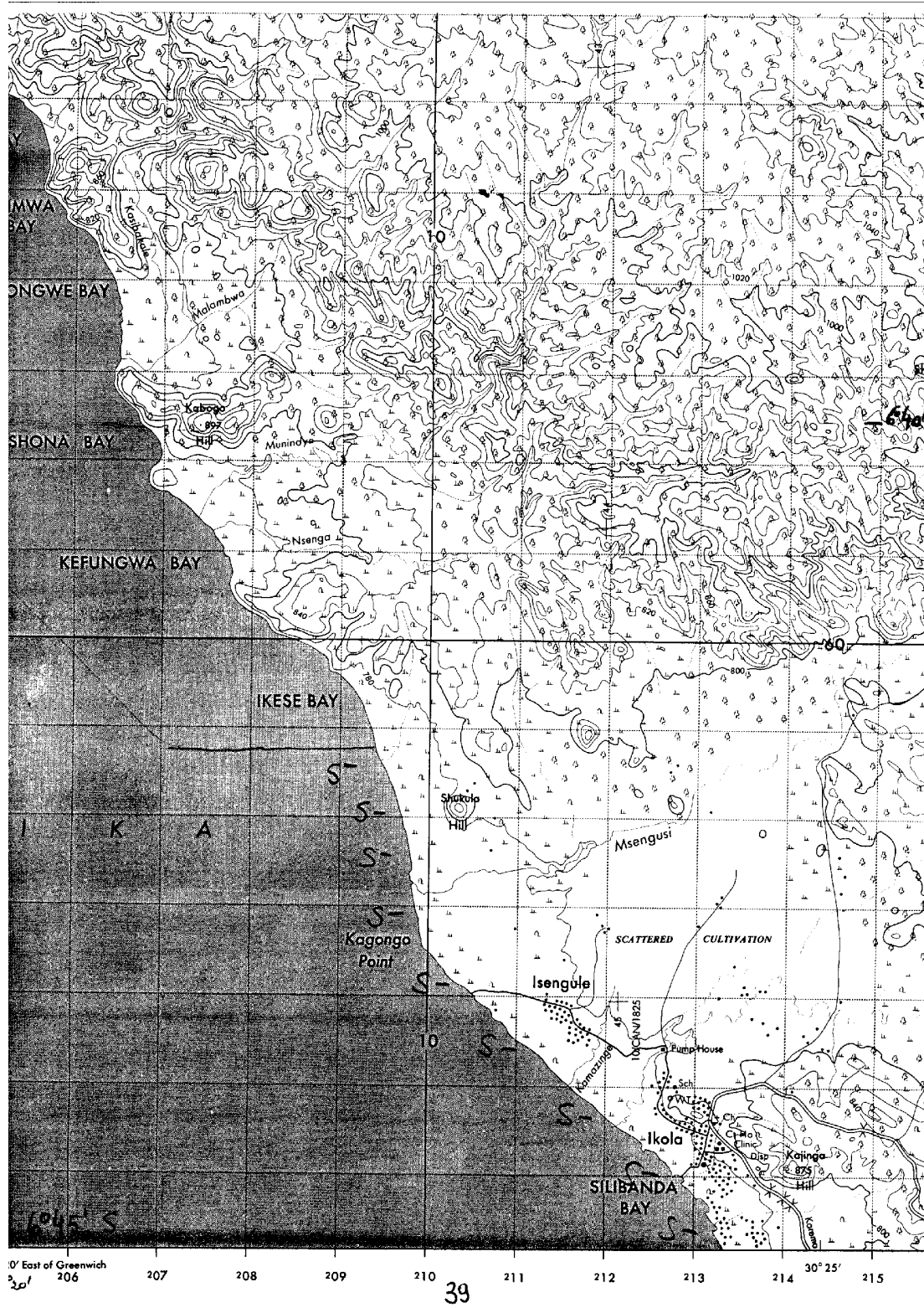


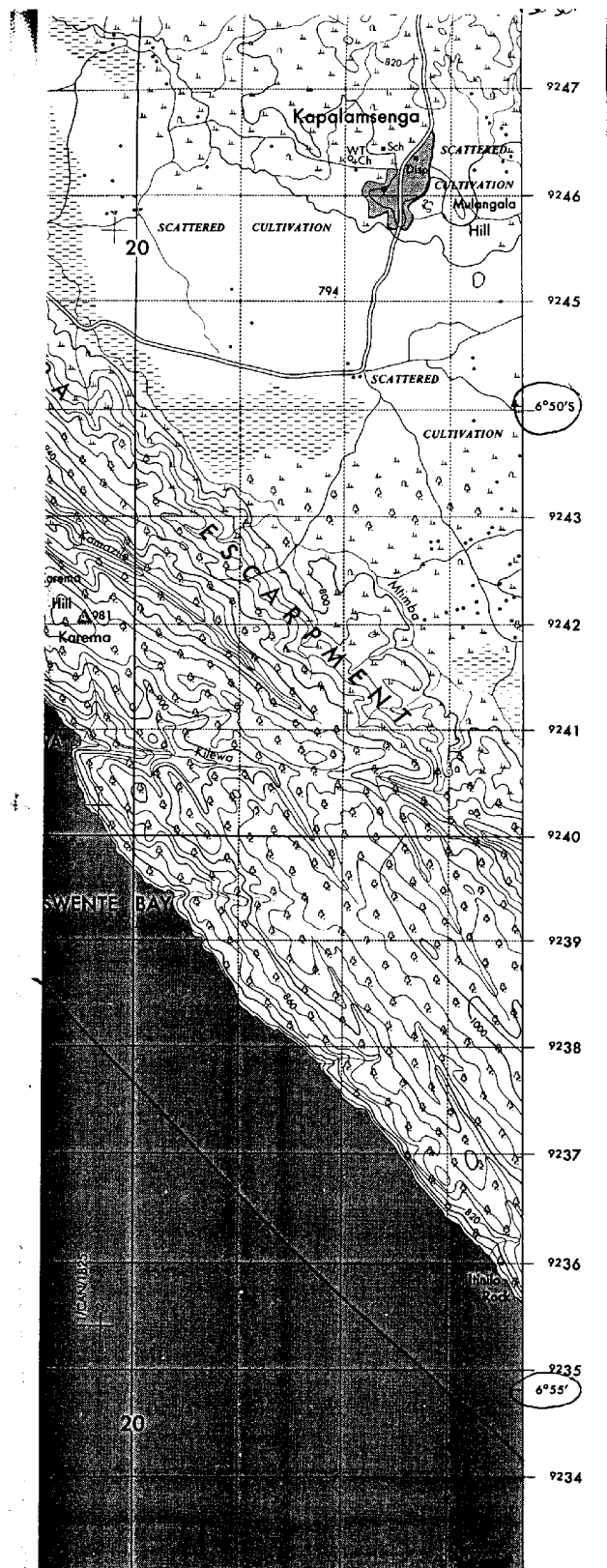


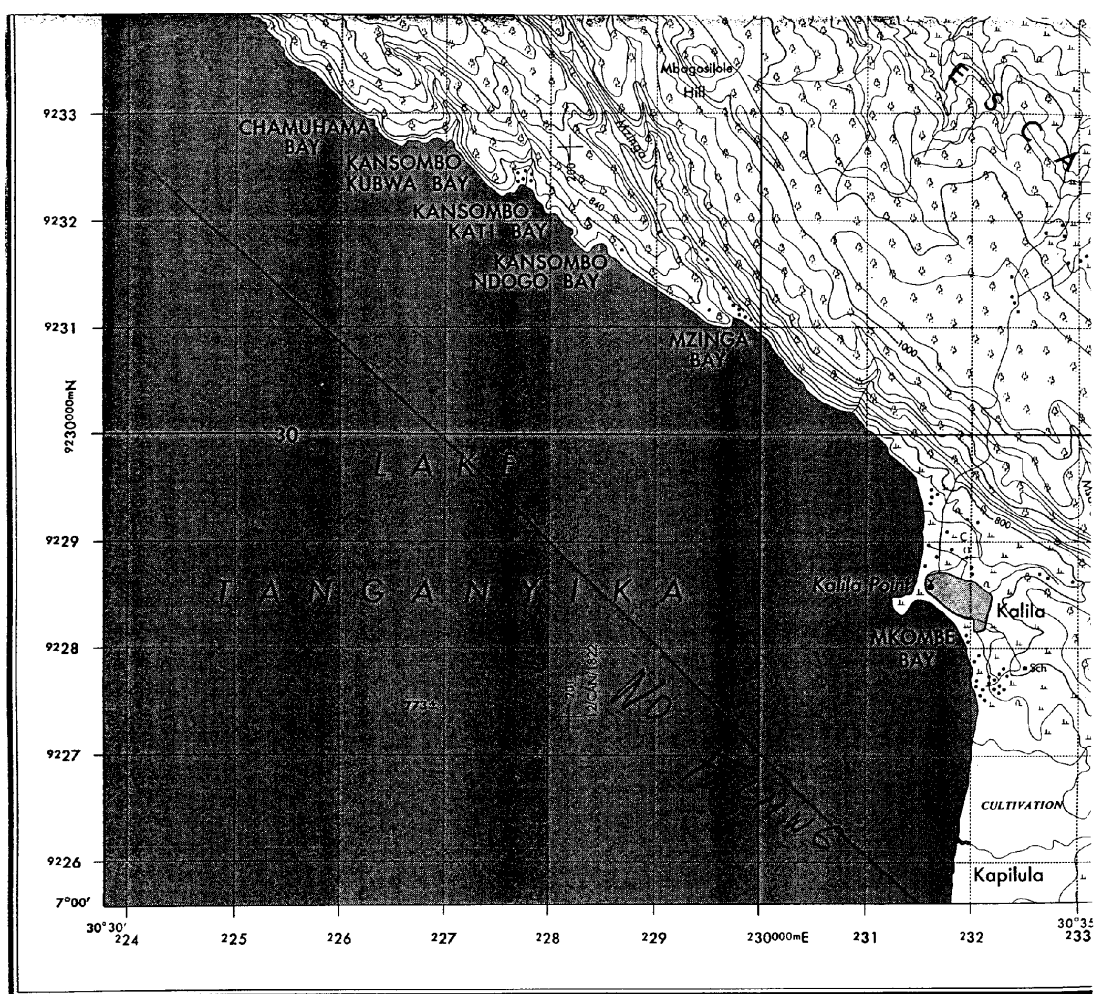




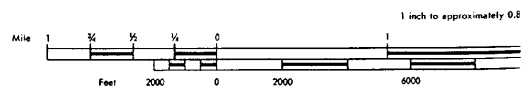


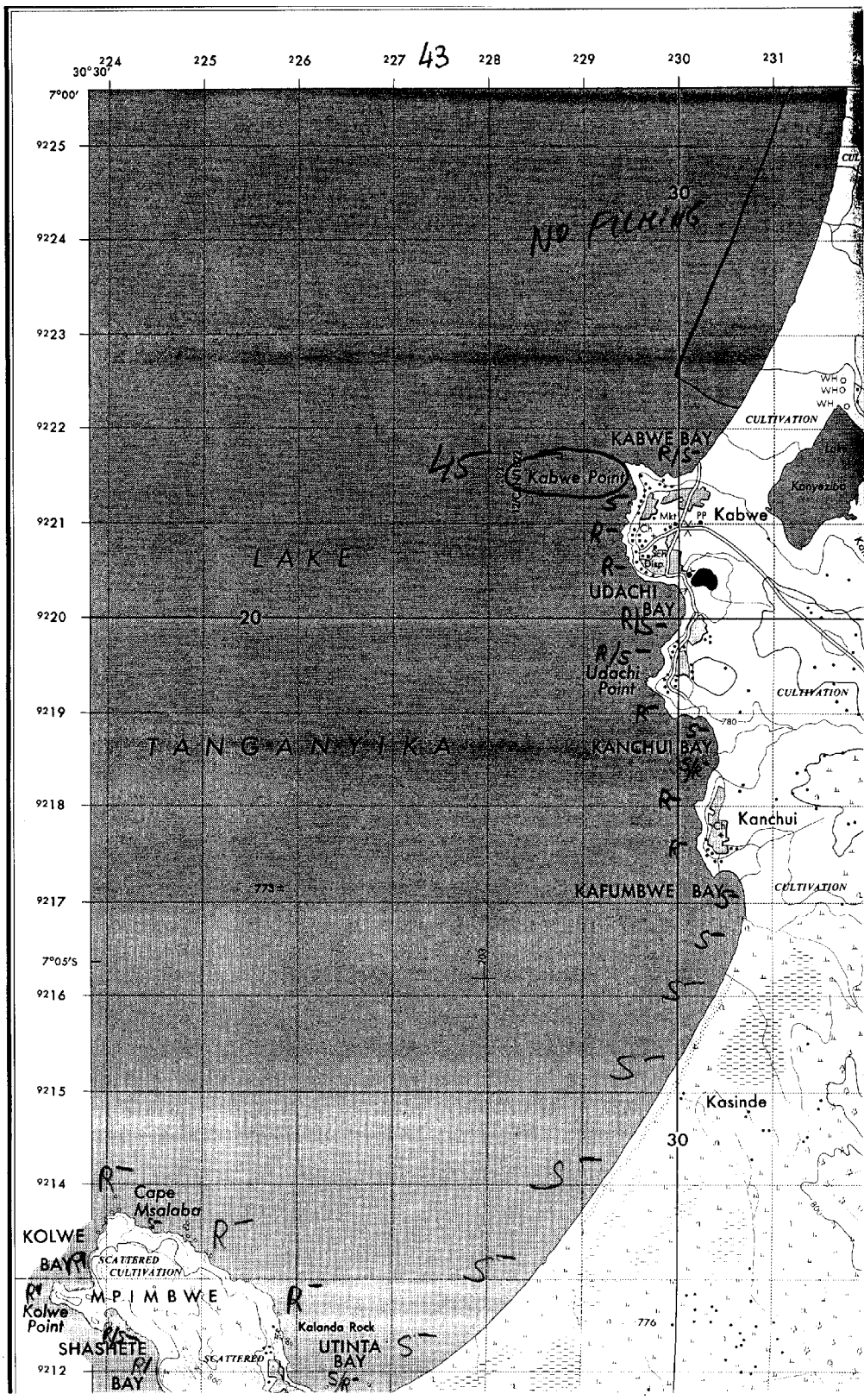


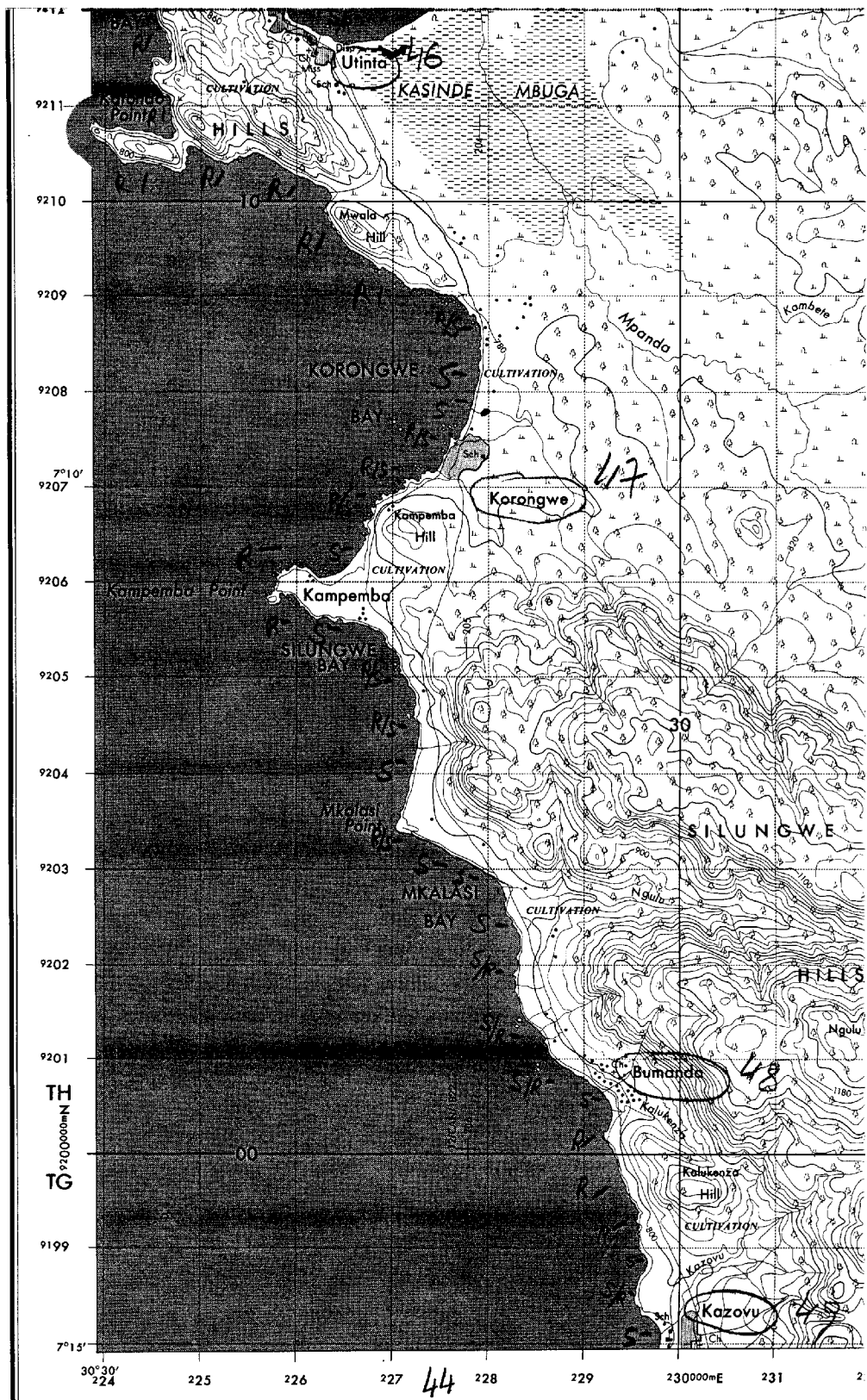


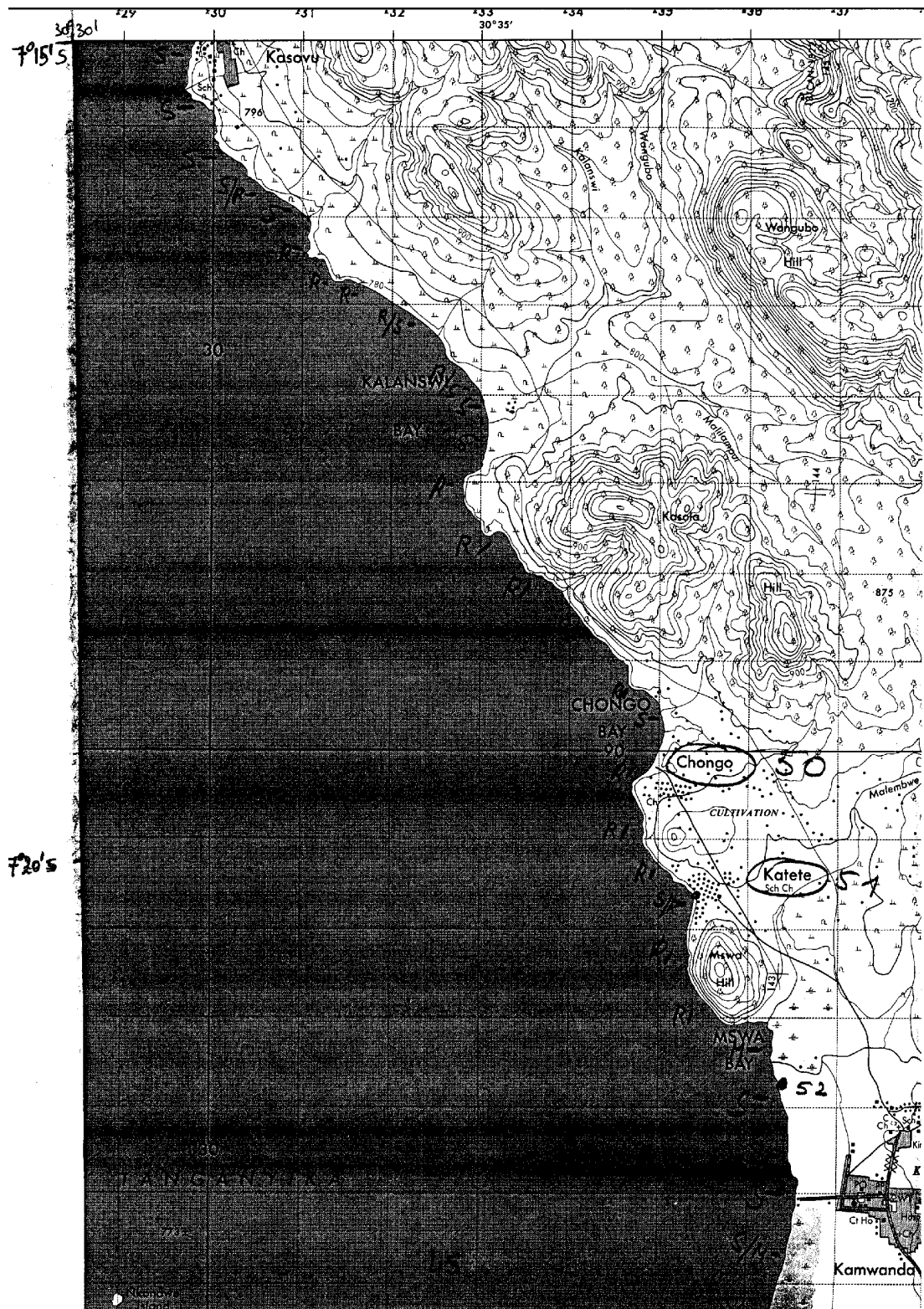


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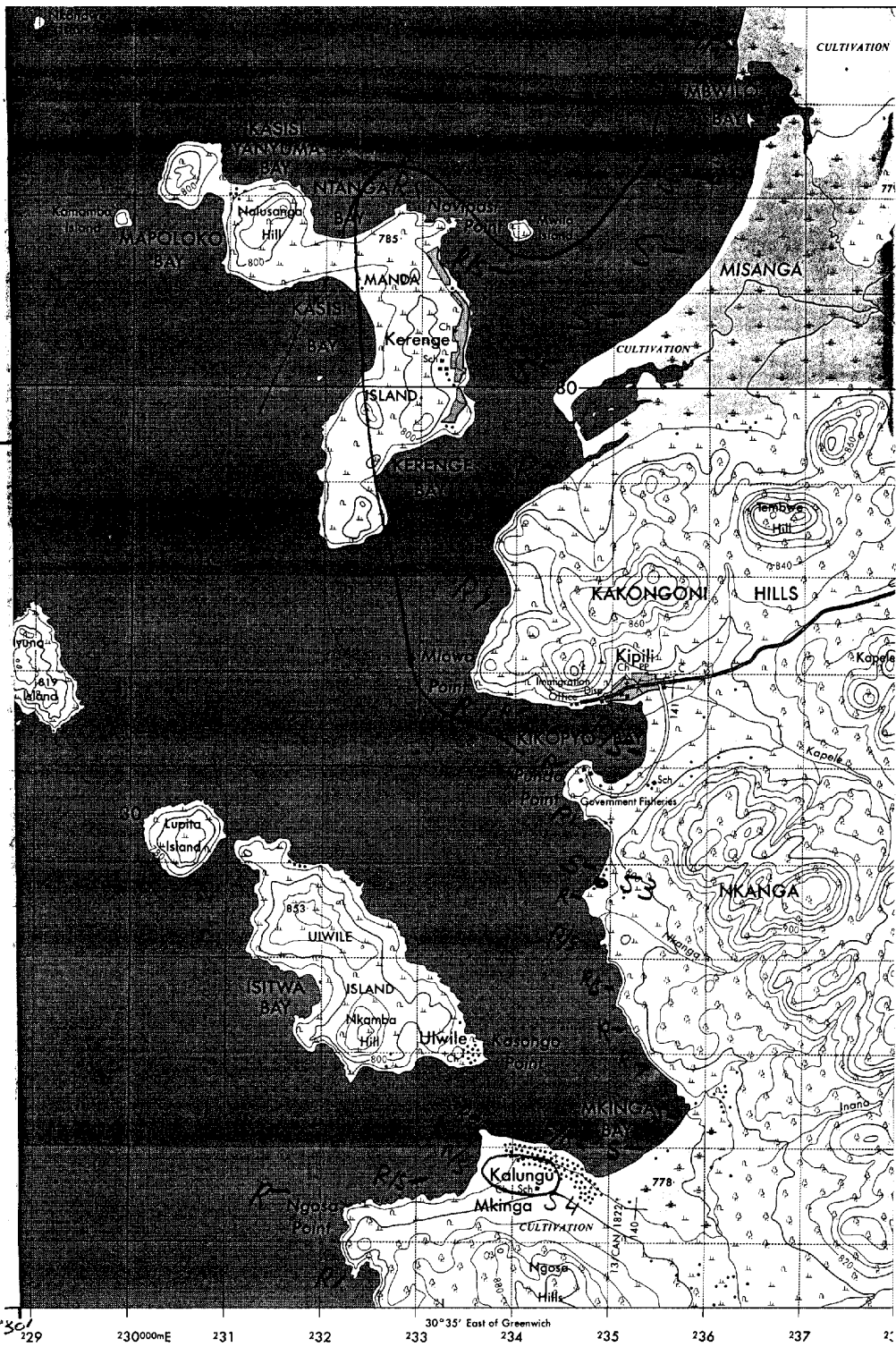


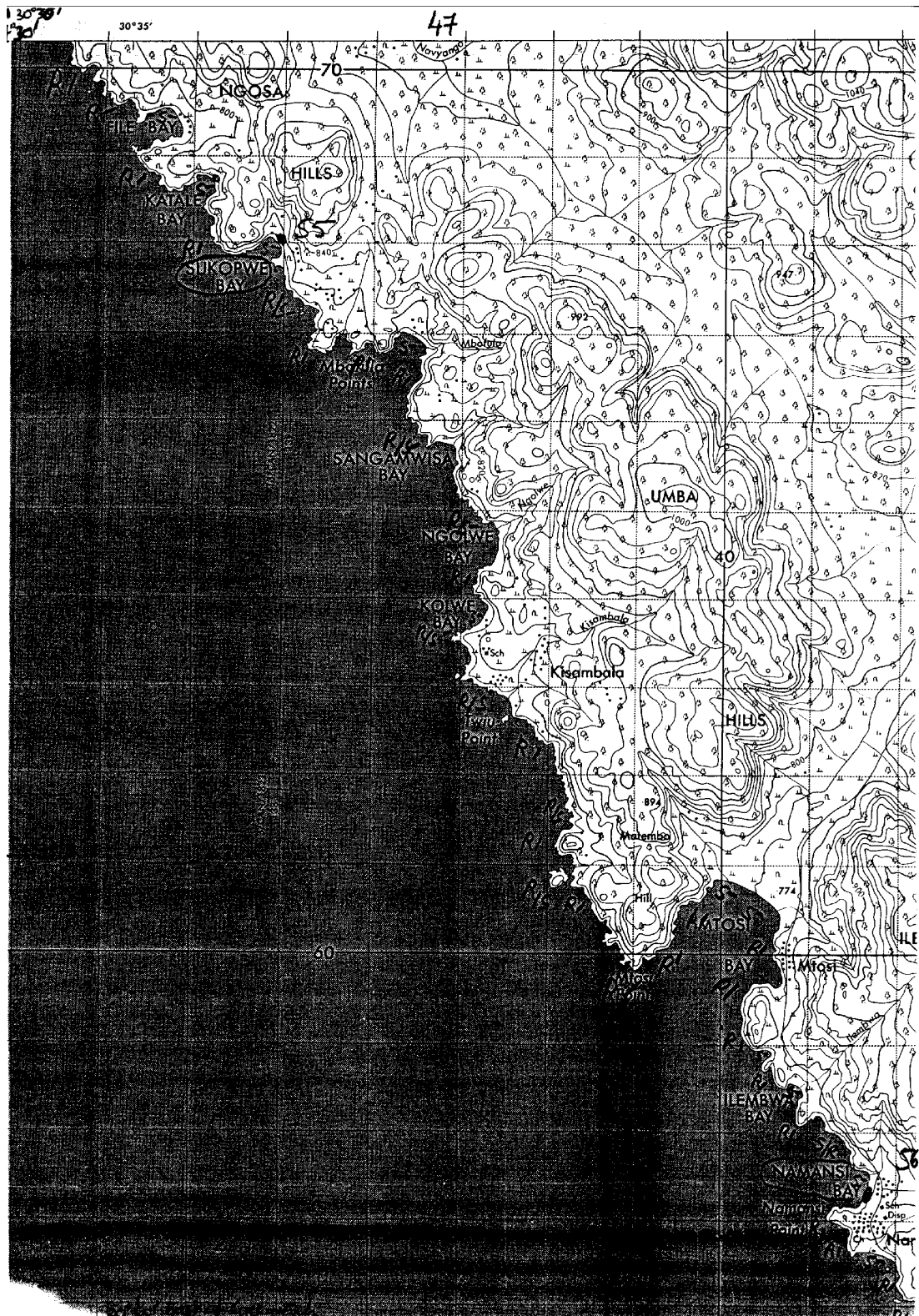


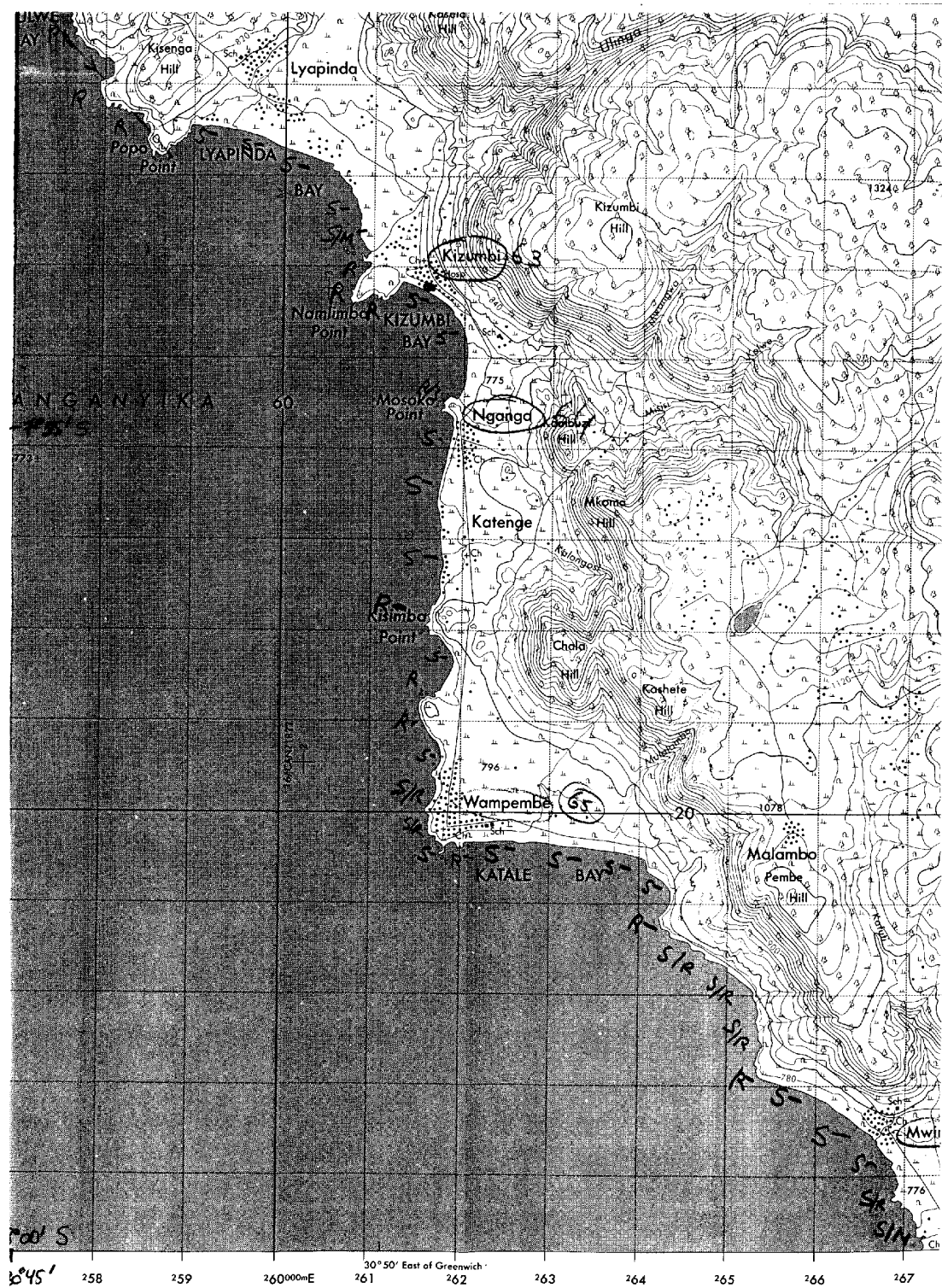


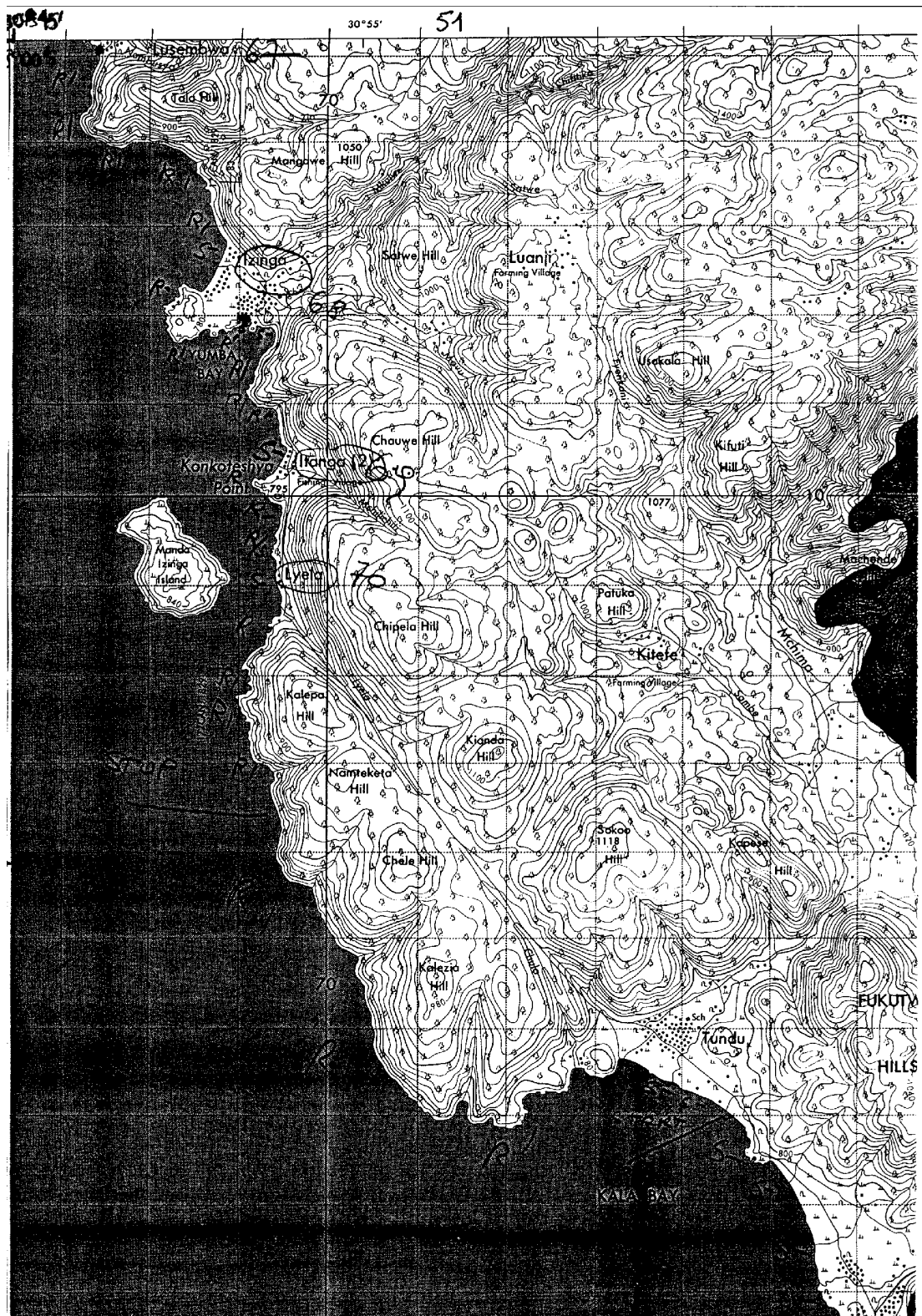
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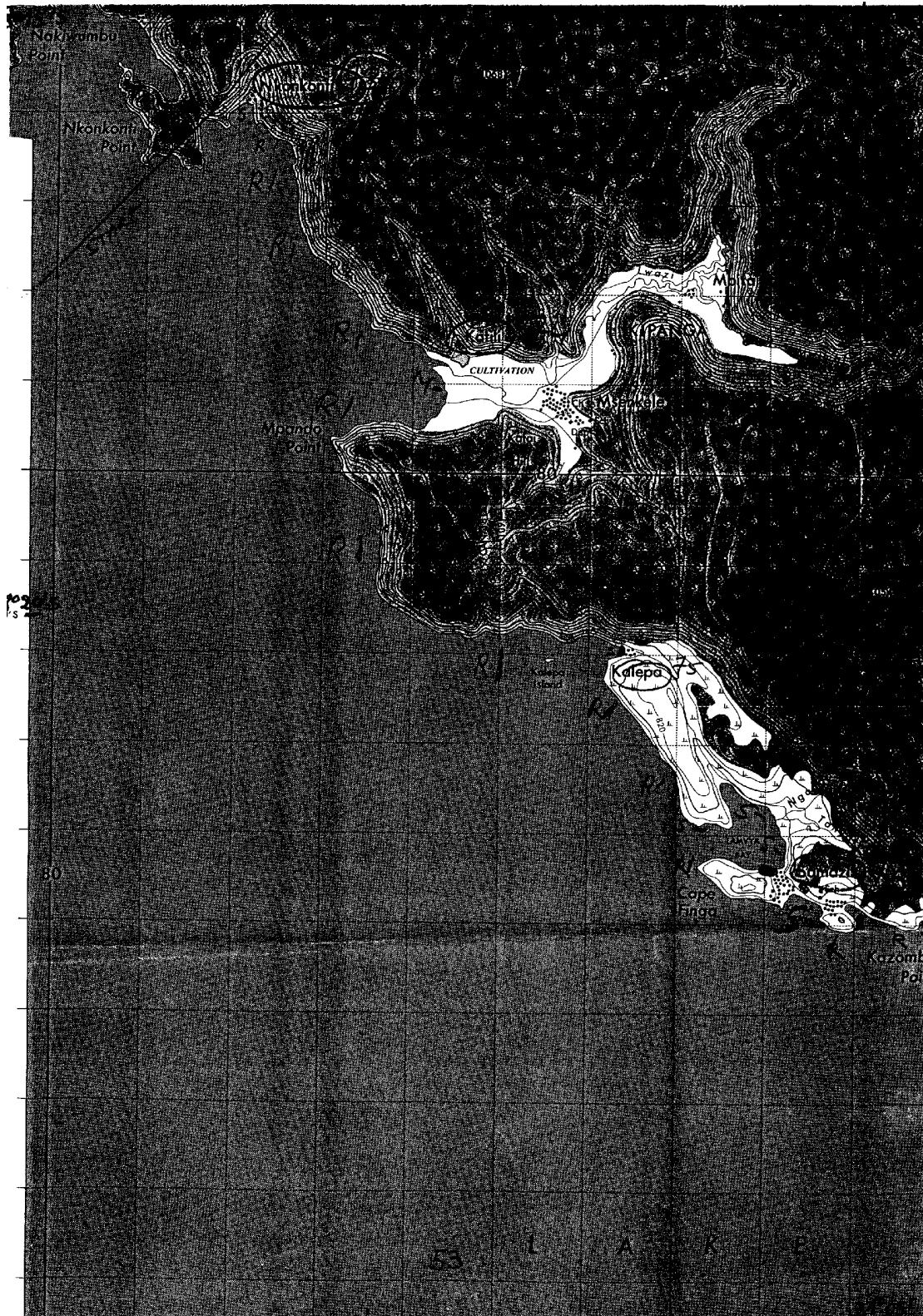
7°30'S
30°30'E

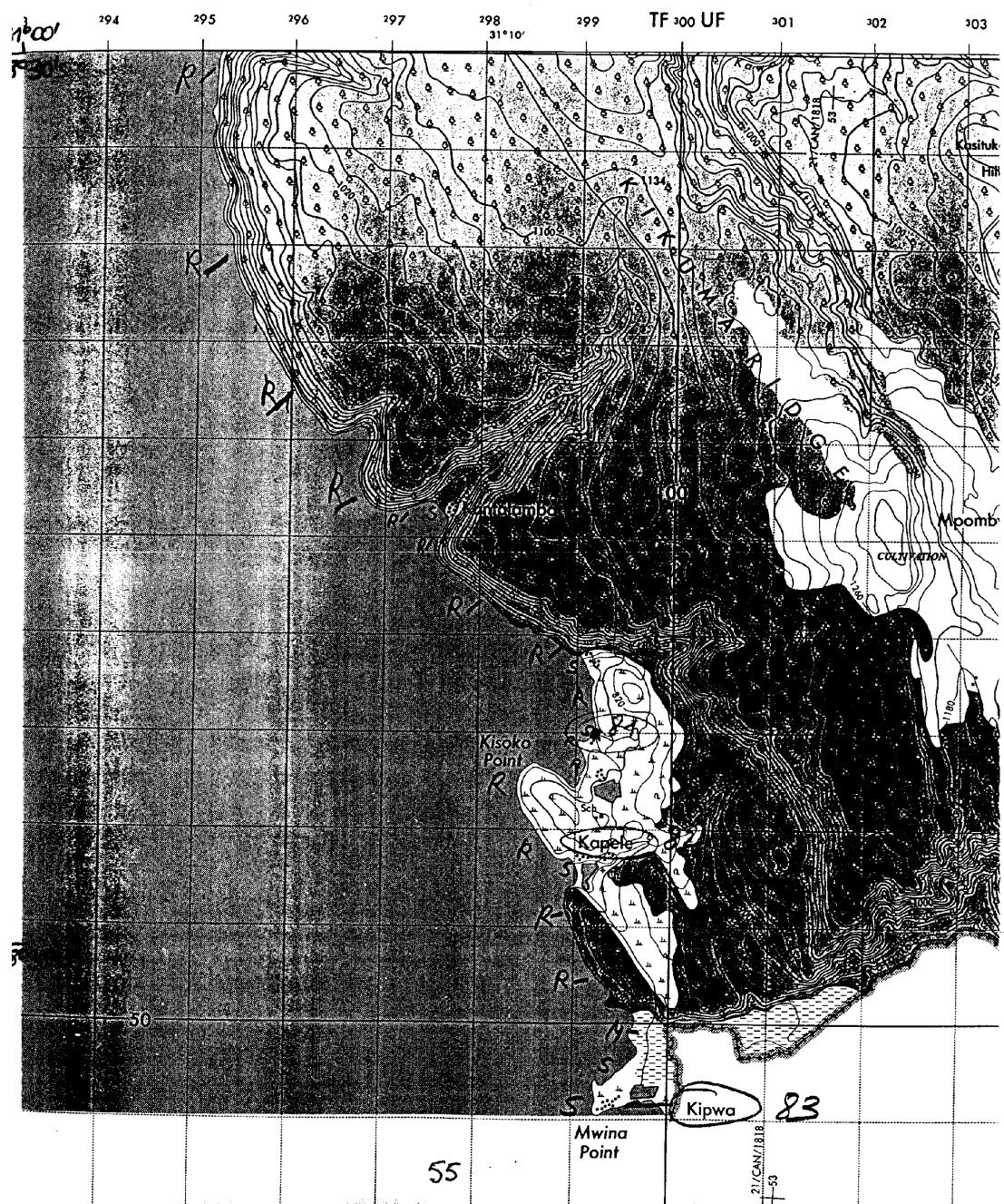






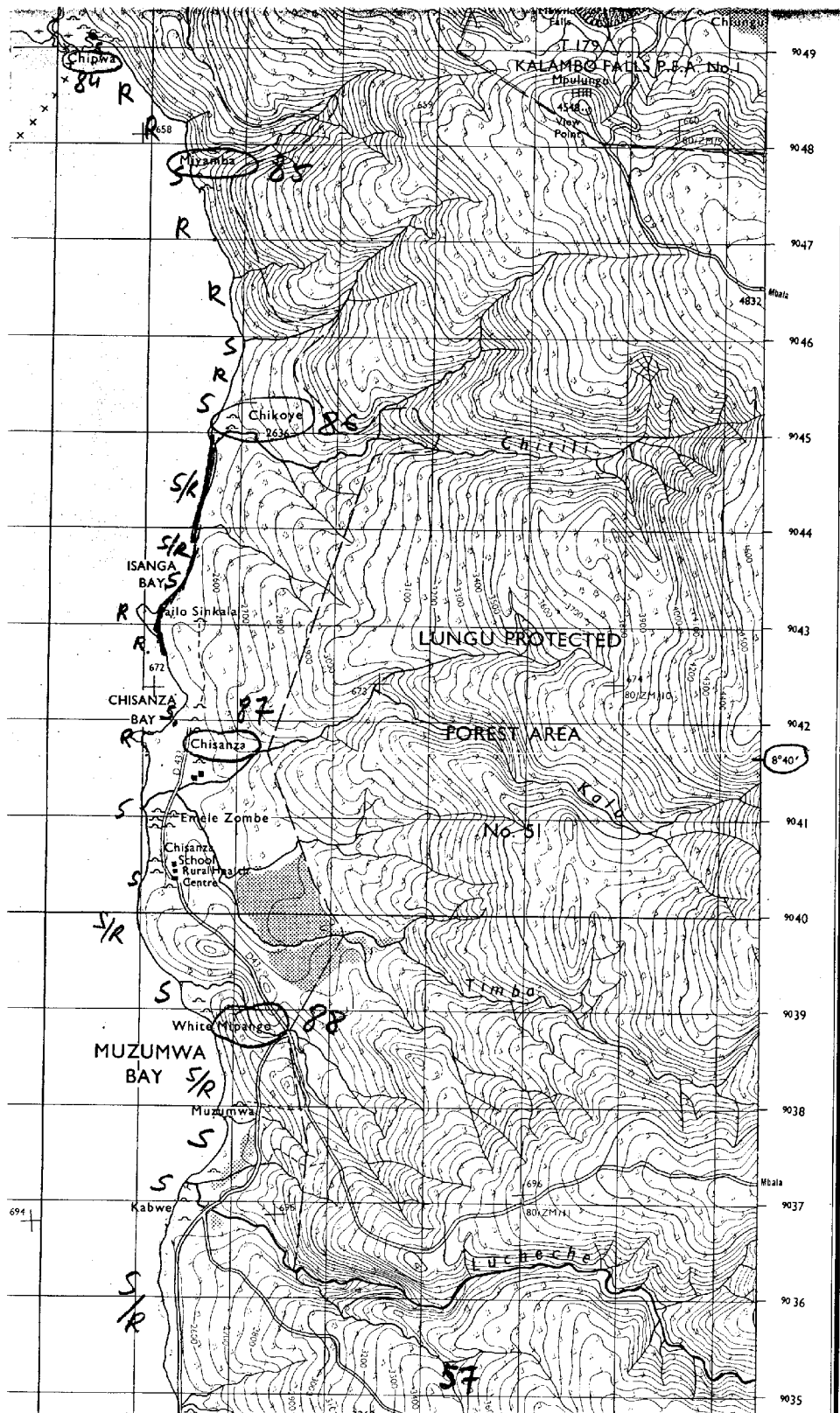


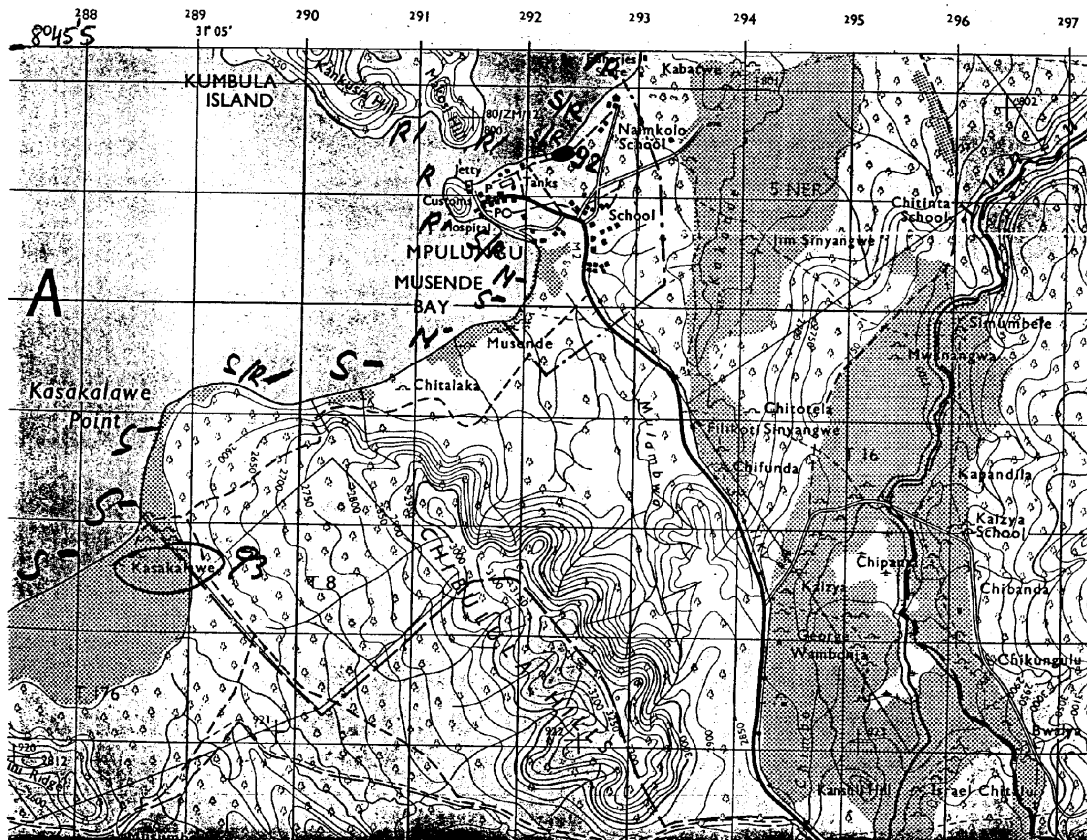


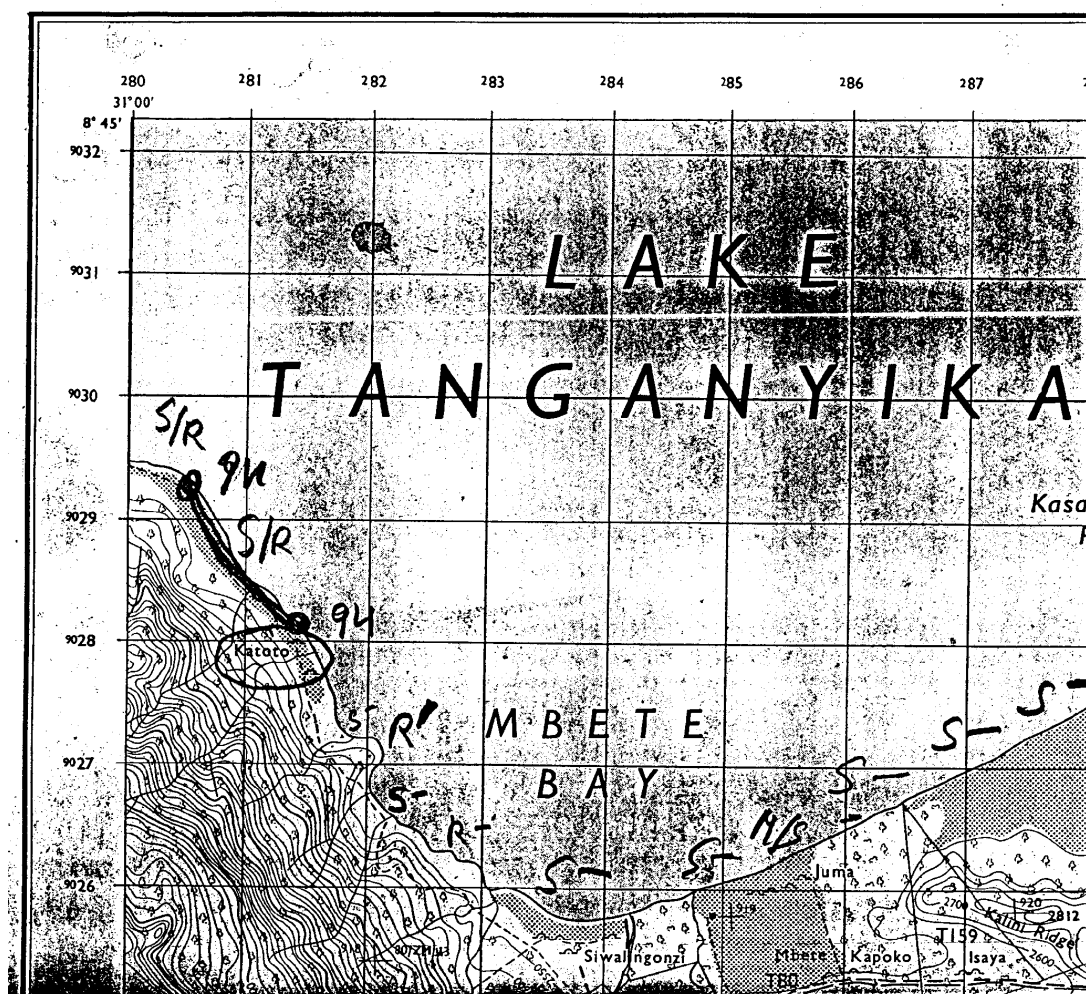


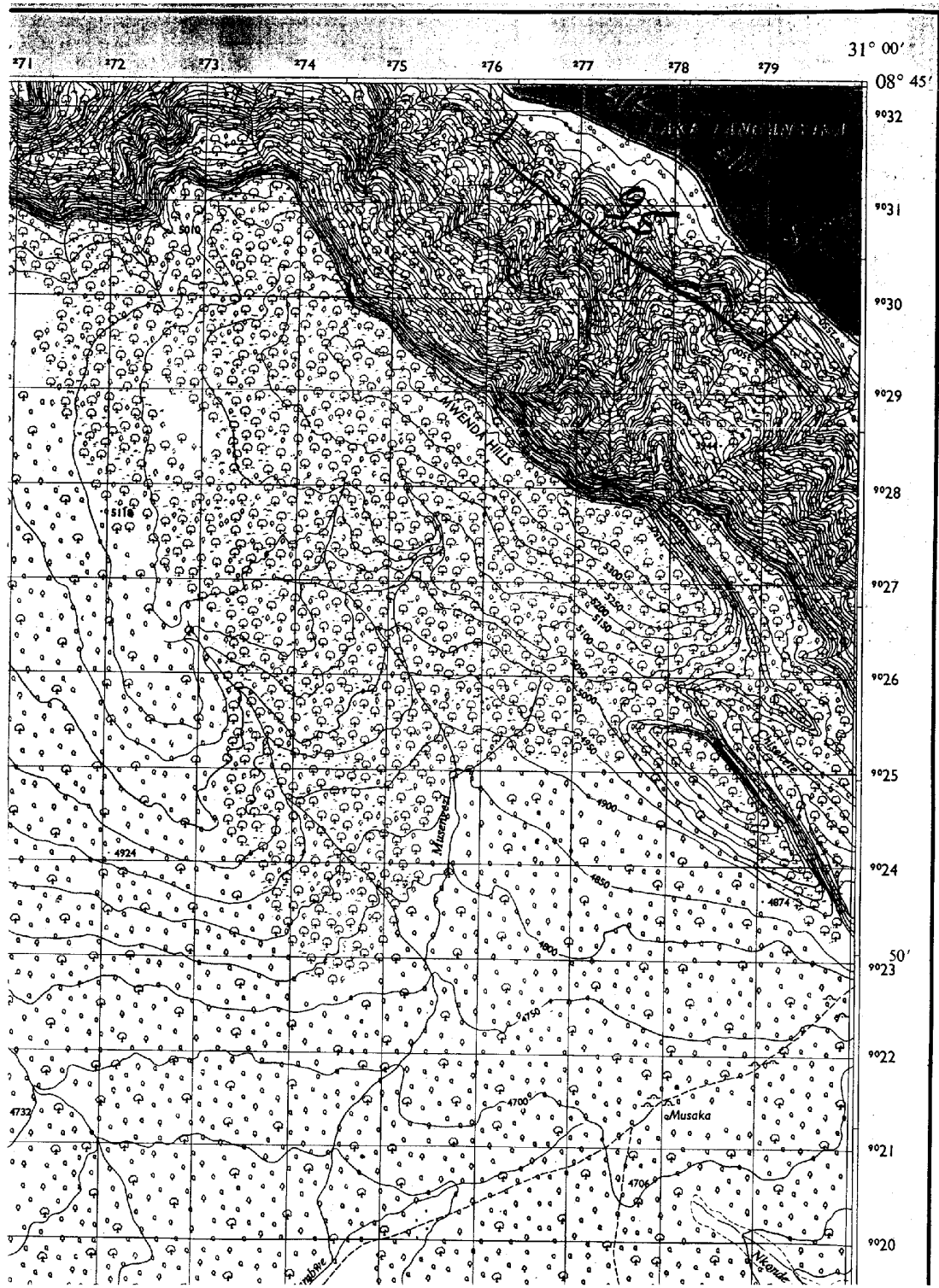
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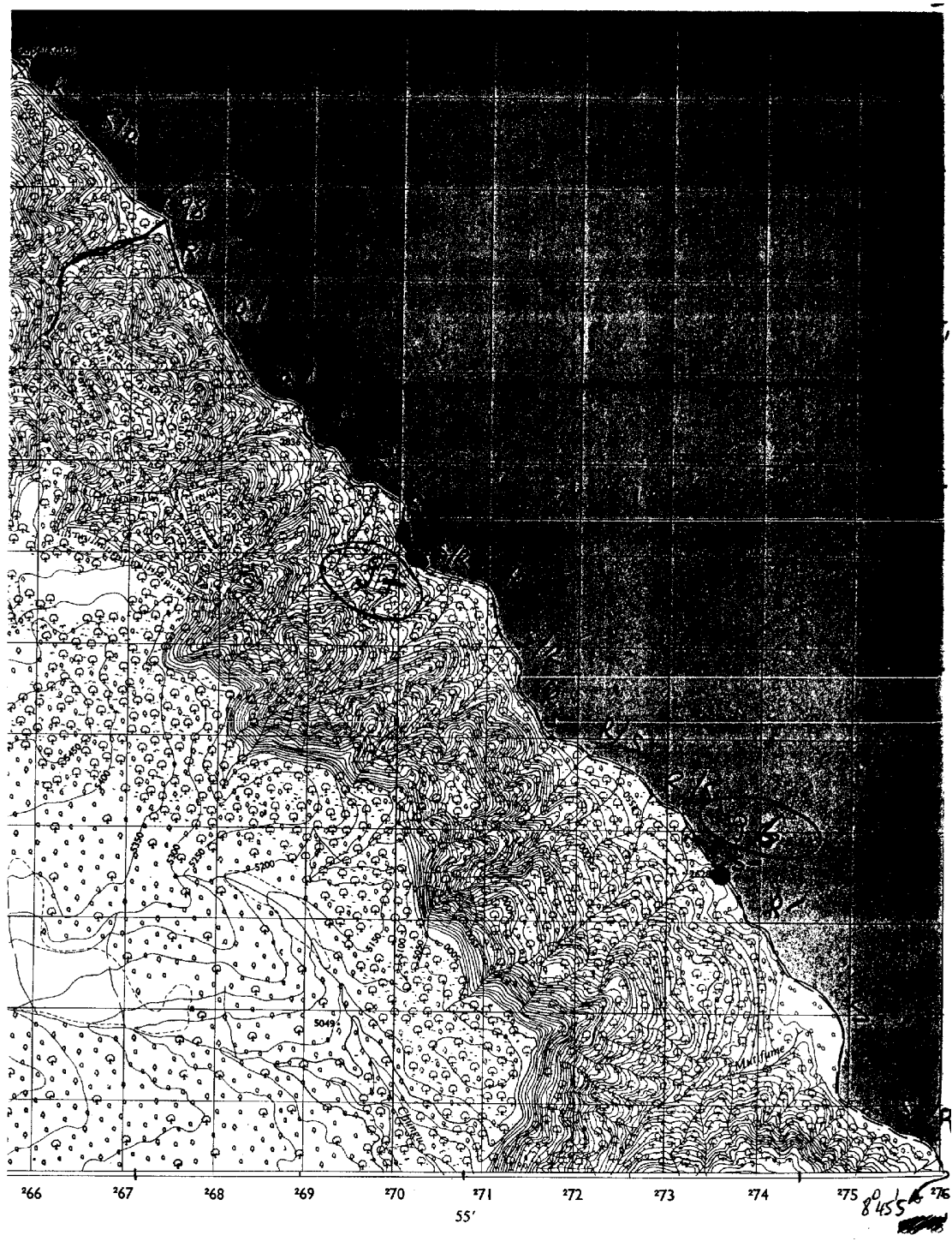
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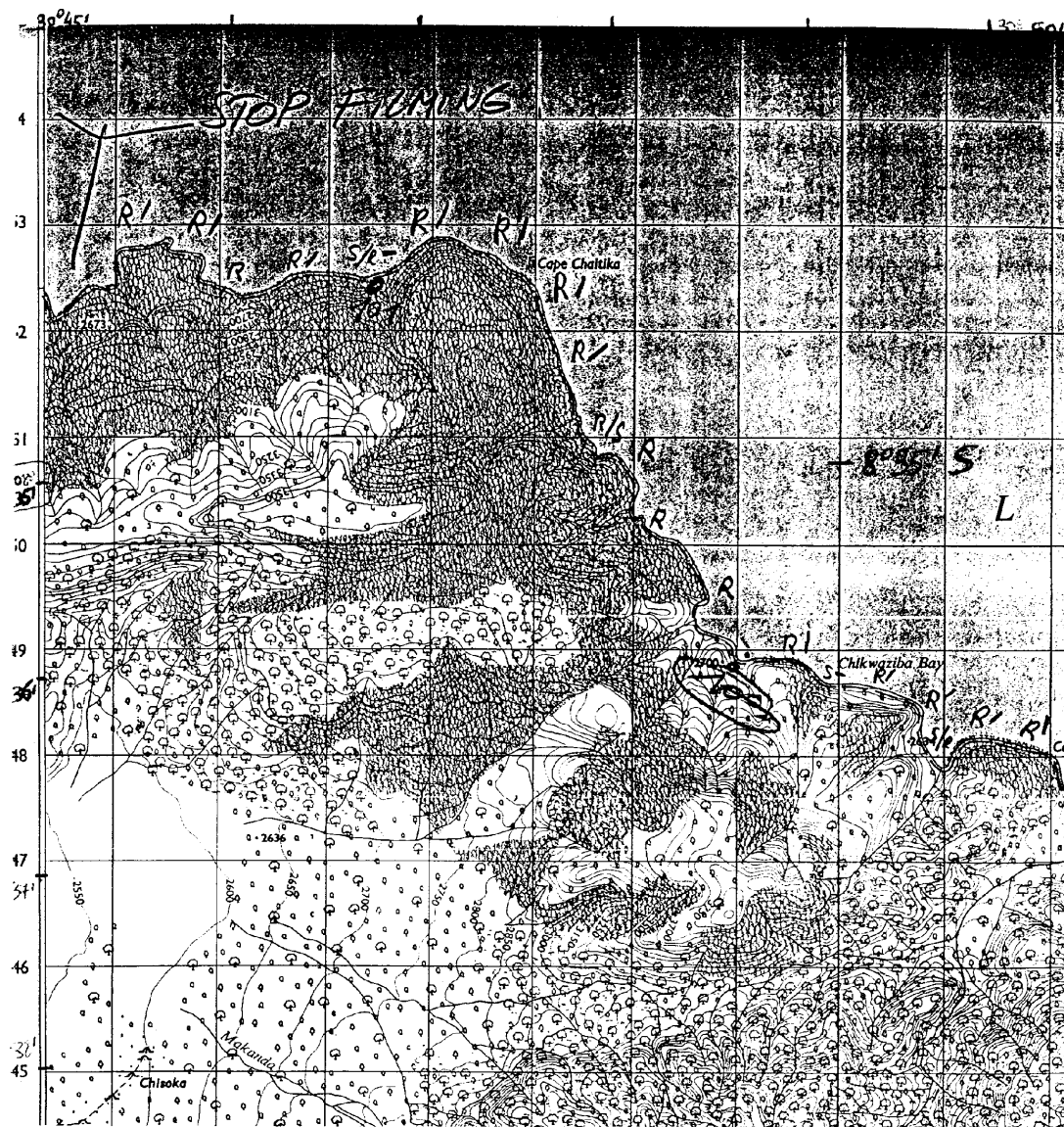
TRANSVERSE MERCATOR GRID, ZONE 36L MODIFIED CLARKE 1880 SPHEROID

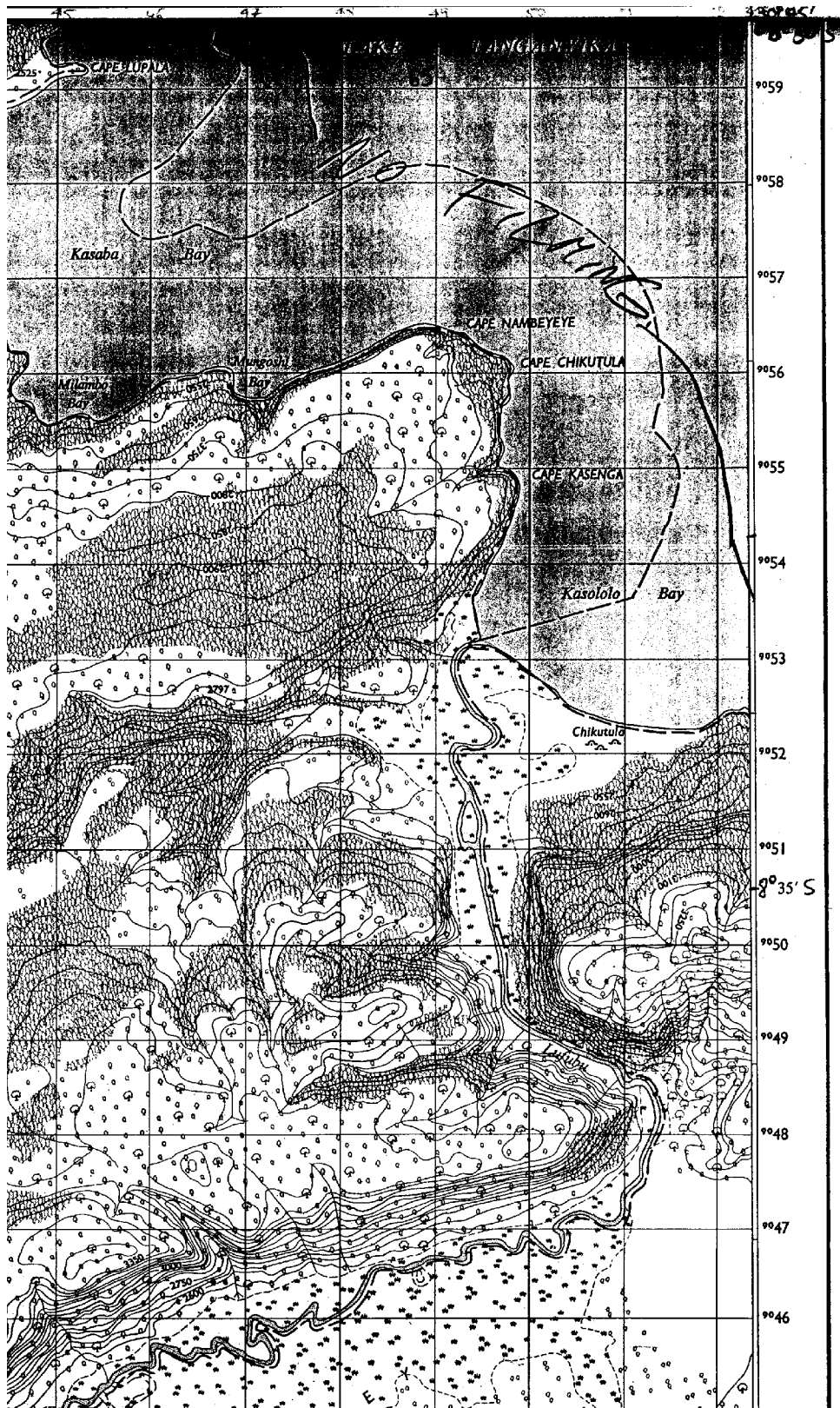
62

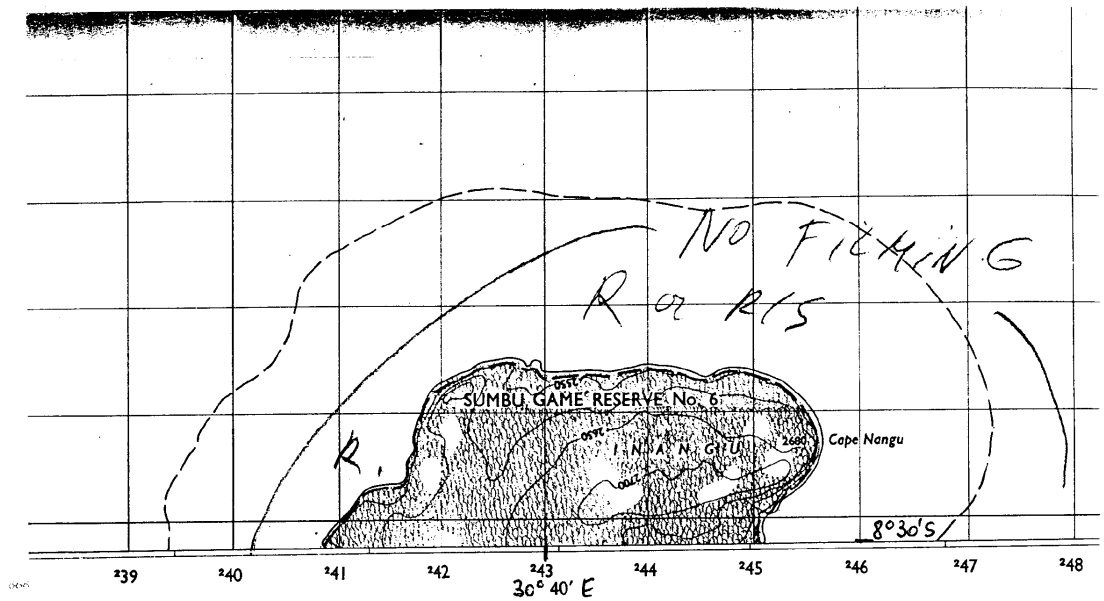
or 1:267 Inches to 1 Mile



GRID ZONE
3
100,000 M. SQUARE



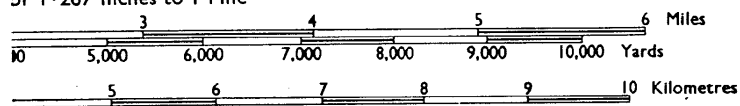




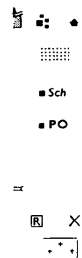
1" = 1 INCH IN ENGLISH FEET

NUMBER

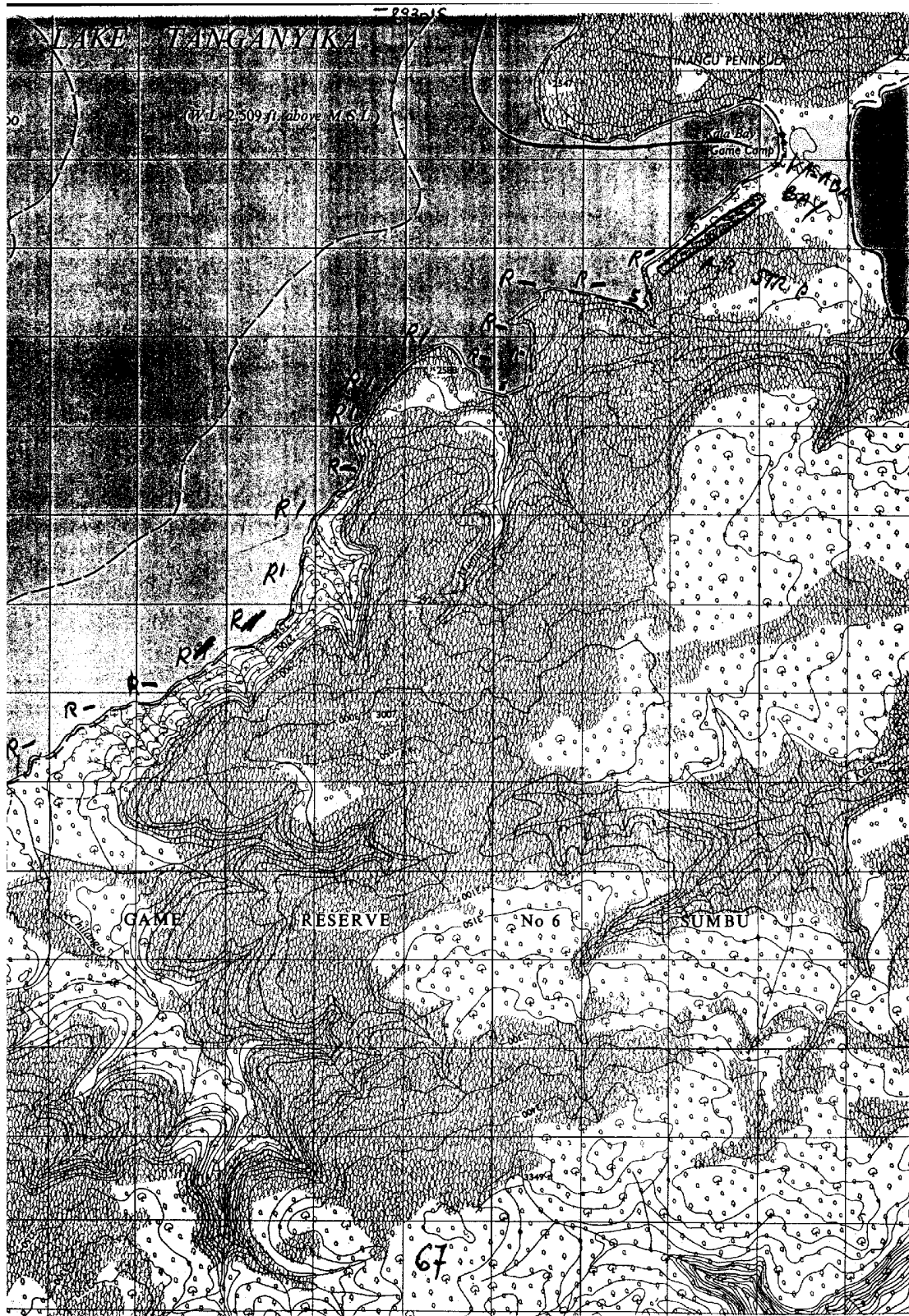
or 1:267 Inches to 1 Mile

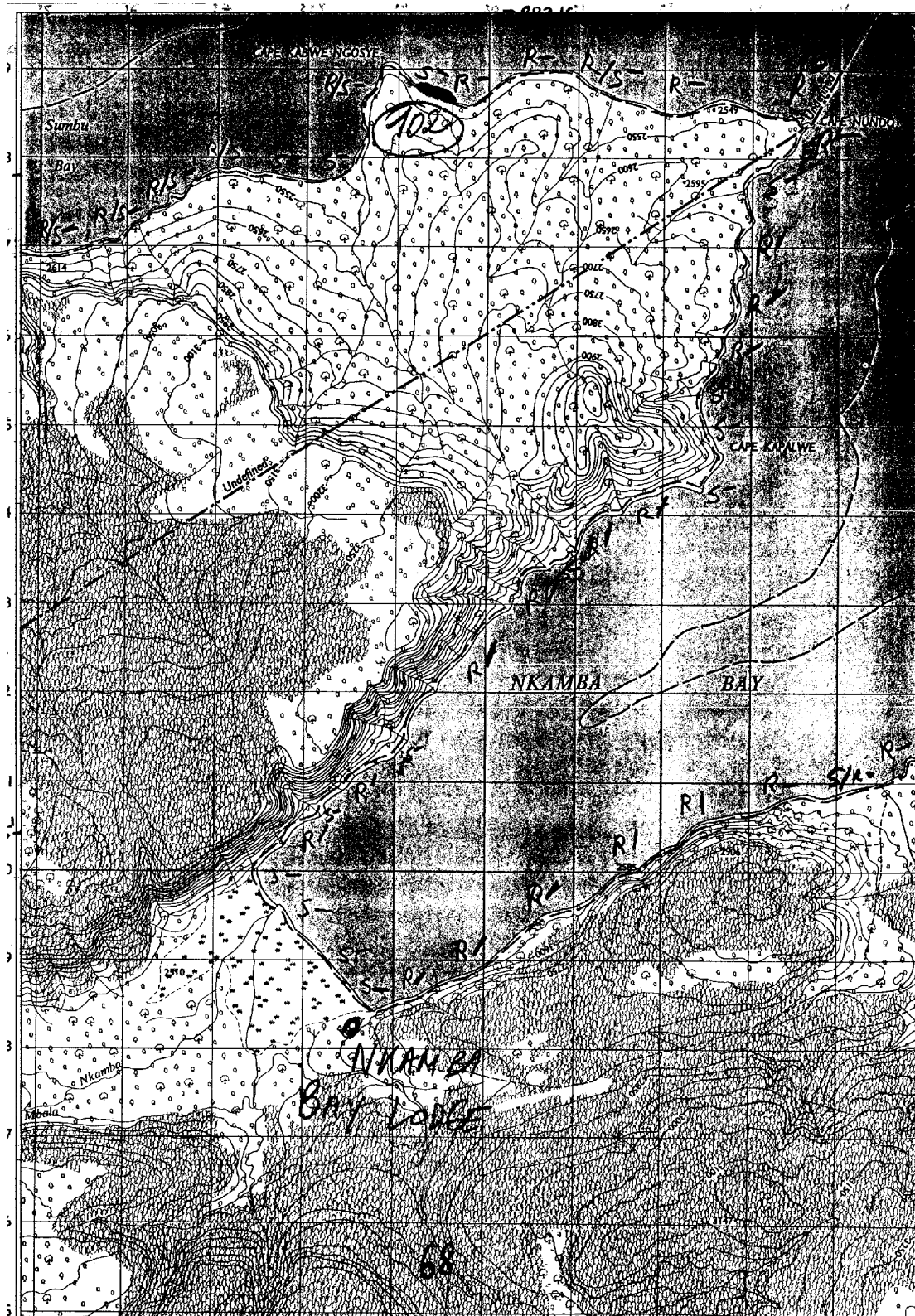


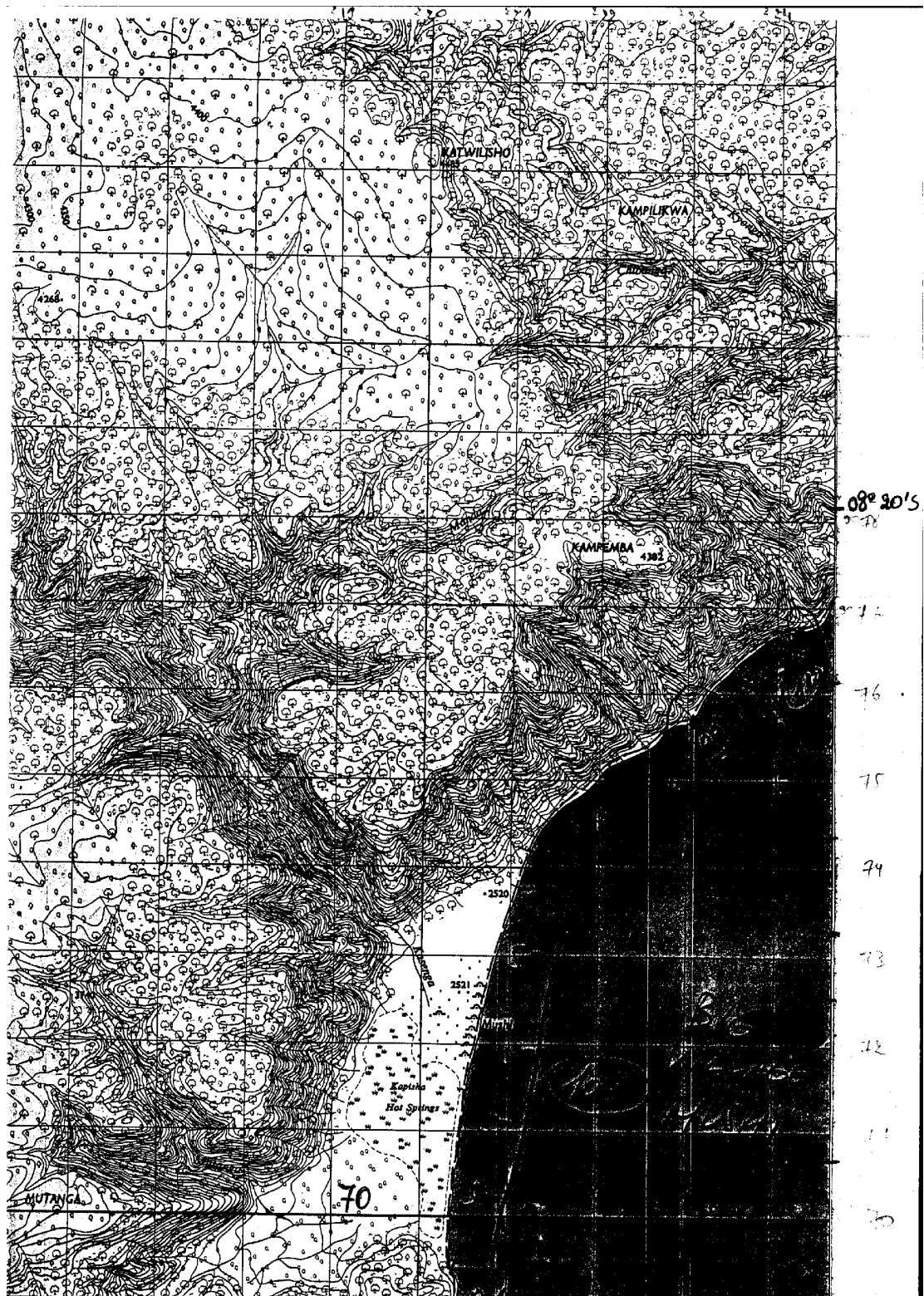
VEGETATION REFERENCE



Forest	
Thicket	
Bamboo Forest	
Planted Area Deciduous and Orchard	
Planted Area Coniferous	
Woodland	
Woodland Savanna	
Tree Savanna	







PART IV : ZAIRE (1:200,000)
PARTIE IV : ZAIRE (1:200.000)



ERRITOIRE BAUDOUINVILLE (MOBA)

1945

133

132

131

130

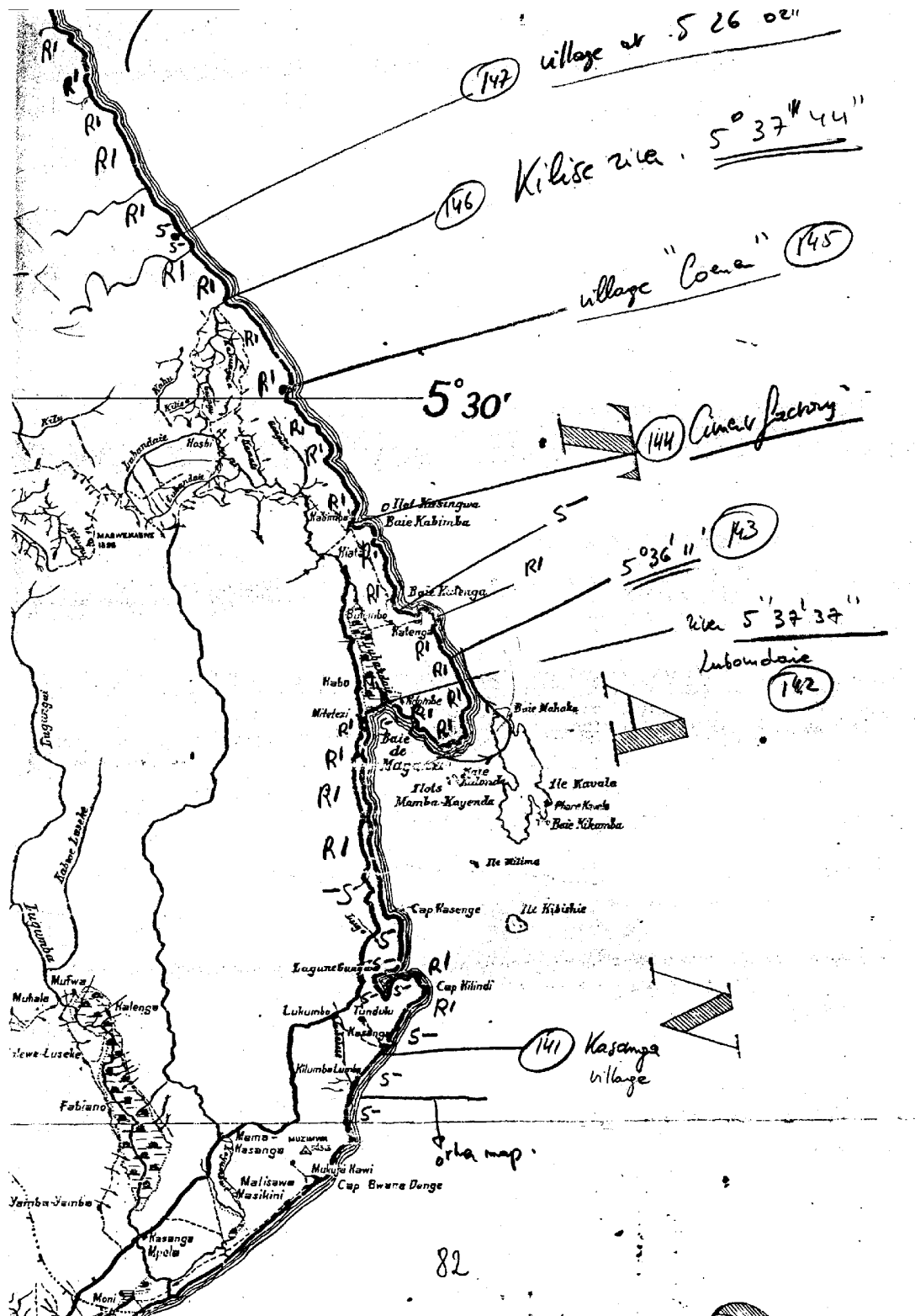
7°00'06"

Boudouinville = MOBA

30°

00'5





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