

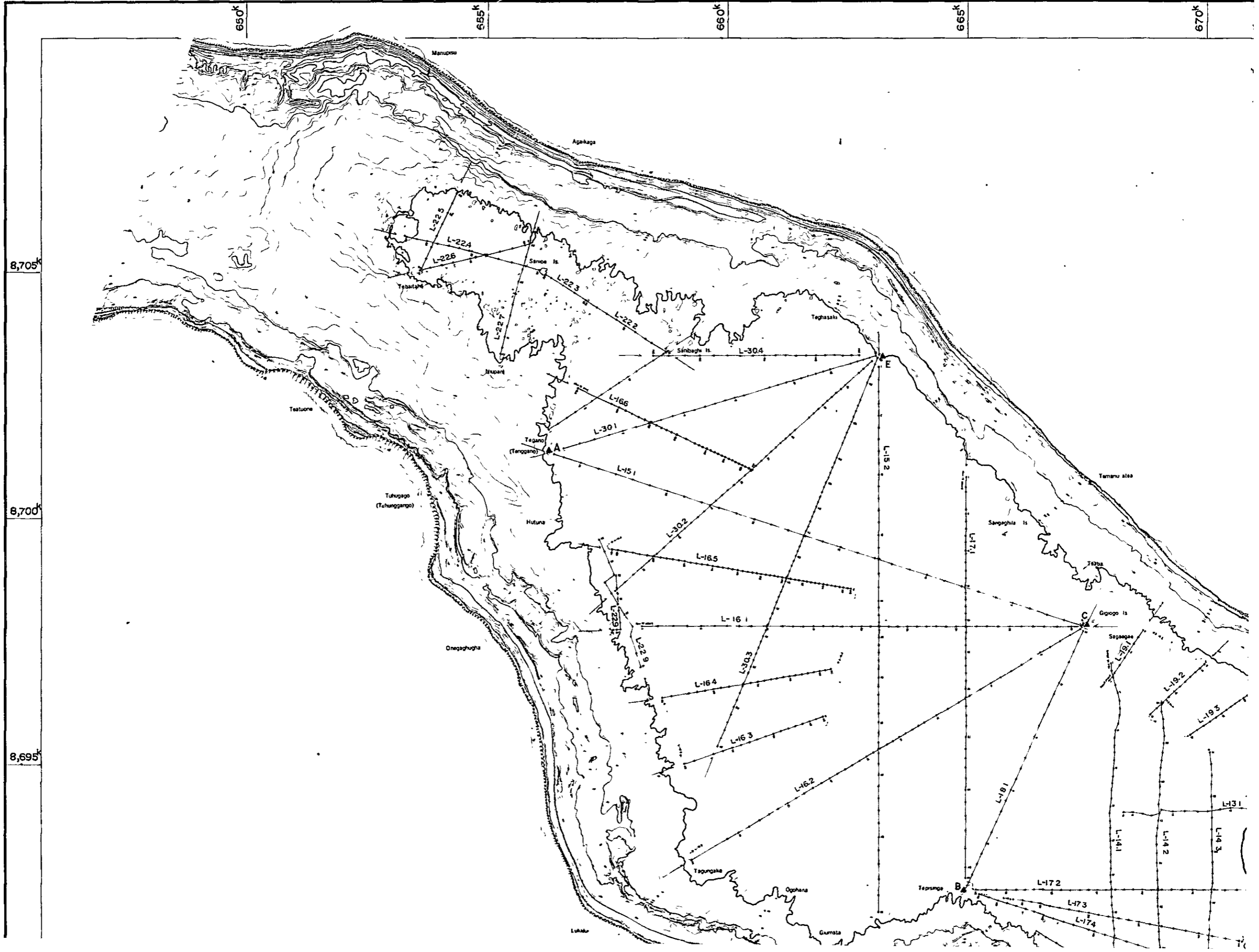
ANNEX 4

ANNEX 4

ITINERARY OF THE SURVEY WORKS, LAKE TENGGANO, RENNELL IS.

- Oct. 20th 1981 N. TSUKAHARA and S. SASAKI arrived in Honiara.
 Courtesy visit to Mr. F.I. COULSON and Geology Division, Ministry of Land, Energy and Natural Resources.
 Brief discussion on preliminary works and survey itinerary with Geology Division, represented by Mr. Stephen Danitofea.
- 21st General discussions on the programme progress and purchase of equipments and tools with Geology Division.
- 22nd } Purchase of equipments, tools and rations in Honiara.
 25th } Papuan Chief V52 arrived in Honiara on 22nd Oct.
- 26th } Custom Clearance of the equipments of sea cargo. 10 crates of cargo have been unpacked and easy-repack and pack-list have been made.
 Nov. 1st } A. SUGIYAMA, Y. AKAZAWA, F. AKIMOTO and M. KONDO arrived in Honiara on 27th Oct.
- 2nd N. TSUKAHARA, Y. AKAZAWA, F. AKIMOTO and M. KONDO flew SOLAIR Commercial Flight to Western Rennell.
 A. SUGIYAMA, S. SASAKI, S. DANITOFEA and Geology Members left Honiara by Bulawa 4:30 pm loaded with equipments and fuel.
- 3rd Bulawa arrived in Tuhungango 4:30 pm.
 All the members of S.I. Geology and Japanese teams met in Tuhungango shore.
- Nov. 4th } Unloading of cargos from Bulawa.
 Transportation of equipments, rations and a part of fuel.
 Set-up of base camp in TeNggano Village.
 Construction of catamaran and barge.
 8th } Adjustment and completion of equipments.
- 9th } Construction of catamaran and barge.
 Set-up of Slave-stations C, D and E.
 Slave stations A and B should be used for complementary services
 Mounting : catamaran on 10th Nov.
 and launch : barge on 12th Nov.
 12th } All the preparatory works for the programme have been completed on 12th Nov.
- 13th } Sub-bottom Profiling
 22th } & Echo-Sounding.
- 23th }
 30th } Sampling of the lake floor sediments.

- Dec. 1st 1981 Remove equipments from Survey-catamaran and barge.
Packing equipments.
Disconnect catamaran.
- 2nd Packing equipments.
- 3rd Transportation of equipments to Tuhunggango shore.
- 6th N. TSUKAHARA, Y. AKAZAWA, F. AKIMOTO and M. KONDO left TeNggano and arrived in Tingoa.
THOMAS E left Honiara.
- 7th N. TSUKAHARA, Y. AKAZAWA, F. AKIMOTO and M. KONDO left Tingoa and arrived in Honiara.
THOMAS E arrived in Tuhunggango and all the equipments were loaded on THOMAS E.
- 8th A. SUGIYAMA, S. SASAKI and Geology Members left Tuhunggango on THOMAS E.
- 9th THOMAS E arrived in Honiara and equipments were disembarked.
H. MUKAI, JICA, arrived in Honiara from Japan.
- 10th Packing of equipments to be sent to Japan.
F. AKIMOTO, M. KONDO left Honiara.
- 11th N. TSUKAHARA produced INTERIM REPORT on the major results of the Lake TeNggano Project, attended by Messrs. S. KUROSAWA and H. MUKAI, to Messrs. F.I. COULSON and S. DANITOFEA.
Packing of equipments.
Reimbursement Preparation.
- 12th
- 13th
- 14th N. TSUKAHARA produced the major results of the Lake TeNggano Project to the main staff of Geology Division, Ministry of Land, Energy and Natural Resources.
Preparatory works of sending equipments to Japan.
- 15th N. TSUKAHARA, A. SUGIYAMA, Y. AKAZAWA, S. SASAKI and H. MUKAI (JICA) left Honiara.



660^k

665^k

670^k

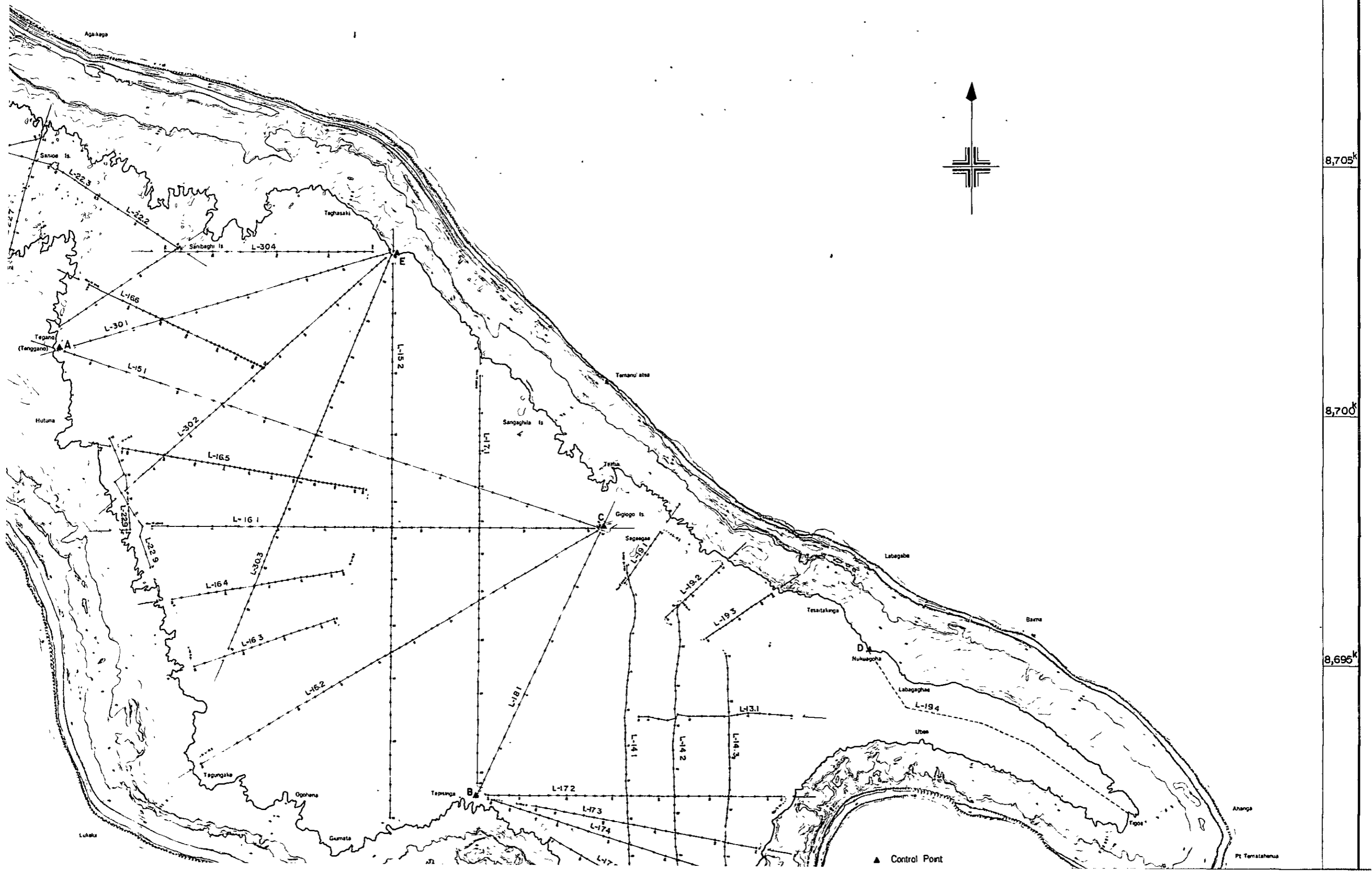
675^k

680^k

8,705^k

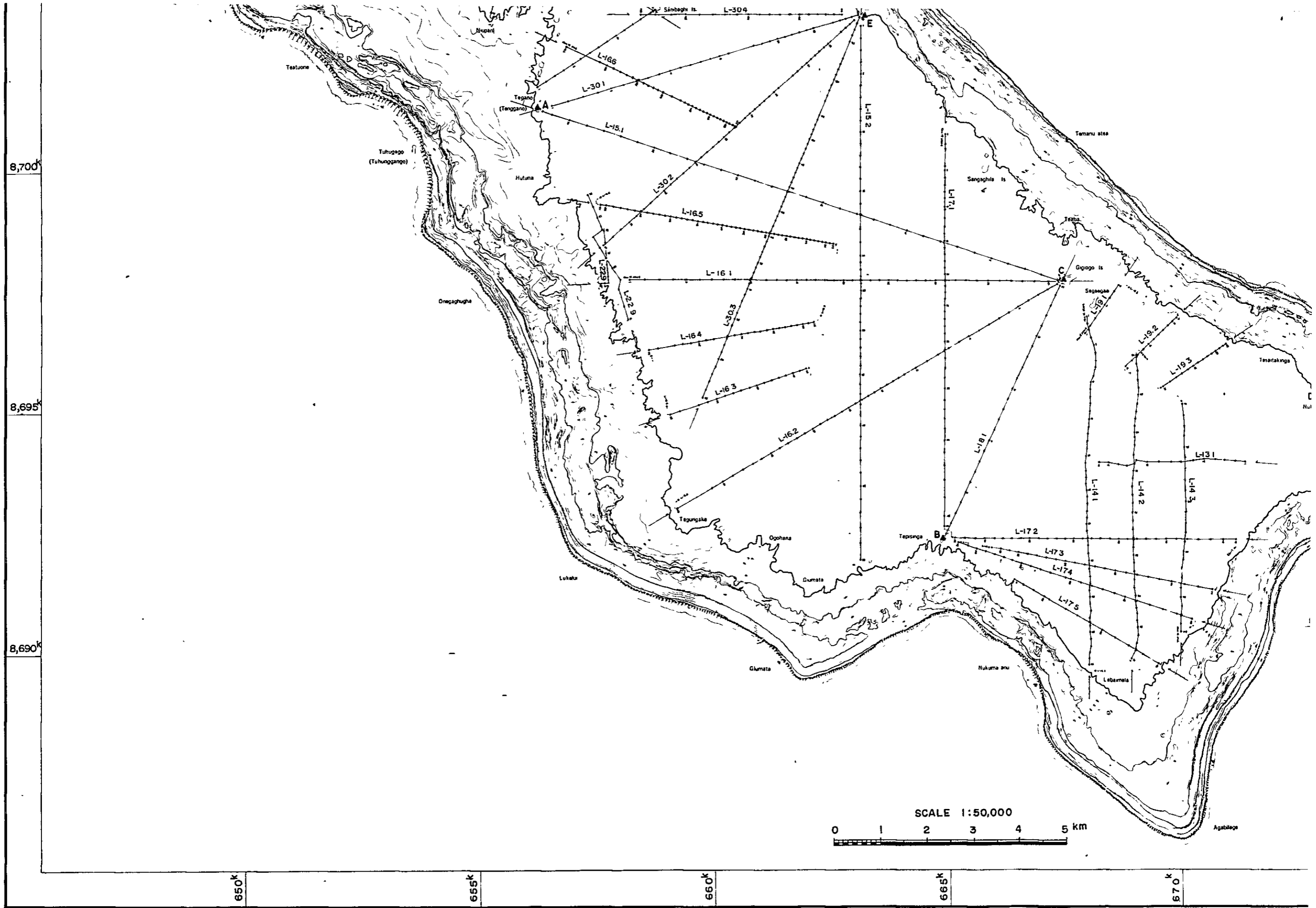
8,700^k

8,695^k



▲ Control Point

Pt Ternatahau



SCALE 1:50,000



8,700k

8,695k

8,690k

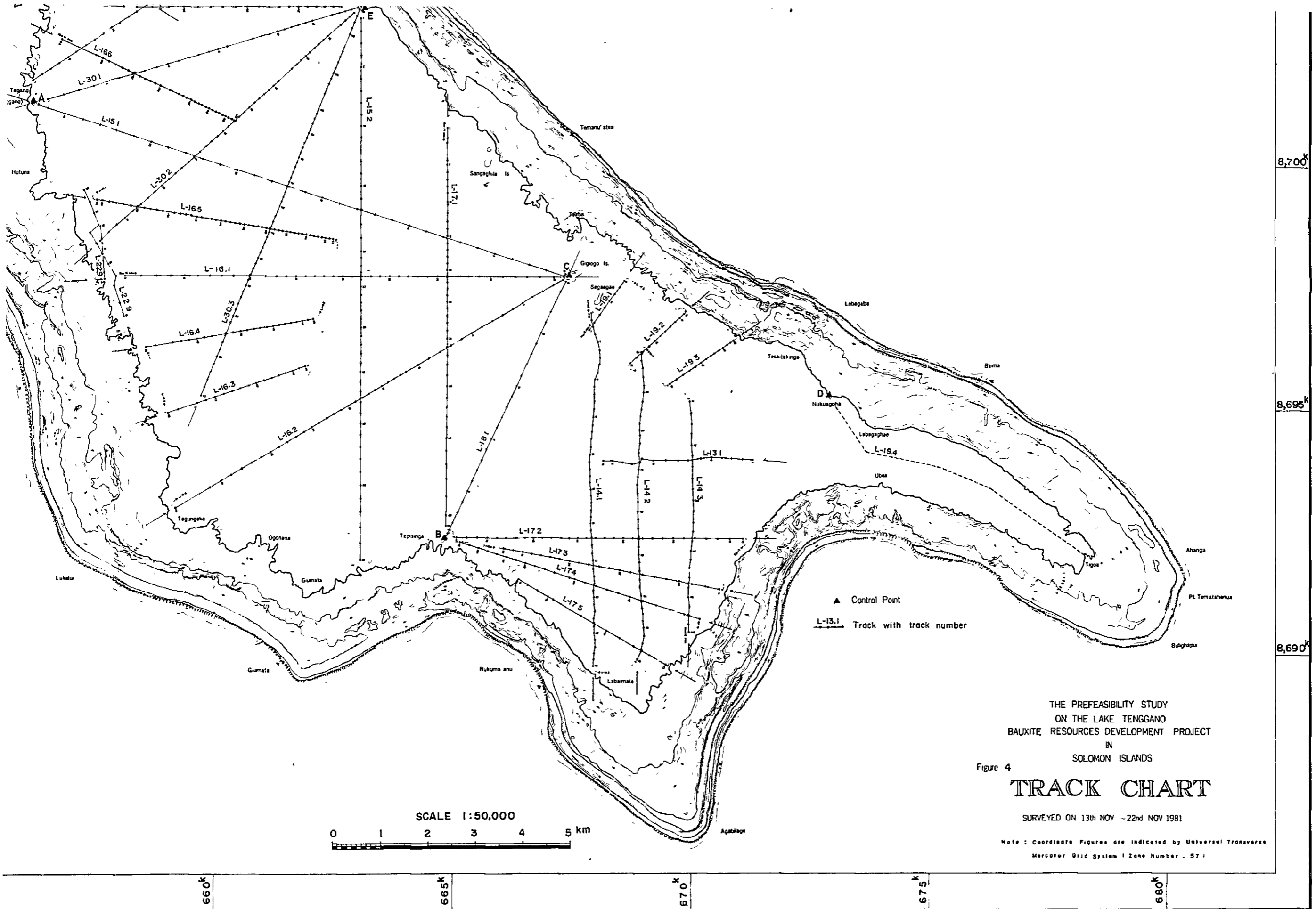
650k

655k

660k

665k

670k



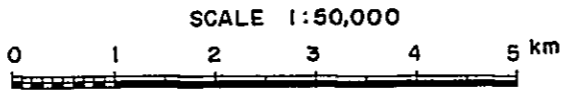
THE PREFEASIBILITY STUDY
 ON THE LAKE TENGGANO
 BAUXITE RESOURCES DEVELOPMENT PROJECT
 IN
 SOLOMON ISLANDS

Figure 4

TRACK CHART

SURVEYED ON 13th NOV - 22nd NOV 1981

Note: Coordinate Figures are indicated by Universal Transverse
 Mercator Grid System 1 Zone Number 571



8,700'

8,695'

8,690'

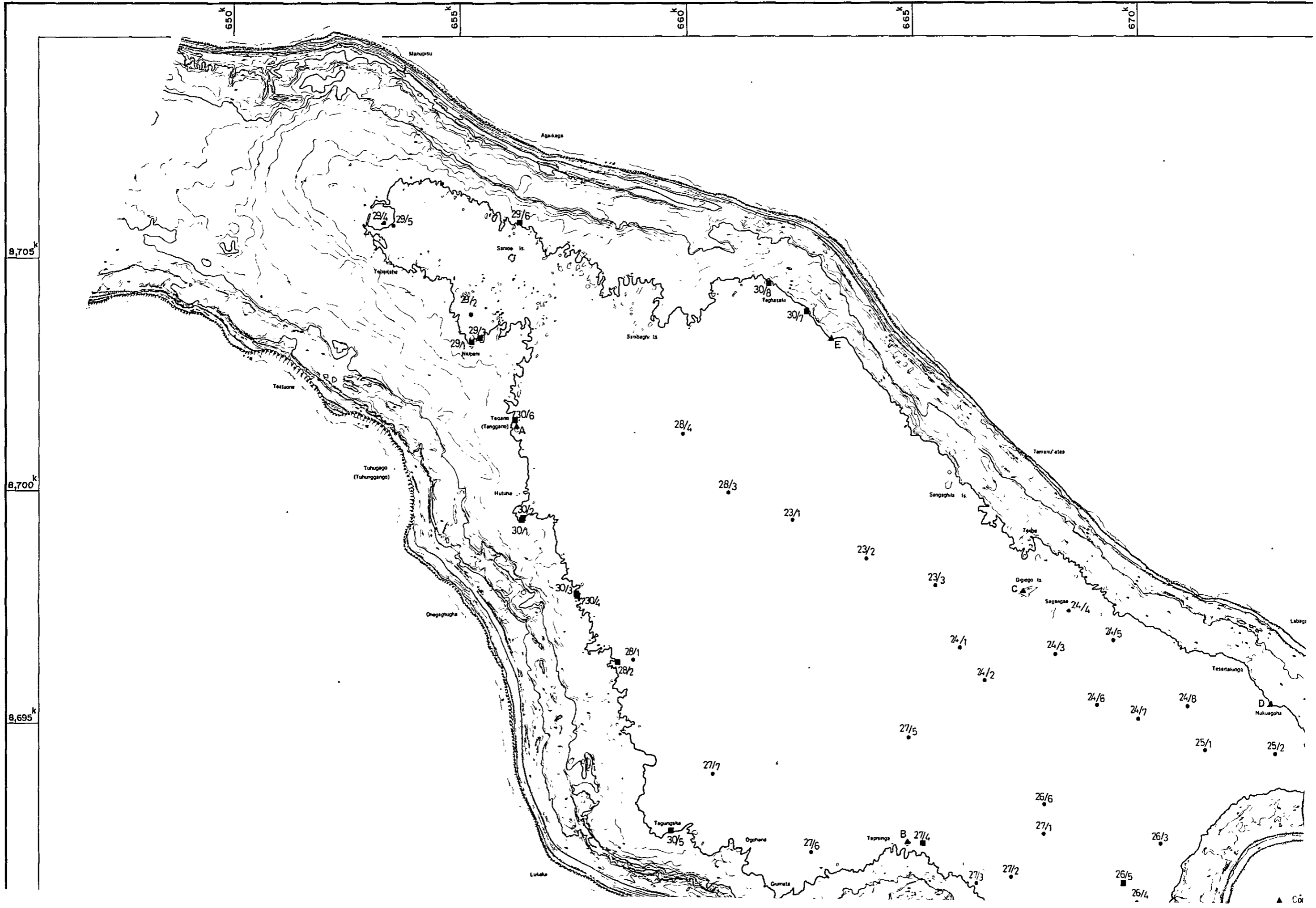
660'

665'

670'

675'

680'



8,705^k

8,700^k

8,695^k

650^k

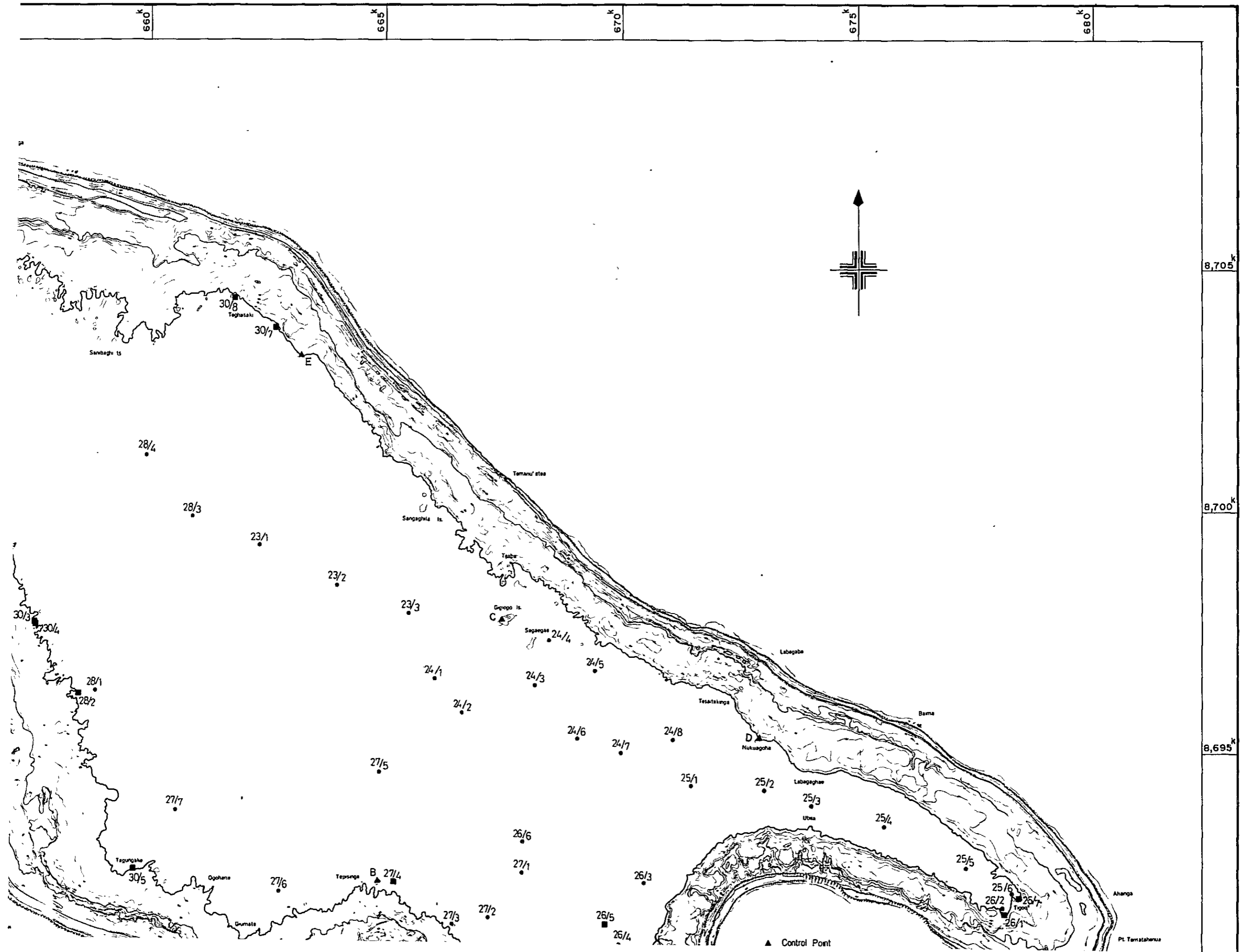
655^k

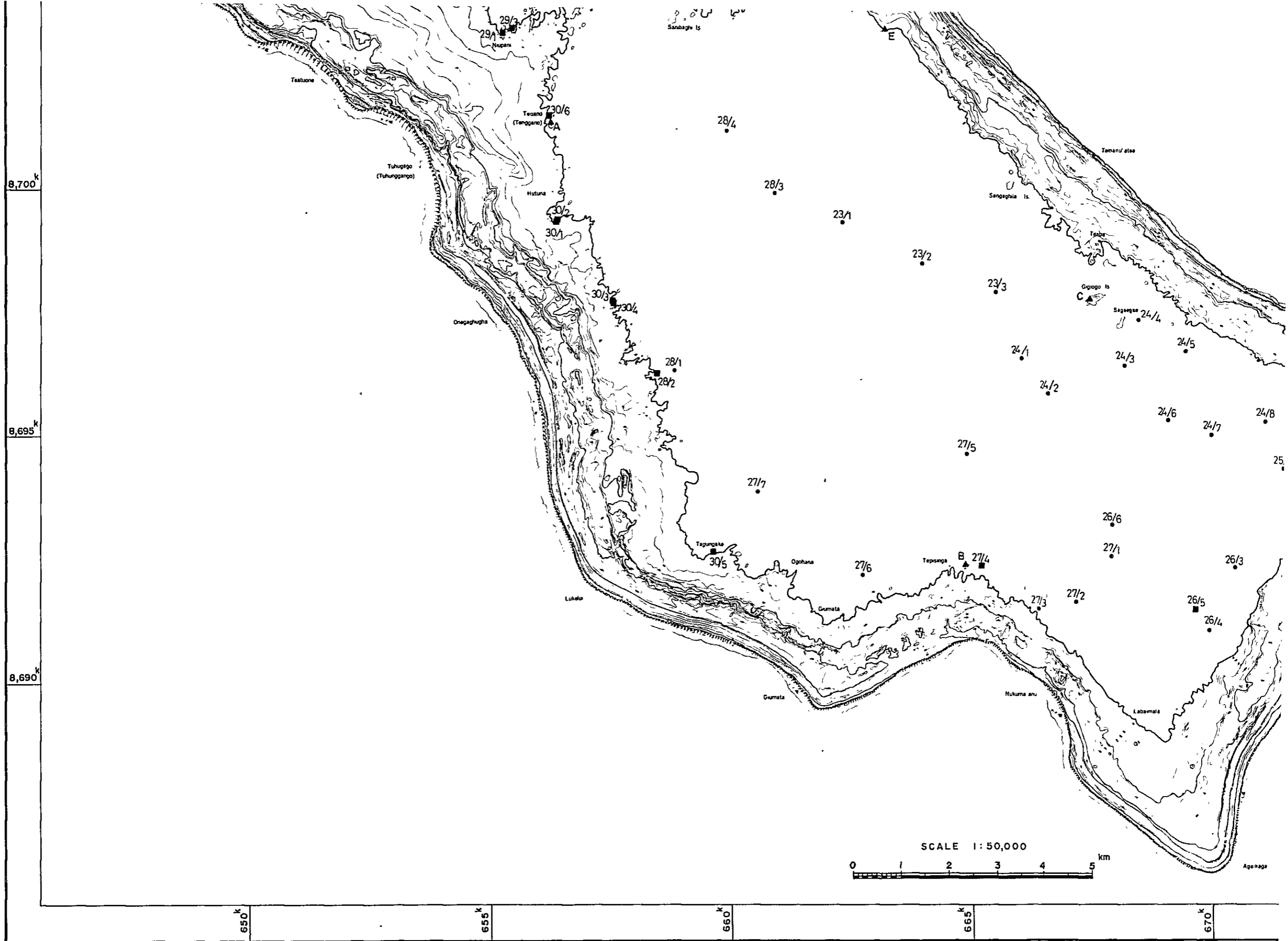
660^k

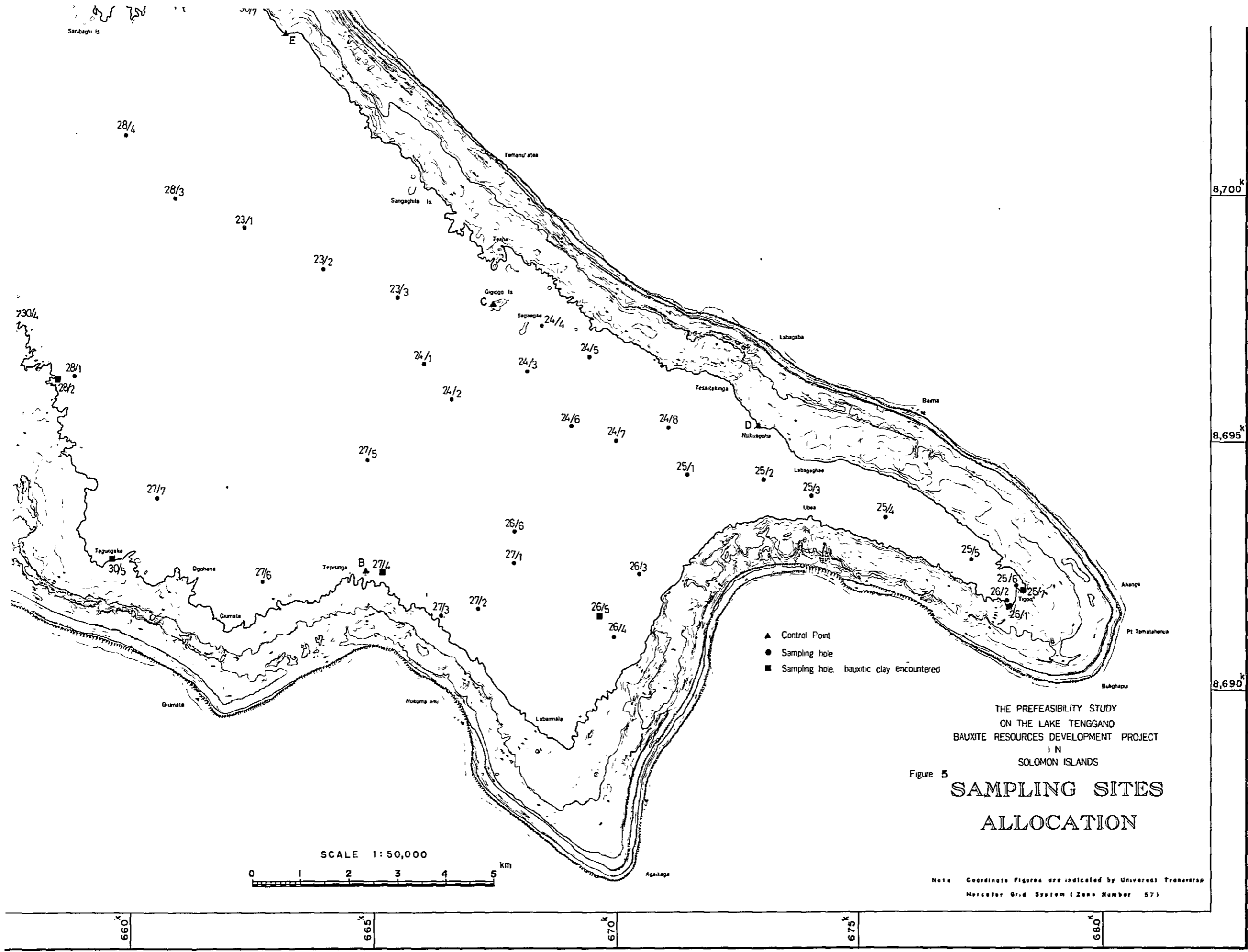
665^k

670^k

▲ C





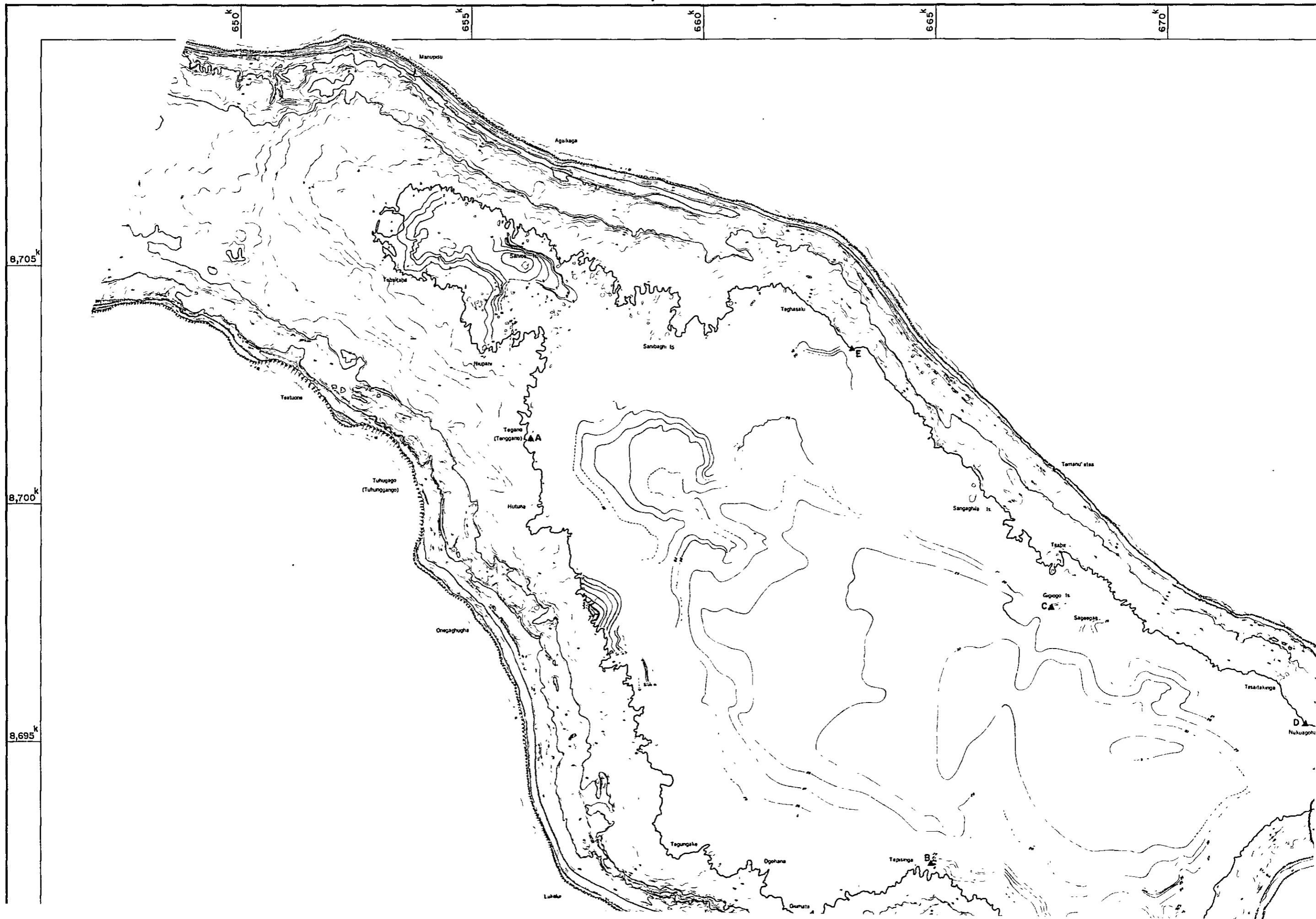


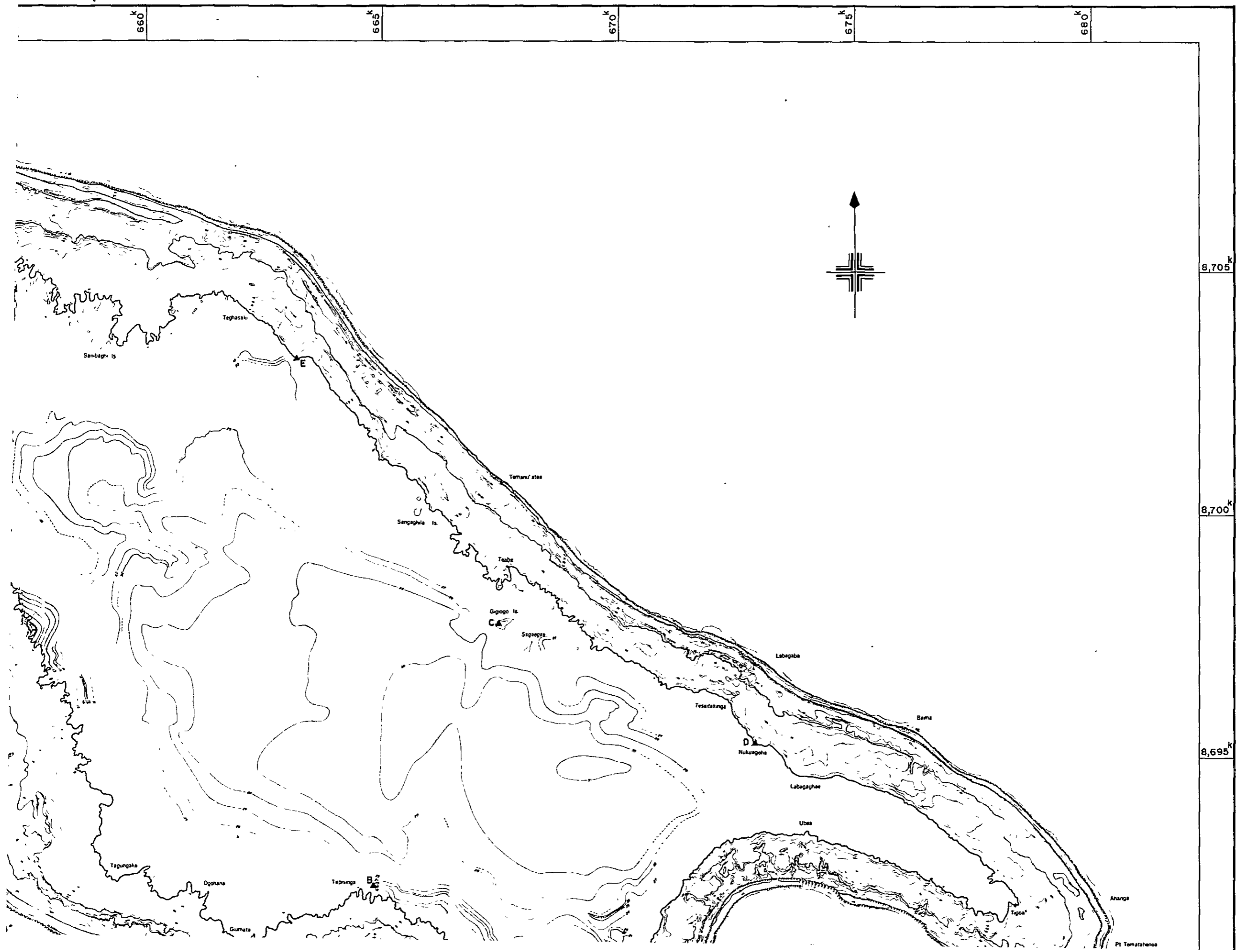
THE PREFEASIBILITY STUDY
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 BAUXITE RESOURCES DEVELOPMENT PROJECT
 IN
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Figure 5
**SAMPLING SITES
 ALLOCATION**

Note: Coordinate Figures are indicated by Universal Transverse
 Mercator Grid System (Zone Number 57)

SCALE 1:50,000
 0 1 2 3 4 5 km





660^k

665^k

670^k

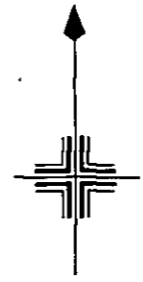
675^k

680^k

8,705^k

8,700^k

8,695^k



Sambagri Is.

Teghasaki

E

Temanu' ataa

Sangagula Is.

Teabze

Gogogo Is.

C

Sogogora

Labegaba

Tesedakaga

Nukugaha

D

Bama

Labegaghar

Ubae

Tapungaha

Oghana

Tebrunga

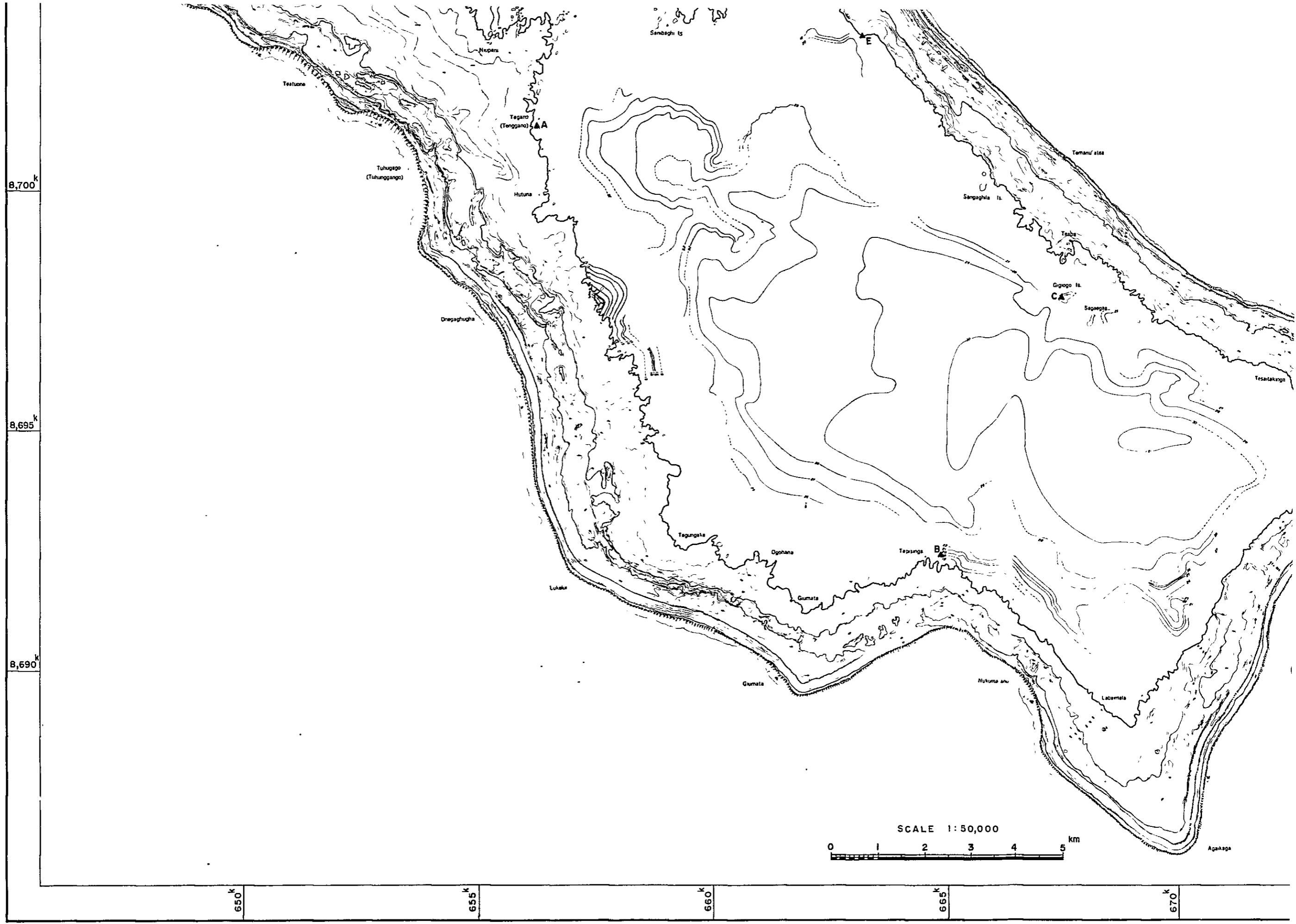
B

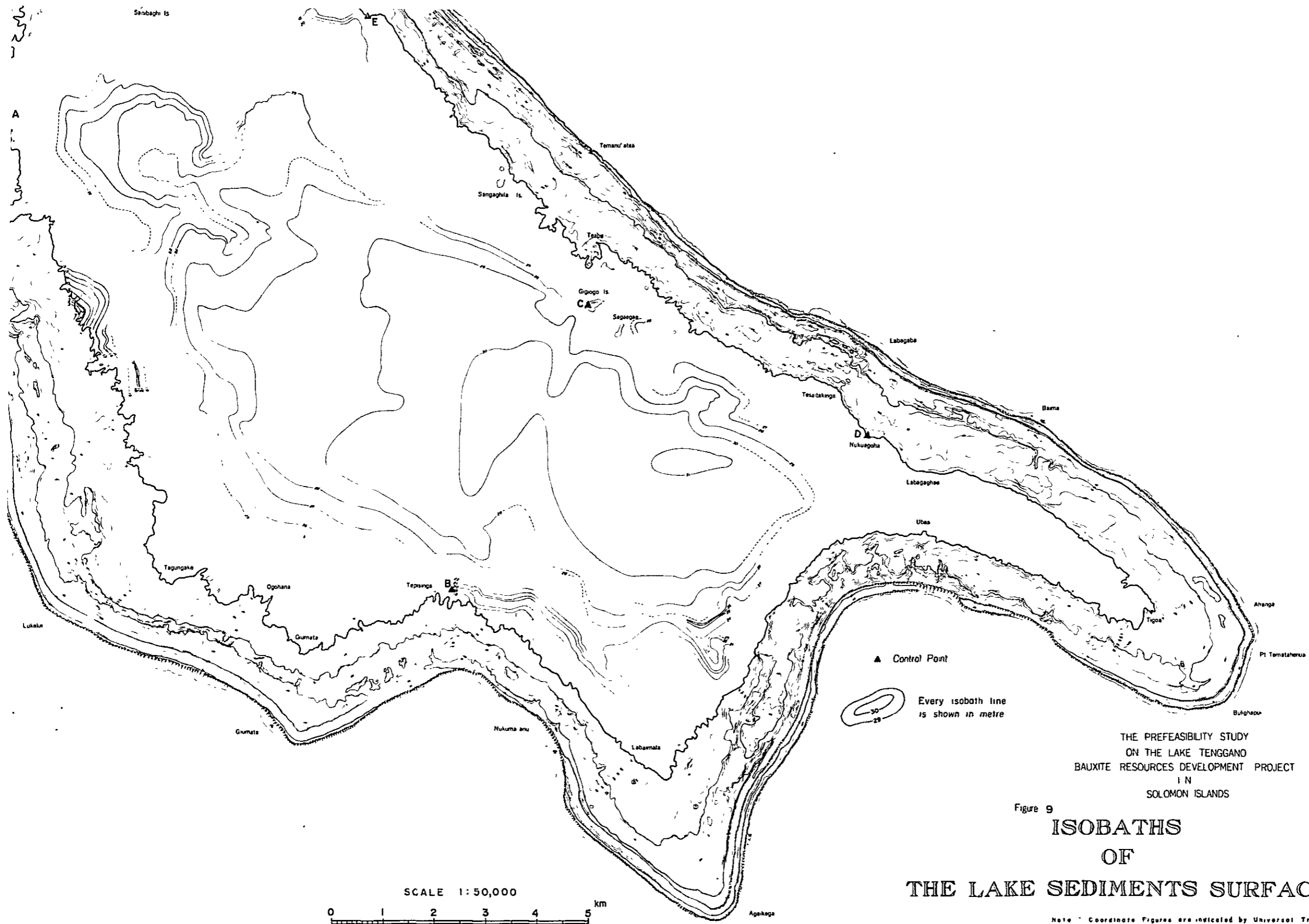
Gumata

Ananga

Tepoa

Pt Tomatanua

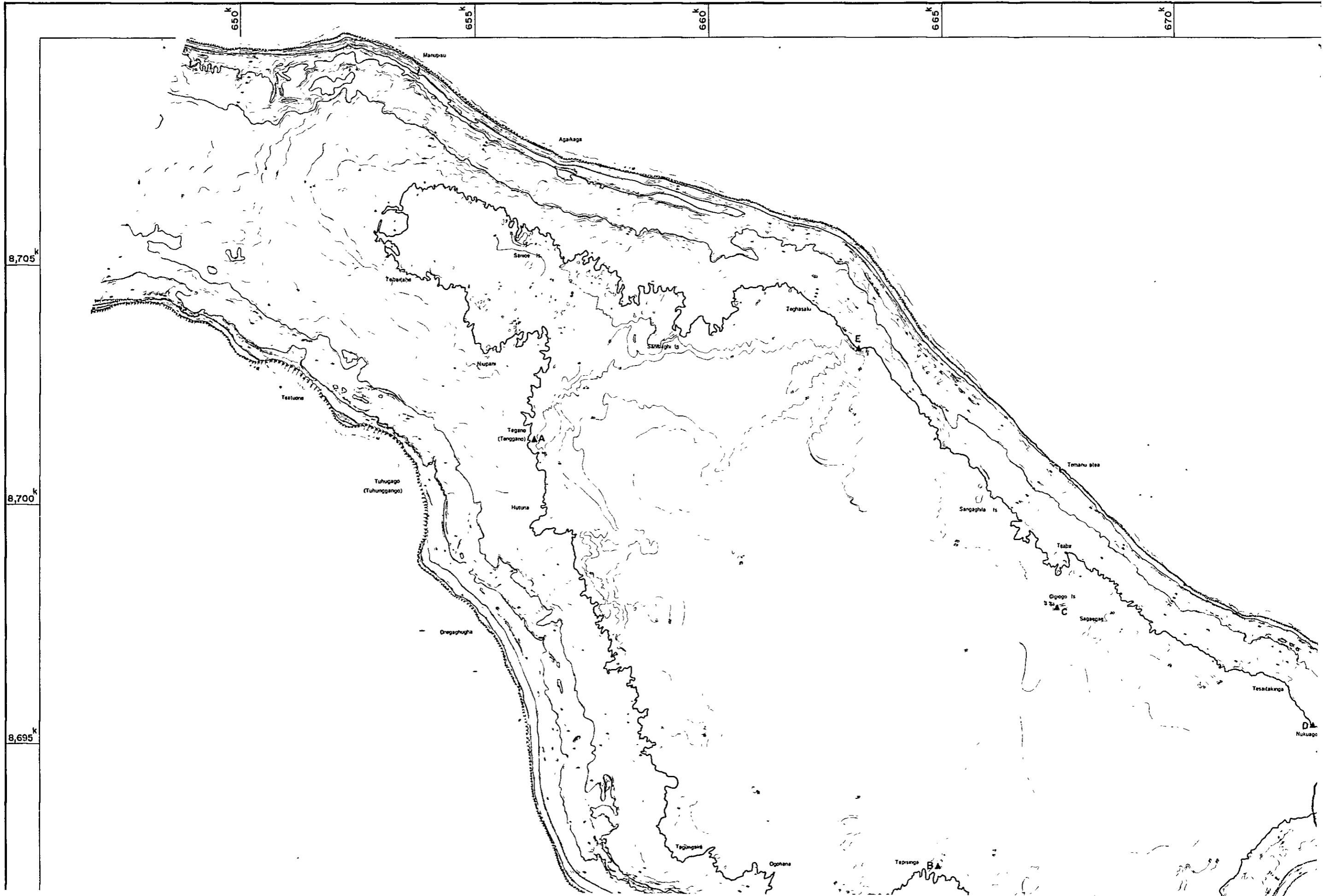


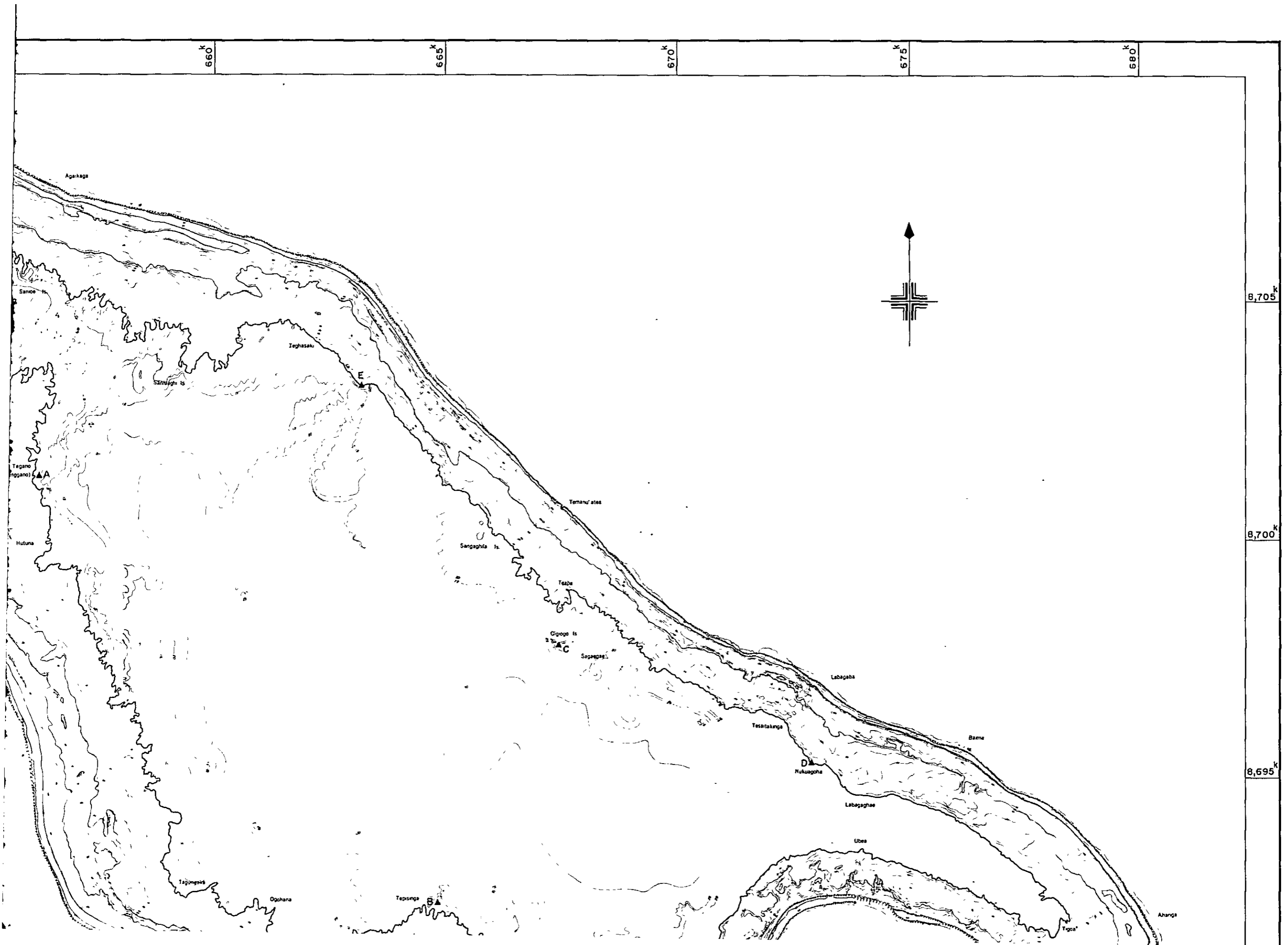


THE PREFEASIBILITY STUDY
 ON THE LAKE TENGGANO
 BAUXITE RESOURCES DEVELOPMENT PROJECT
 IN
 SOLOMON ISLANDS

Figure 9
**ISOBATHS
 OF
 THE LAKE SEDIMENTS SURFACE**

Note: Coordinate figures are indicated by Universal Transverse
 Mercator Grid System (Zone Number: 57)





660^k

665^k

670^k

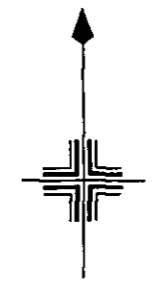
675^k

680^k

8,705^k

8,700^k

8,695^k



Apakaga

Sanoa

Teghasaku

Sauvaga Is.

Tegano (Togano)

Hutuna

Tapungohi

Opuhana

Tepsinga

Sangahila Is.

Gigoo Is.

Segagaa

Teaba

Temanu'atea

Labagaba

Tesitakaga

Nukuagaha

Labagahae

Bama

Ubea

Ahanga

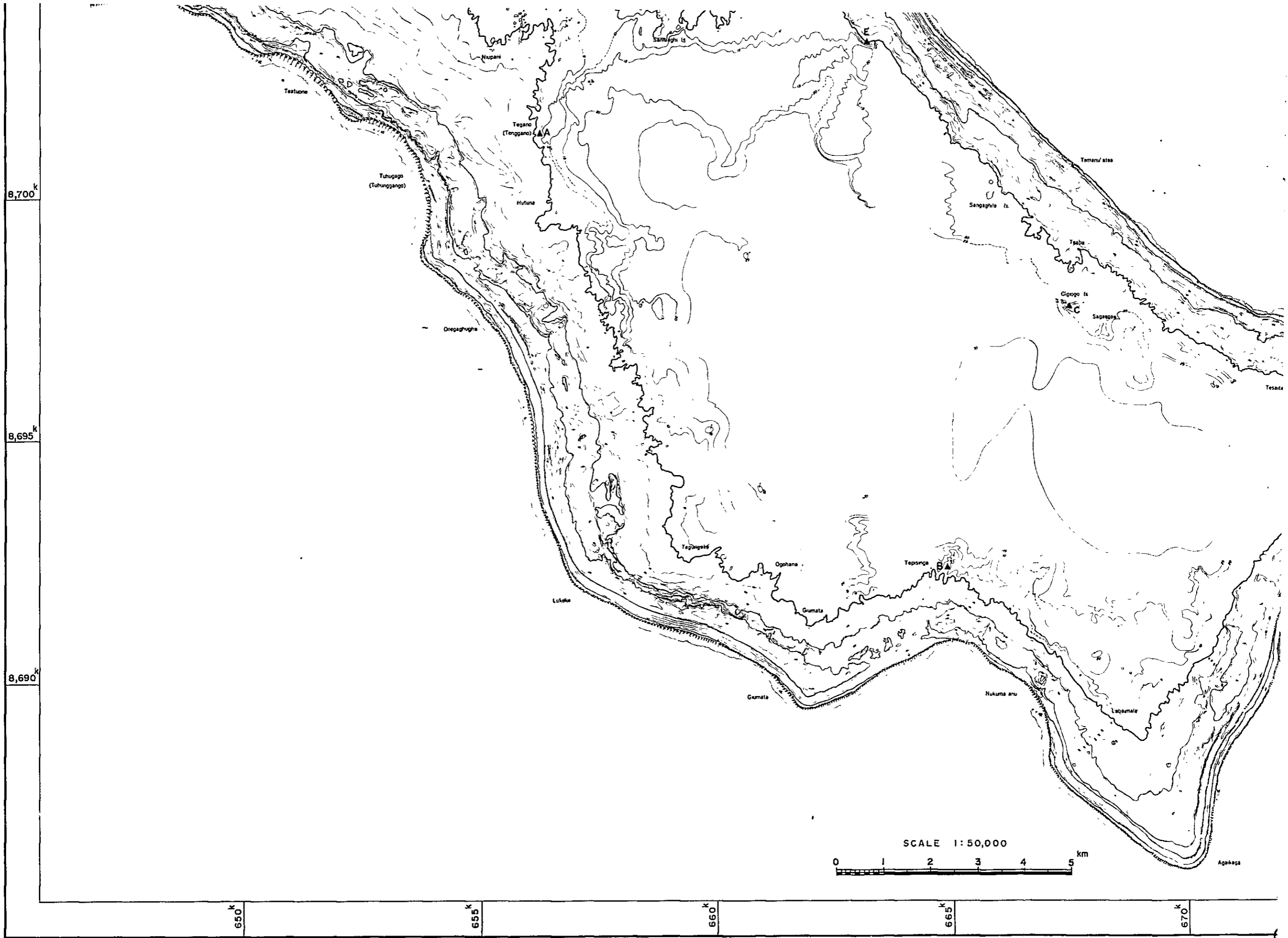
Tigoa

A

B

C

D



8,700^k

8,695^k

8,690^k

650^k

655^k

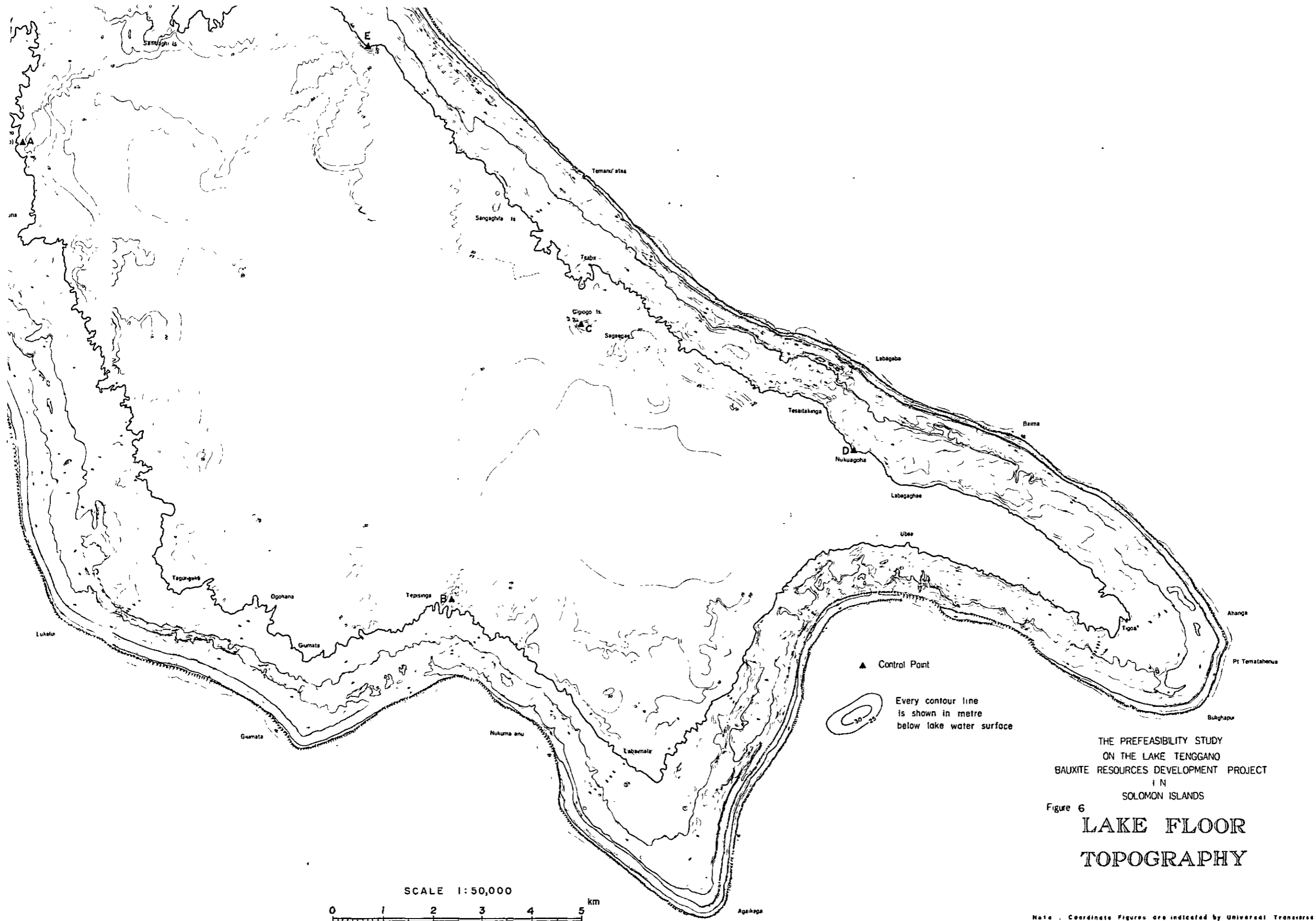
660^k

665^k

670^k

SCALE 1:50,000

0 1 2 3 4 5 km



8,700^k

8,695^k

8,690^k

THE PREFEASIBILITY STUDY
ON THE LAKE TENGGANO
BAUXITE RESOURCES DEVELOPMENT PROJECT
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Figure 6
**LAKE FLOOR
TOPOGRAPHY**

Note: Coordinate Figures are indicated by Universal Transverse
Mercator Grid System (Zone Number - 57)

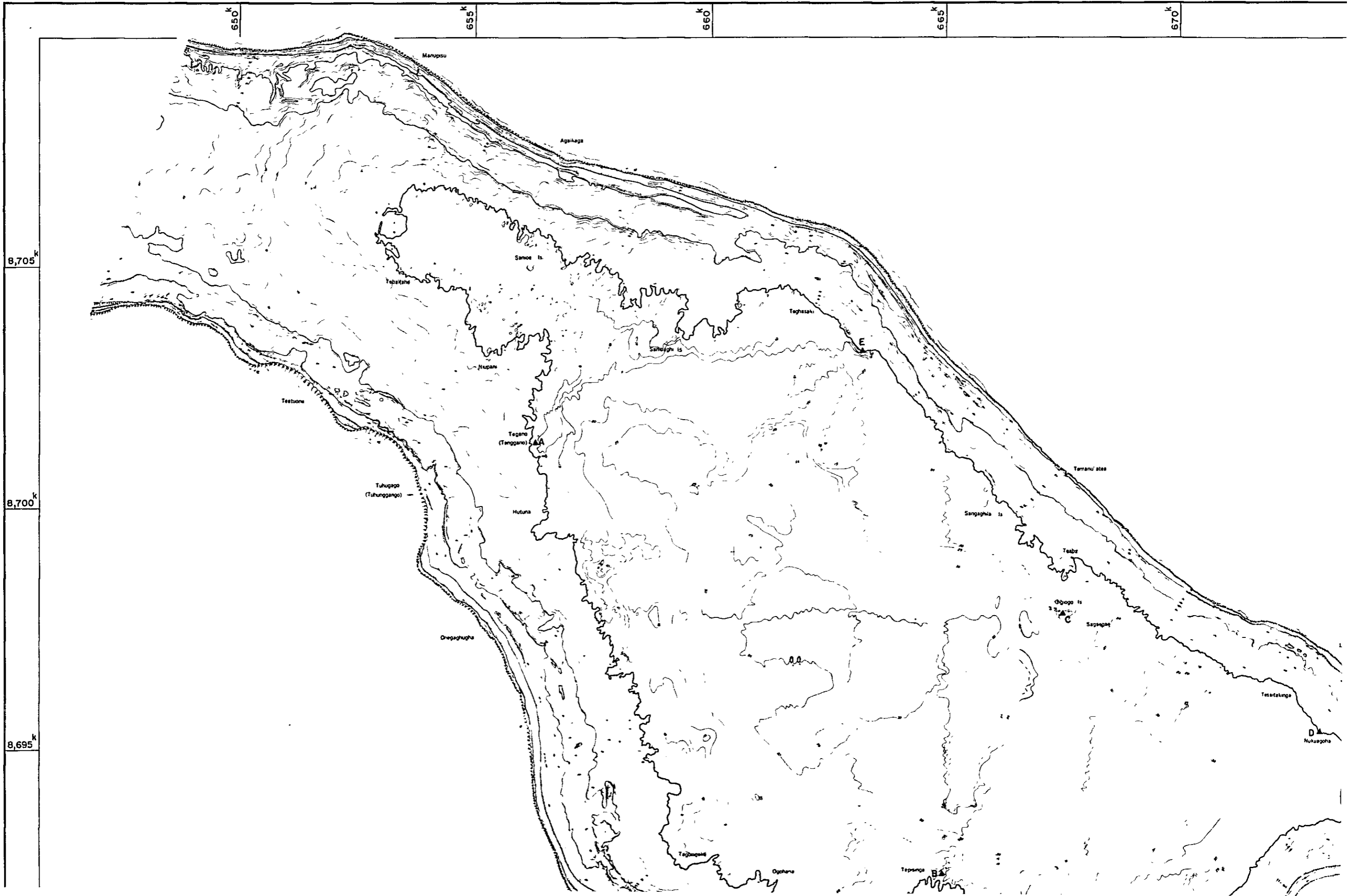
660^k

665^k

670^k

675^k

680^k



650^k

655^k

660^k

665^k

670^k

8,705^k

8,700^k

8,695^k

Manupisu

Agakaga

Samoe Is.

Tebasaki

Sangaha Is.

Nupani

Tegano
(Tengano)

Mufuna

Teabone

Tuhupaga
(Tuhungano)

Drogahuga

Sangaha Is.

Teabr

Ohogo Is.

Sagapae

Tesafataga

Huhugona

Tegapae

Opohane

Tepanga

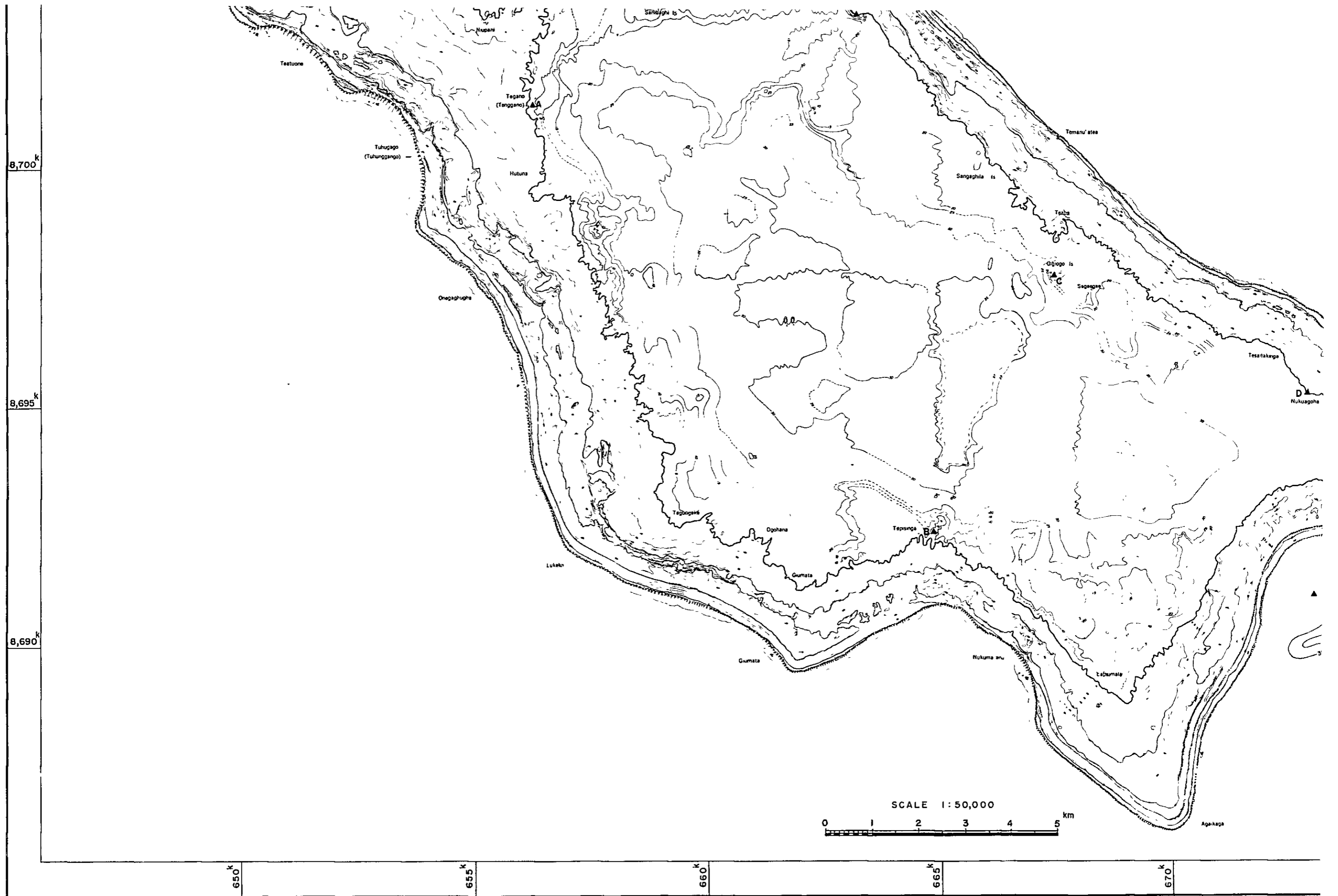
655^k 660^k 665^k 670^k 675^k 680^k

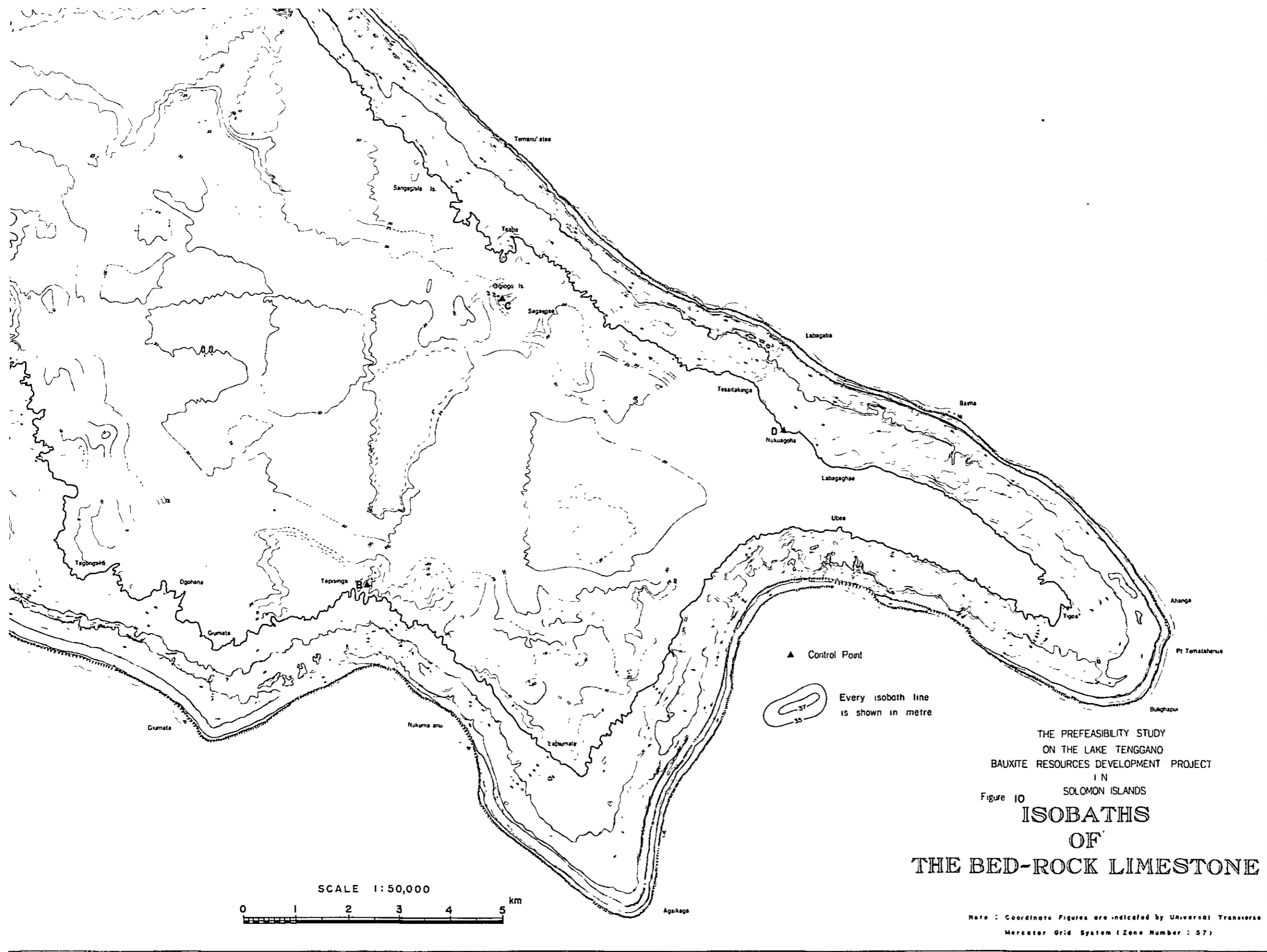


8,705^k

8,700^k

8,695^k





THE PREFEASIBILITY STUDY
 ON THE LAKE TENGGANO
 BAUXITE RESOURCES DEVELOPMENT PROJECT
 IN
 SOLOMON ISLANDS
 Figure 10
**ISOBATHS
 OF
 THE BED-ROCK LIMESTONE**

Note : Coordinate Figures are indicated by Universal Transverse
 Mercator Grid System (Zone Number : 57)

SCALE 1:50,000
 0 1 2 3 4 5 km

660^k

665^k

670^k

675^k

680^k

8,700^k

8,695^k

8,690^k