

付図 4-4

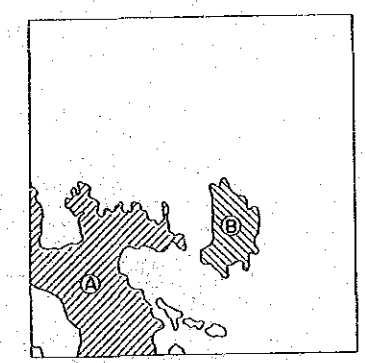
フィリピン共和国
 鉱物資源基本図調査
 第1年次
 編集地質

国際協力事業団
 15153
 図書資料室蔵書

昭和60年6月(第1版)
 国際協力事業団
 金属鉱業事業団

Scale 1 : 250,000

LEGEND



Ⓐ Compiled from Geological Map of Dical Region (1:250,000) by DMG Regional Office W.

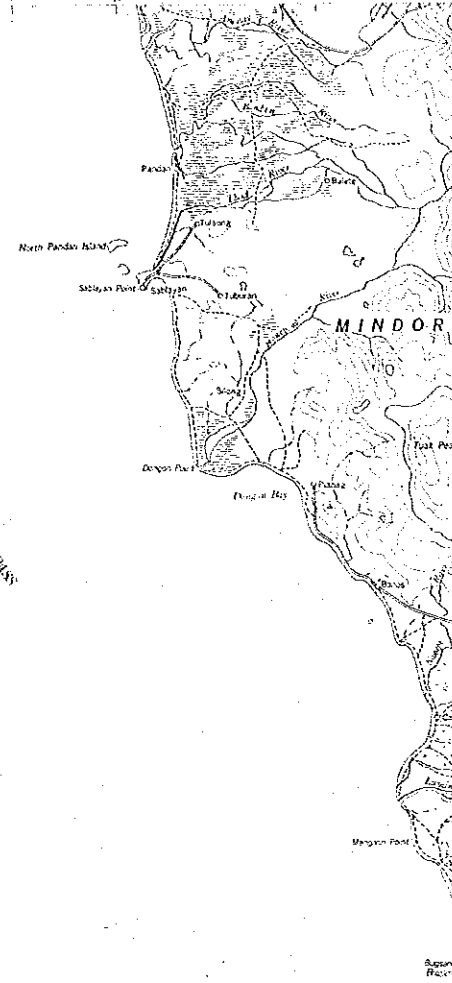
Ⓑ Compiled from Geologic Map Quadrangles of Sheet No. 3060-I, W, 3081-I, II, III, W, 3062-II.

SEDIMENTARY ROCKS		IGNEOUS & METAMORPHIC ROCKS	
RECENT		Granite	
PLEISTOCENE		Andesite	
PLIOCENE		Diorite	
UPPER MIOCENE		Gabbro	
MIDDLE MIOCENE		Basalt	
LOWER MIOCENE		Basalt	
OLIGOCENE		Basalt	
Eocene		Basalt	
PALEOCENE		Basalt	
CRETACEOUS		Basalt	
PRE-CRETACEOUS		Basalt	

170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990

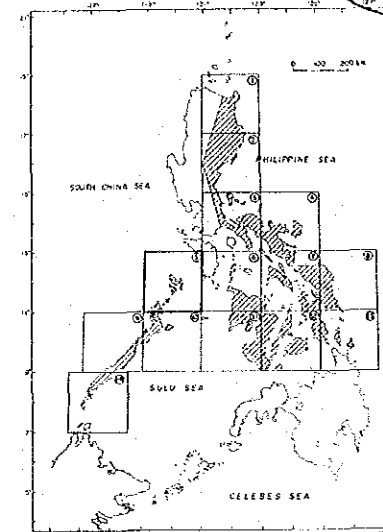


L U Z O N S E A



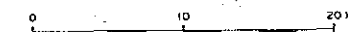
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LEGEND

STRATIFIED ROCKS

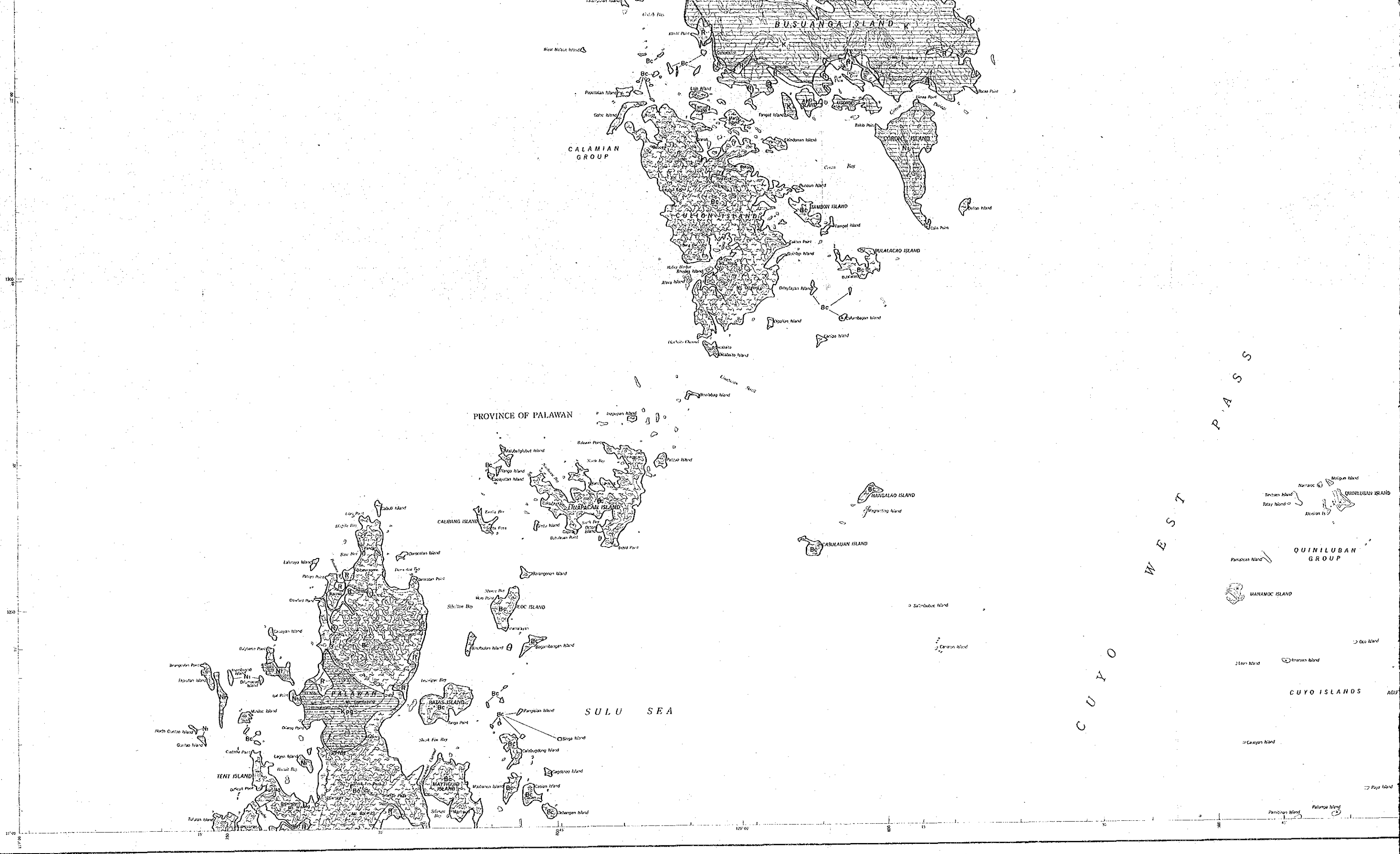
- Recent
 - R Alluvium and beach deposits
 - R Coral reefs
- Pliocene-Pleistocene
 - N₃ + Q₁ Marine and terrestrial sediments associated with extensive reef limestone and sporadic terrace gravel deposits.
- Upper Miocene
 - N₂ Largely marine clastics and dacite and/or andesite flows, generally with pyroclastics. Associated with silty limestone.
- Lower-Middle Miocene
 - N₁ Conglomerate, wackes, shale and reef limestone, associated with basic to intermediate flows and pyroclastics.
 - N₁ Limestone.
- Paleocene-Eocene
 - Pg Marine deposits, largely wackes and shale, associated with minor basalt, conglomerate, reef limestone and calcarenite, sometimes with dacitic and/or andesitic flows and pyroclastics.
- Cretaceous-Paleogene
 - Kpg Undifferentiated graywackes and metamorphosed shale with siltite, basic flows and pyroclastics.
- Cretaceous
 - K Extensive, transgressive graywackes and shale, intercalated with siltites. Associated with tuffaceous clastics and limestone.
- Basement Complex
 - Bc Undifferentiated schist and quartzite.

INTRUSIVE ROCKS

- Neogene
 - N₁ Quartz diorite, granodiorite and andesite porphyry.
- Cretaceous-Paleogene
 - Ug₁ Ultramafic and mafic plutonic rocks, generally thrust or upfaulted.

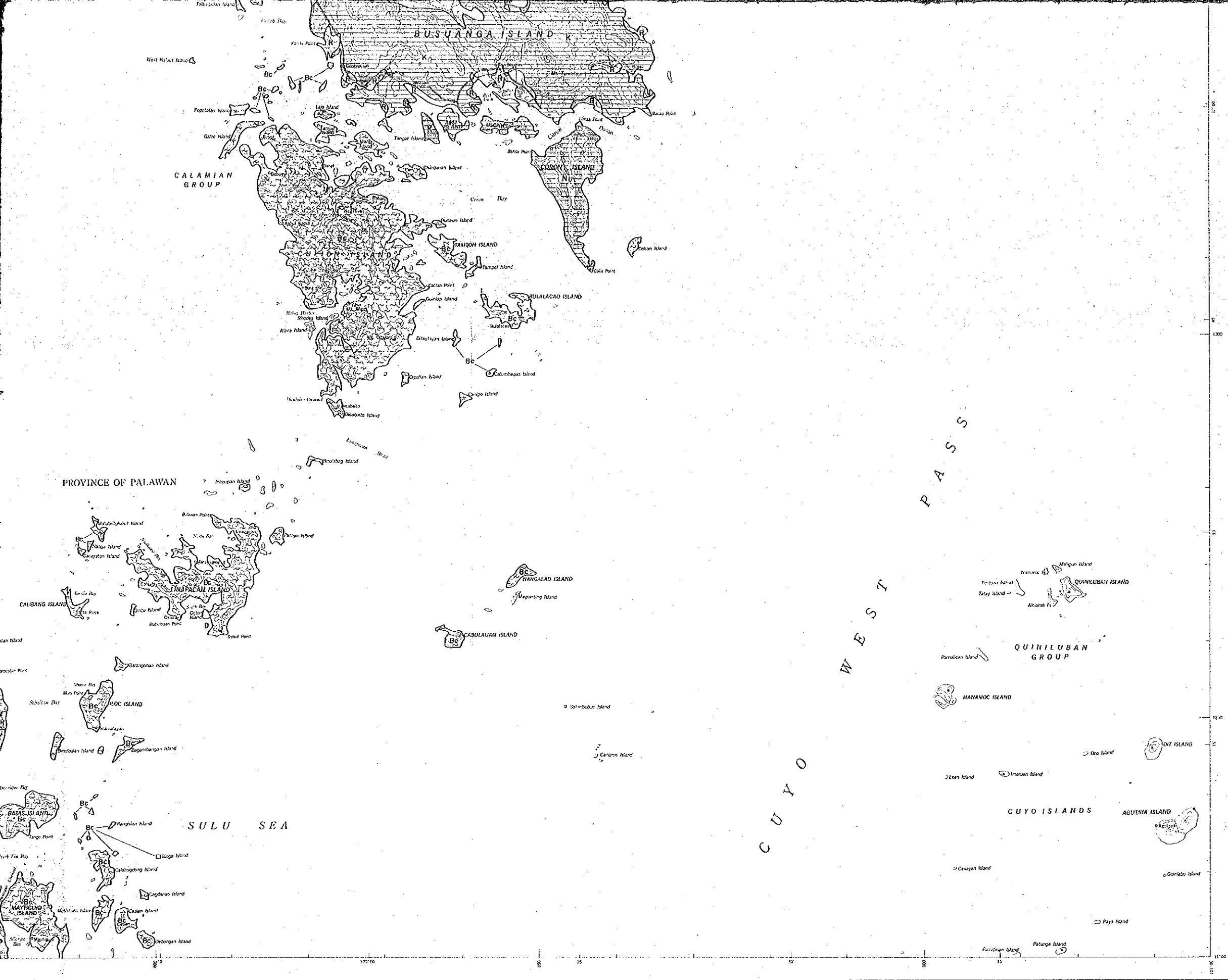
GEOLOGIC SYMBOLS





LEGEND

Capital city	● MANILA	Sea depth in fathoms	100
City rank of 1st class	⊙ BATAVIA	Horizontal contour lines	50
City rank of 2nd class	⊙ MALLOS	Vertical contour lines	10
City rank of 3rd class	○ WAKO	Spot 250	10
City rank of 4th class	○ GOROK	Spot 100	10
City rank of 5th class	○ MALLOS	Spot 50	10
City rank of 6th class	○ MALLOS	Spot 25	10
City rank of 7th class	○ MALLOS	Spot 10	10
City rank of 8th class	○ MALLOS	Spot 5	10
City rank of 9th class	○ MALLOS	Spot 2	10
City rank of 10th class	○ MALLOS	Spot 1	10
City rank of 11th class	○ MALLOS	Spot 0.5	10
City rank of 12th class	○ MALLOS	Spot 0.2	10
City rank of 13th class	○ MALLOS	Spot 0.1	10
City rank of 14th class	○ MALLOS	Spot 0.05	10
City rank of 15th class	○ MALLOS	Spot 0.02	10
City rank of 16th class	○ MALLOS	Spot 0.01	10
City rank of 17th class	○ MALLOS	Spot 0.005	10
City rank of 18th class	○ MALLOS	Spot 0.002	10
City rank of 19th class	○ MALLOS	Spot 0.001	10
City rank of 20th class	○ MALLOS	Spot 0.0005	10
City rank of 21st class	○ MALLOS	Spot 0.0002	10
City rank of 22nd class	○ MALLOS	Spot 0.0001	10
City rank of 23rd class	○ MALLOS	Spot 0.00005	10
City rank of 24th class	○ MALLOS	Spot 0.00002	10
City rank of 25th class	○ MALLOS	Spot 0.00001	10



Lower-Middle Miocene		Limestones.
Paleocene-Eocene		Marine deposits, largely wackes and shale, associated with minor basalt, conglomerate, reef limestone and calcarenite, sometimes with dacitic and/or andesitic flows and pyroclastics.
Cretaceous-Paleogene		Undifferentiated graywackes and metamorphosed shale with siltite, basic flows and pyroclastics.
Cretaceous		Extensive, transgressive graywackes and shale, intercalated with siltites. Associated with tuffaceous clastics and limestone.
Basement Complex		Undifferentiated schist and quartzite.

INTRUSIVE ROCKS

Neogene		Quartz diorite, granodiorite and andesite porphyry.
Cretaceous-Paleogene		Ultramafic and mafic plutonic rocks, generally thrustured or upfaulted.

GEOLOGIC SYMBOLS

- Geologic contact.
- High angle fault. Dashed where inferred; arrow indicates strike-slip movement.
- Thrust fault. Dashed where inferred; saw-teeth on overriding side.
- Anticlinal axis with plunge.
- Synclinal axis with plunge.

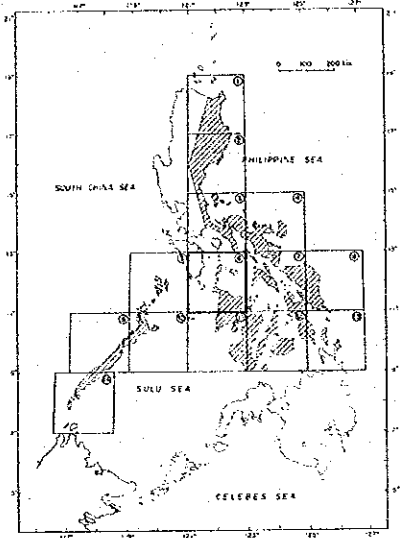
Compiled from geology and mineral resources map of Palawan province (1:250,000)

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Scale 1:250,000
0 10 20 km

LEGEND

SEDIMENTARY AND METAMORPHIC ROCKS

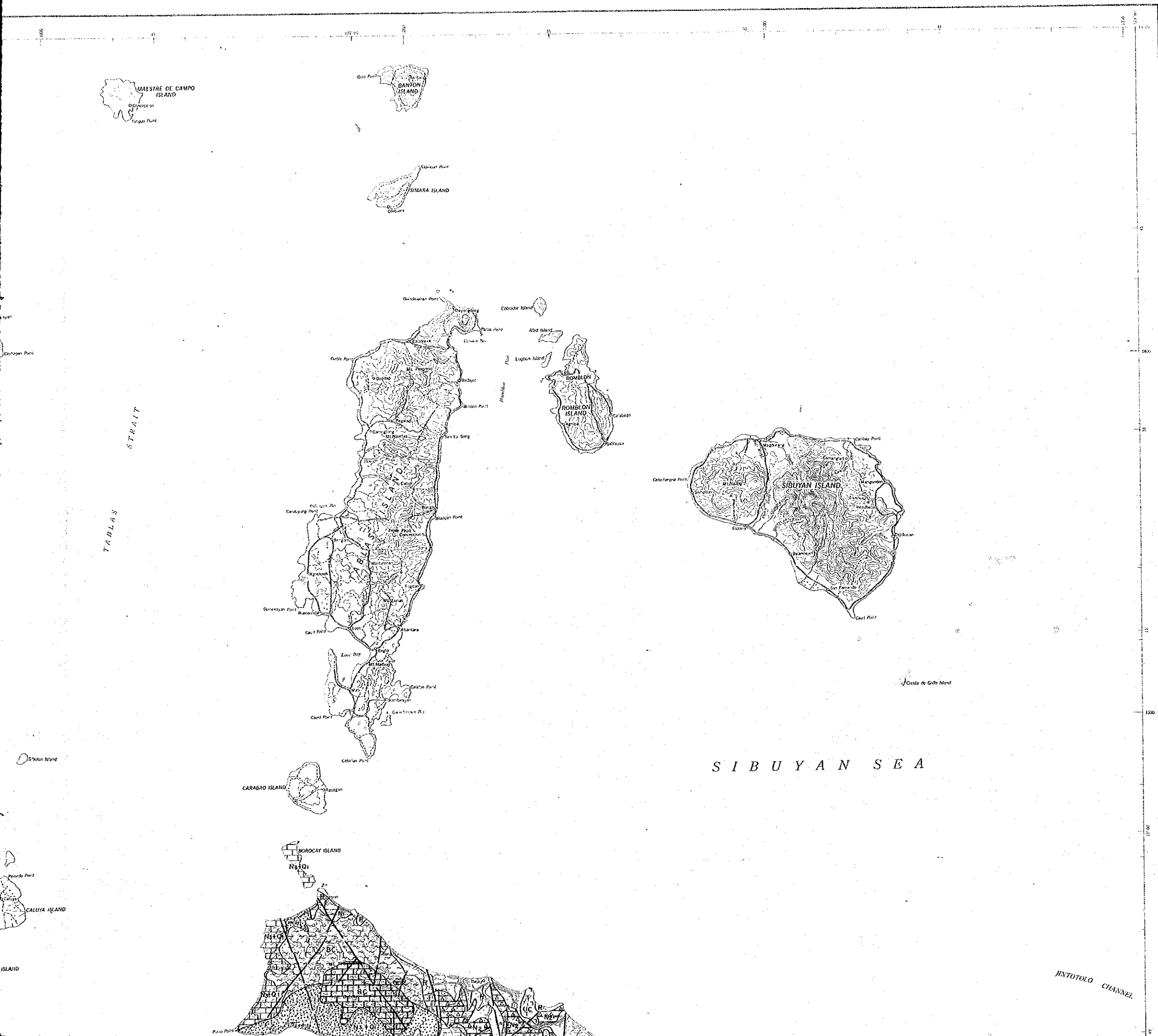
- R** Recent Alluvium, beach deposits, and raised coral reef.
- N₃+Q₁** Marine and terrestrial sediments associated with extensive reef limestone and sporadic terrace gravel deposits.
- N₃+Q₁** Pliocene-Pleistocene Limestone.
- N₂** Upper Miocene Largely marine clastic overlain by pyroclastics associated with silky limestone. Limestone.
- N₁** Lower Miocene Conglomerate, wackes, shales and reef limestone associated w/ basic to intermediate flows and pyroclastics.
- Pc** Paleocene Eocene Marine deposits, largely wackes and shales associated with minor basalt, conglomerate, reef limestone and calcarenite, sometimes w/ dacite and/or andesite flows and pyroclastics.
- K** Cretaceous Extensive, graywacke-shale sequence intercalated w/ siltites. Associated w/ tuffaceous clastic and limestone lenses.
- Bc** Basement Undifferentiated schist and quartzite.
- Bc** Limestone.

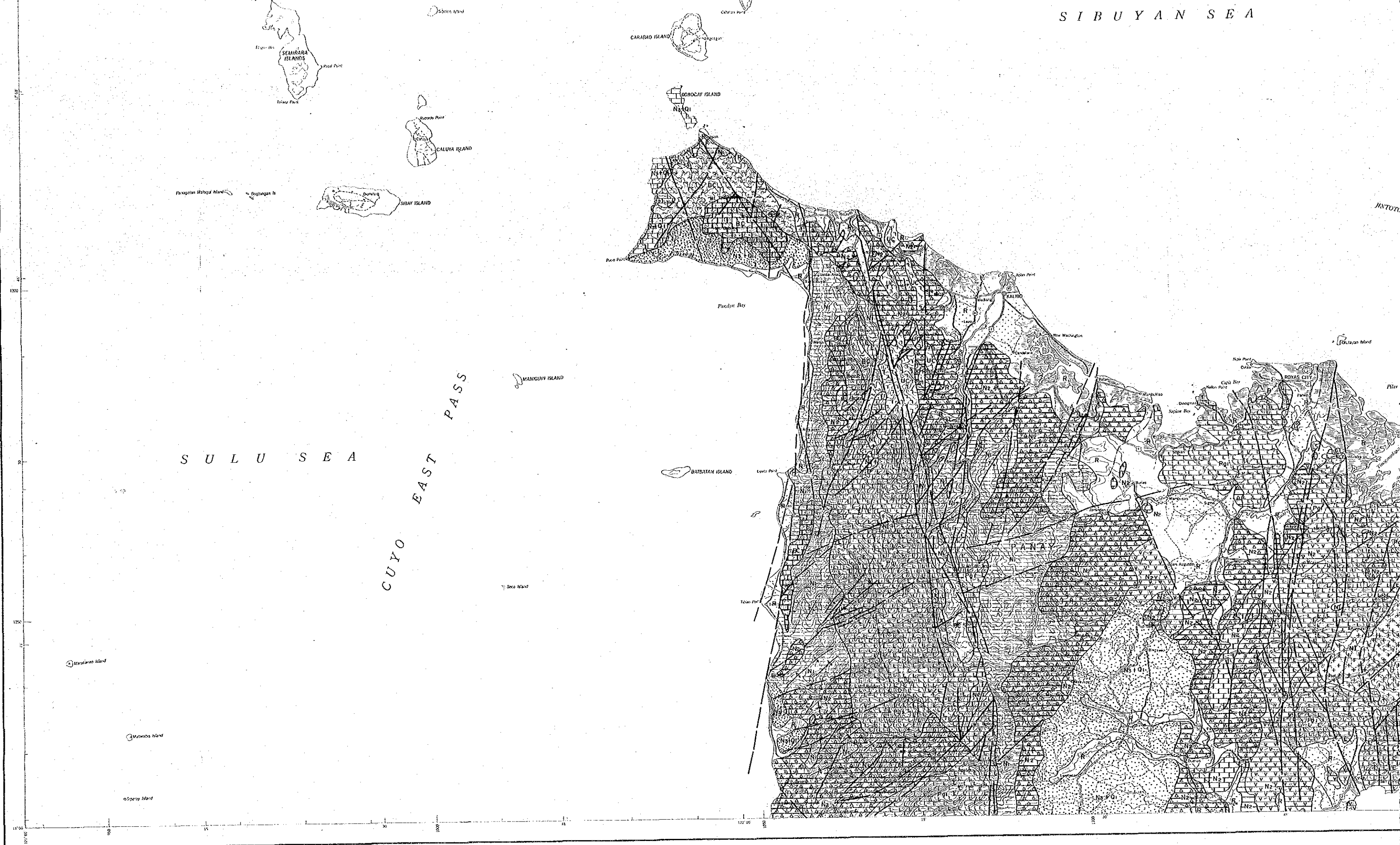
IGNEOUS ROCKS

INTRUSIVES

- N₁I₁** Neogene Quartz diorite, granodiorite and andesite porphyry.
- Uc₁** Cretaceous Ultramafic and mafic plutonic rock, generally thrust or upfaulted.

EXTRUSIVES

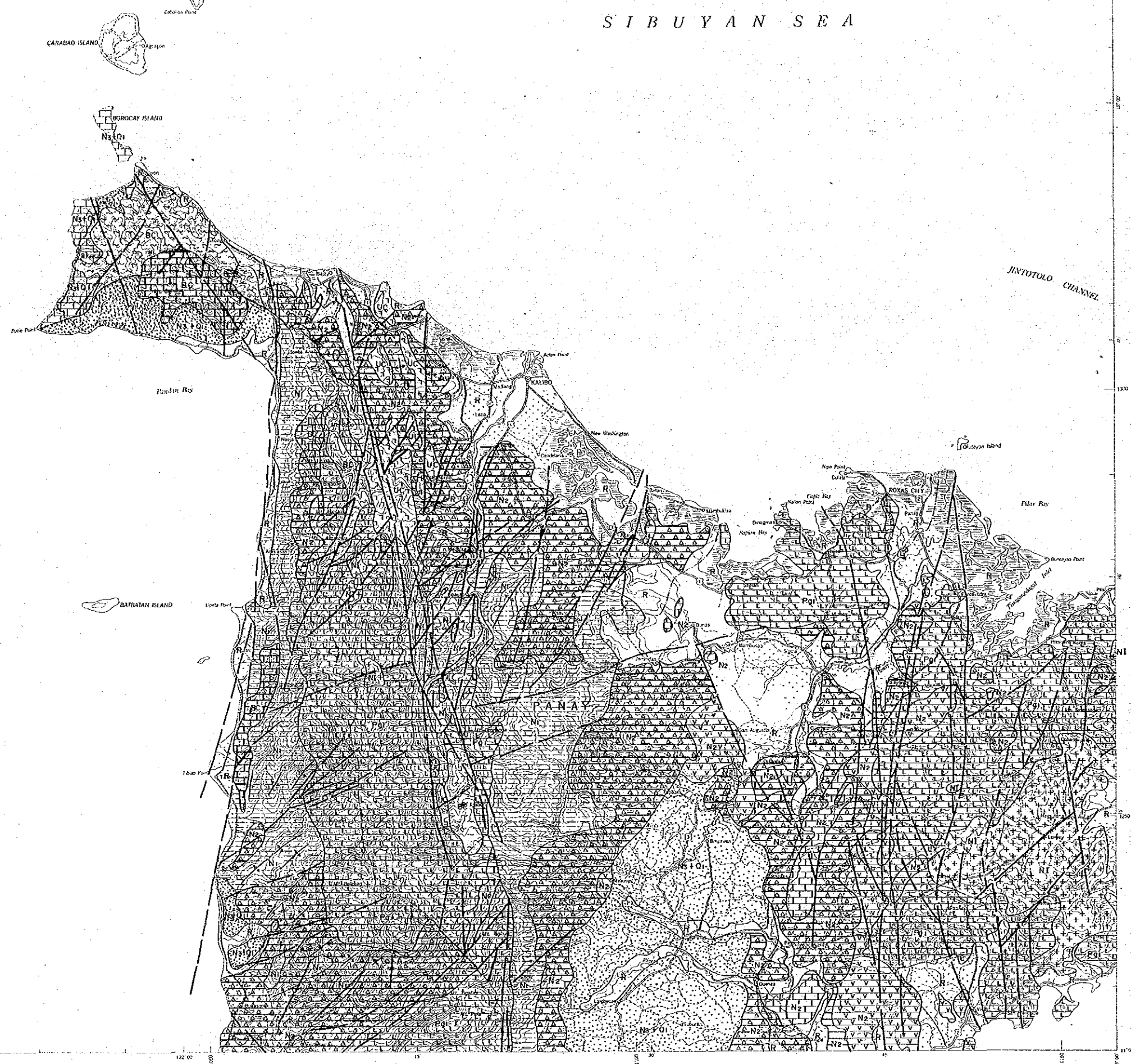




LEGEND

Chartered city	● MANILA	Spot elevation in meters	100'
City (rank of province)	⊙ BATAVIA	Sea level	0'
Capital of province	⊙ MALABO	Water control post	▲
Municipality or townsite	○ MALABO	Sea tank	□
Barangay	○ MALABO	Sea tank	□
Bound. (geographic)	○ MALABO	Sea tank	□
Bound. (political)	○ MALABO	Sea tank	□
Bound. (military)	○ MALABO	Sea tank	□
Bound. (religious)	○ MALABO	Sea tank	□
Bound. (cultural)	○ MALABO	Sea tank	□
Bound. (administrative)	○ MALABO	Sea tank	□
Bound. (military)	○ MALABO	Sea tank	□
Bound. (religious)	○ MALABO	Sea tank	□
Bound. (cultural)	○ MALABO	Sea tank	□
Bound. (administrative)	○ MALABO	Sea tank	□

SIBUYAN SEA



	Lower Miocene	Conglomerate, wackes, shales and reef limestone associated W/basic to intermediate flows and pyroclastics.
	Paleocene Eocene	Marine deposits, largely wackes and shales associated with minor basalt, conglomerate, reef limestone and calcarenites, sometimes W/dacite and/or andesite flows and pyroclastics.
	Cretaceous	Extensive, graywacke-shale sequence intercalated W/spillites. Associated W/tuffaceous clastic and limestone lenses.
	Basement	Undifferentiated schist and quartzite.
	Limestone	Limestone.

IGNEOUS ROCKS

INTRUSIVES		
	Neogene	Quartz diorite, granodiorite and andesite porphyry.
	Cretaceous	Ultramafic and mafic plutonic rock, generally thrust or upfaulted.

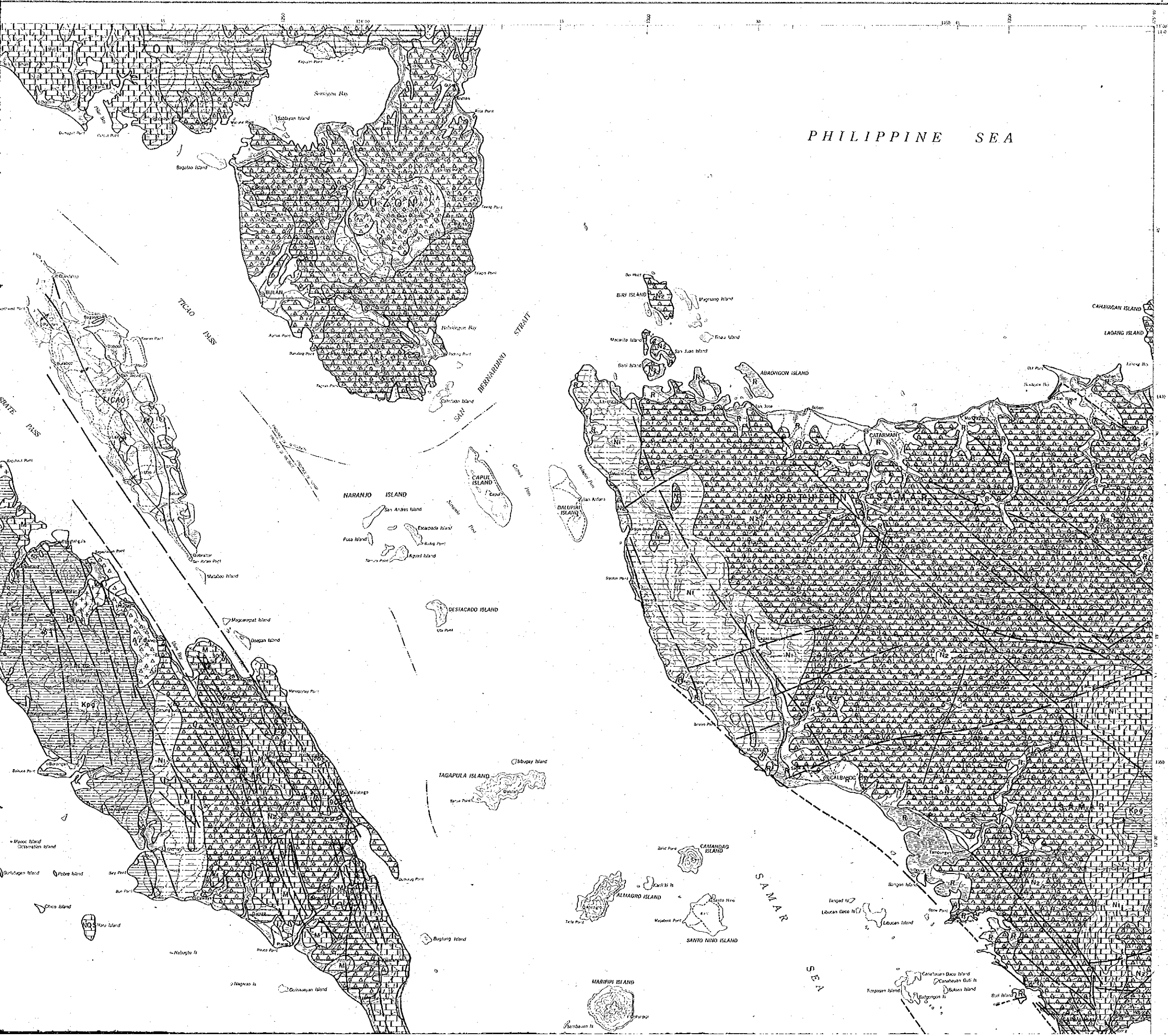
EXTRUSIVES

	Upper Miocene-Pliocene	Principally dacite and/or andesite flow generally W/pyroclastics, associated W/reef limestone lenses.
	Paleocene (?)	Limited dacite and andesite flows and dikes generally intercalated W/and/or intrude Eocene clastics.
	Cretaceous-Paleogene	Essentially spilitic and basic flows intercalated flows transgressive on basement rocks.

GEOLOGIC SYMBOLS

	Geologic contact.
	Thrust fault dashed where inferred saw teeth overriding side.
	Anticlinal axis with plunge.
	Synclinal axis with plunge.

Compiled from Geology and Mineral Resources Map of Antique Province (1:250,000), Iloilo Province (1:250,000) and Aklan-Cepiz Province (1:250,000) and Geologic Map of Southwestern Panay (1:250,000).



付図 4-7

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Scale 1:250,000

0 10 20 km

LEGEND

(A) Compiled from Geological Map of Bicol Region (1:250,000) by BMG Regional Office V.

(B) Compiled from Geology and mineral Resources Map of Masbate Island. (1:250,000)

(C) Compiled from Geology and mineral Resources Map of Samar Island. (1:250,000)

(D) Compiled from Geology and mineral Distribution Map of Southern Leyte. (1:250,000. P.M. Munising and Baptista, 1970)

SEDIMENTARY ROCKS		IGNEOUS & METAMORPHIC ROCKS	
RECENT	[Symbol]	[Symbol]	[Symbol]
PLEISTOCENE	[Symbol]	[Symbol]	[Symbol]
PLOCENE	[Symbol]	[Symbol]	[Symbol]
UPPER MIOCENE	[Symbol]	[Symbol]	[Symbol]
MIDDLE MIOCENE	[Symbol]	[Symbol]	[Symbol]
LOWER MIOCENE	[Symbol]	[Symbol]	[Symbol]
OLIGOCENE	[Symbol]	[Symbol]	[Symbol]
Eocene	[Symbol]	[Symbol]	[Symbol]
PALEOCENE	[Symbol]	[Symbol]	[Symbol]
CRETACEOUS	[Symbol]	[Symbol]	[Symbol]
PRE-CRETACEOUS	[Symbol]	[Symbol]	[Symbol]

Legend symbols for faults and other geological features are also provided at the bottom.

