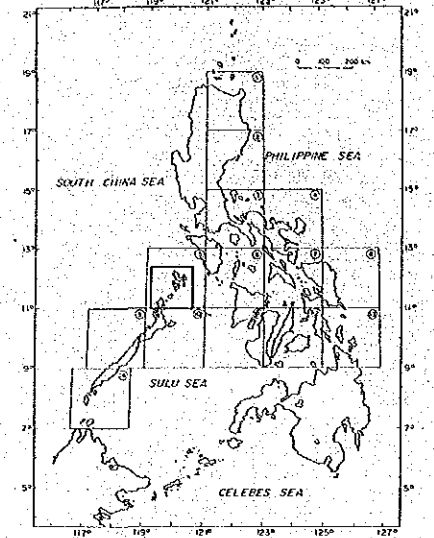


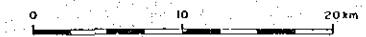
付図 1-1  
 フィリピン共和国  
 鉱物資源基本図調査  
 第4年次

パラワンV(ブスアンガ)地区  
 地質図及び断面図



昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1:250,000

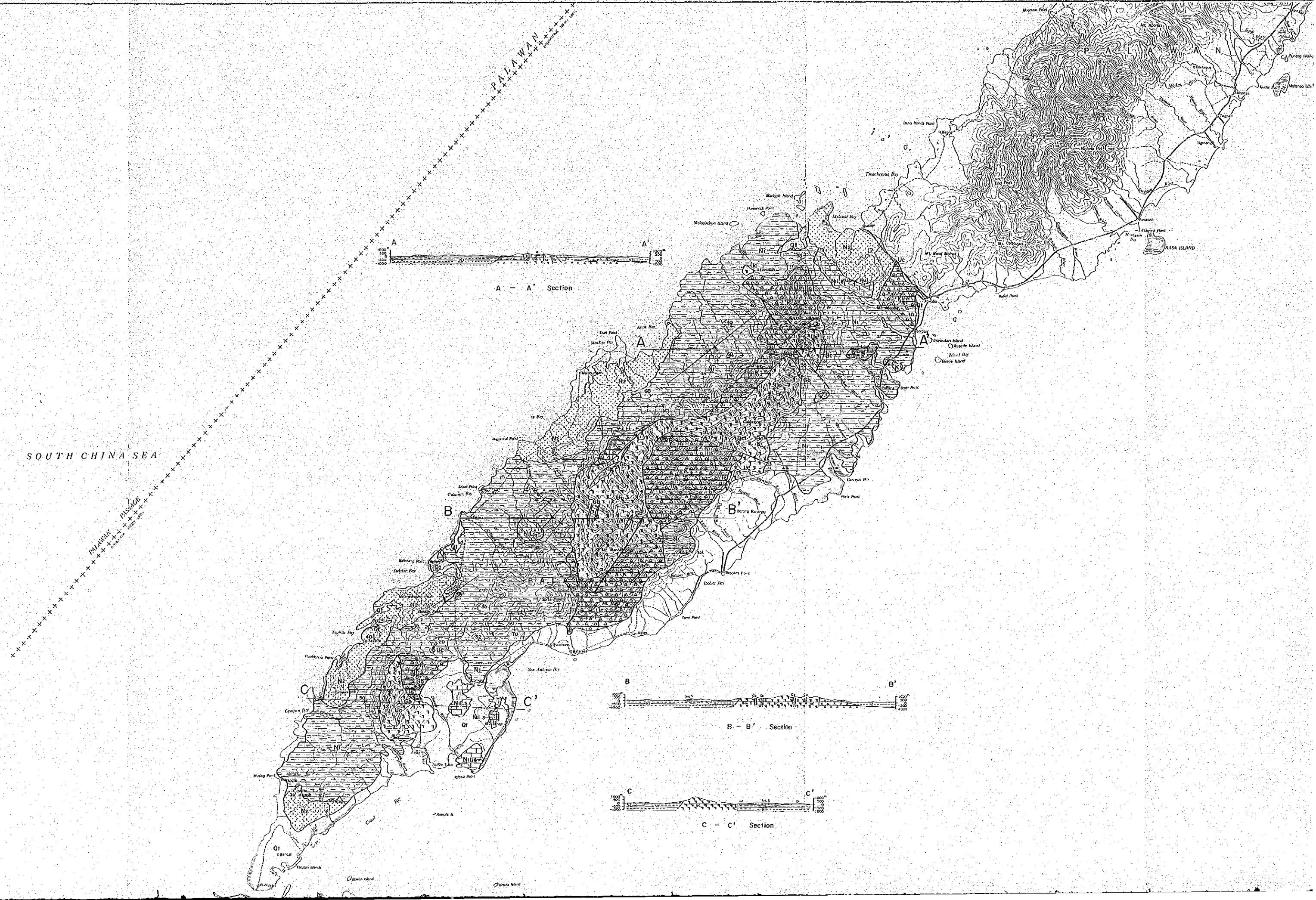


LEGEND

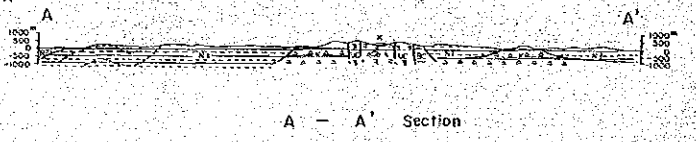
Quaternary	Qal	Quaternary - Alluvium
Late Triassic	CF	Coron Formation creamy to light gray, massive marbled limestone.
Middle Triassic	LF2	Limnangong Formation chert
Early Triassic	LF1	Limnangong Formation bedded chert interbedded sandstone and shale
Late Permian	MF	Meilag Formation creamy to dark gray, massive, marbled limestone



SOUTH CHINA SEA

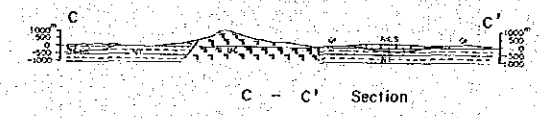
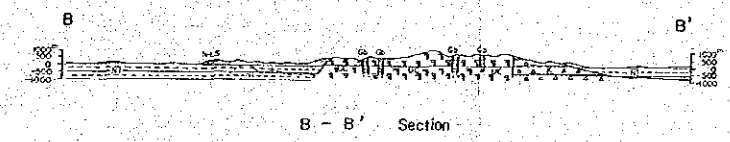


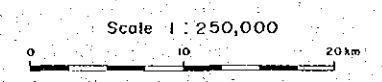
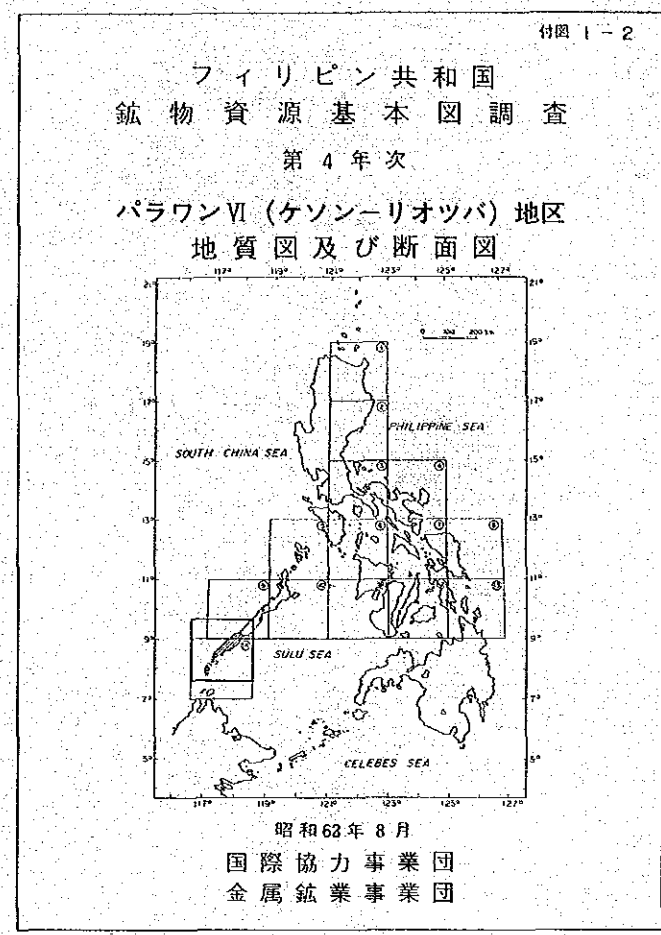
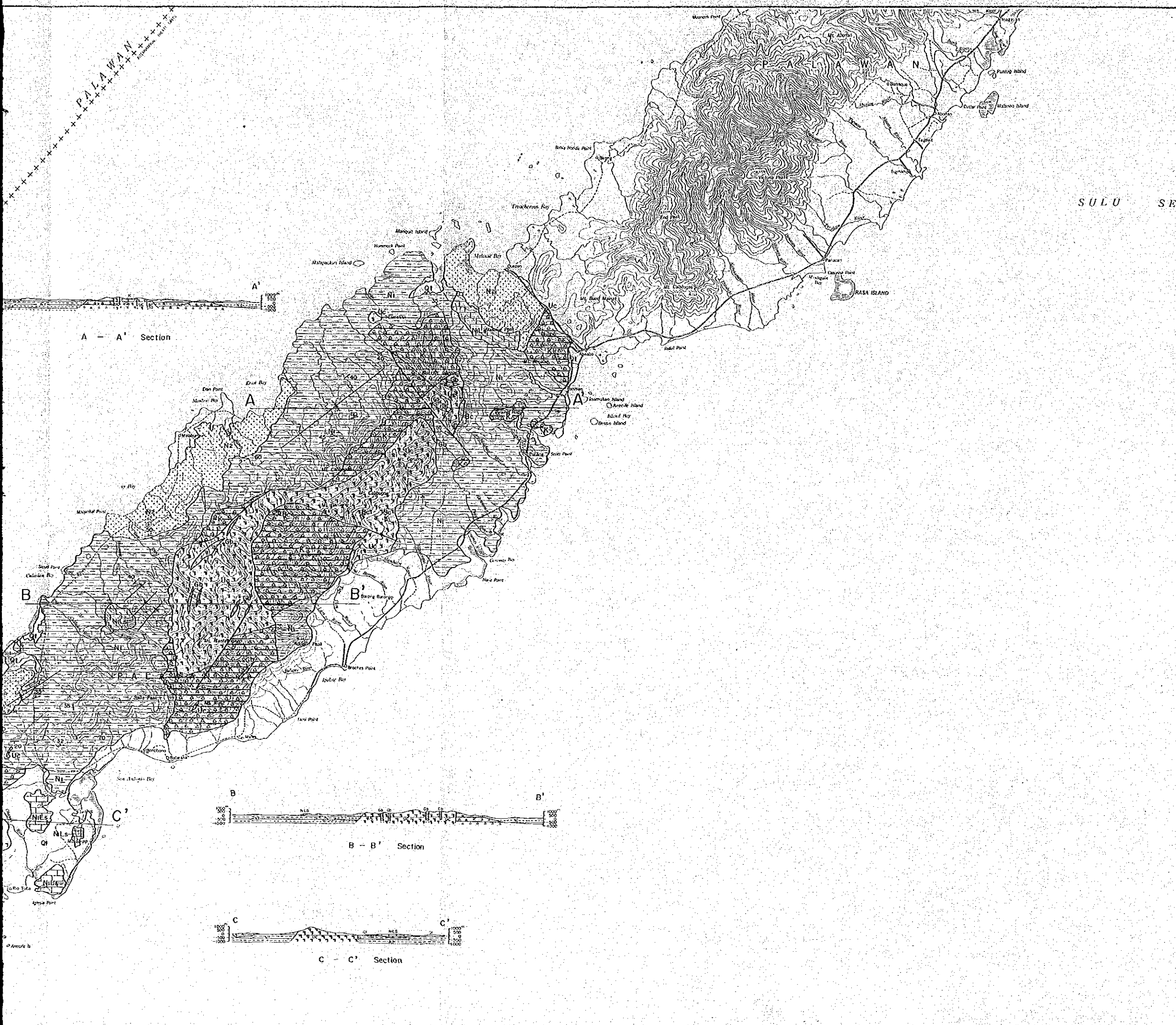
PALAWAN



B

B'

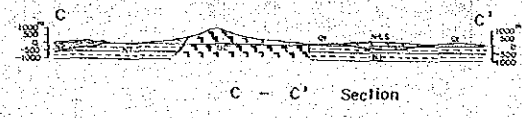
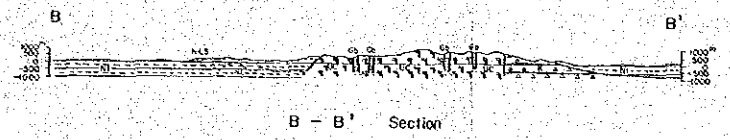
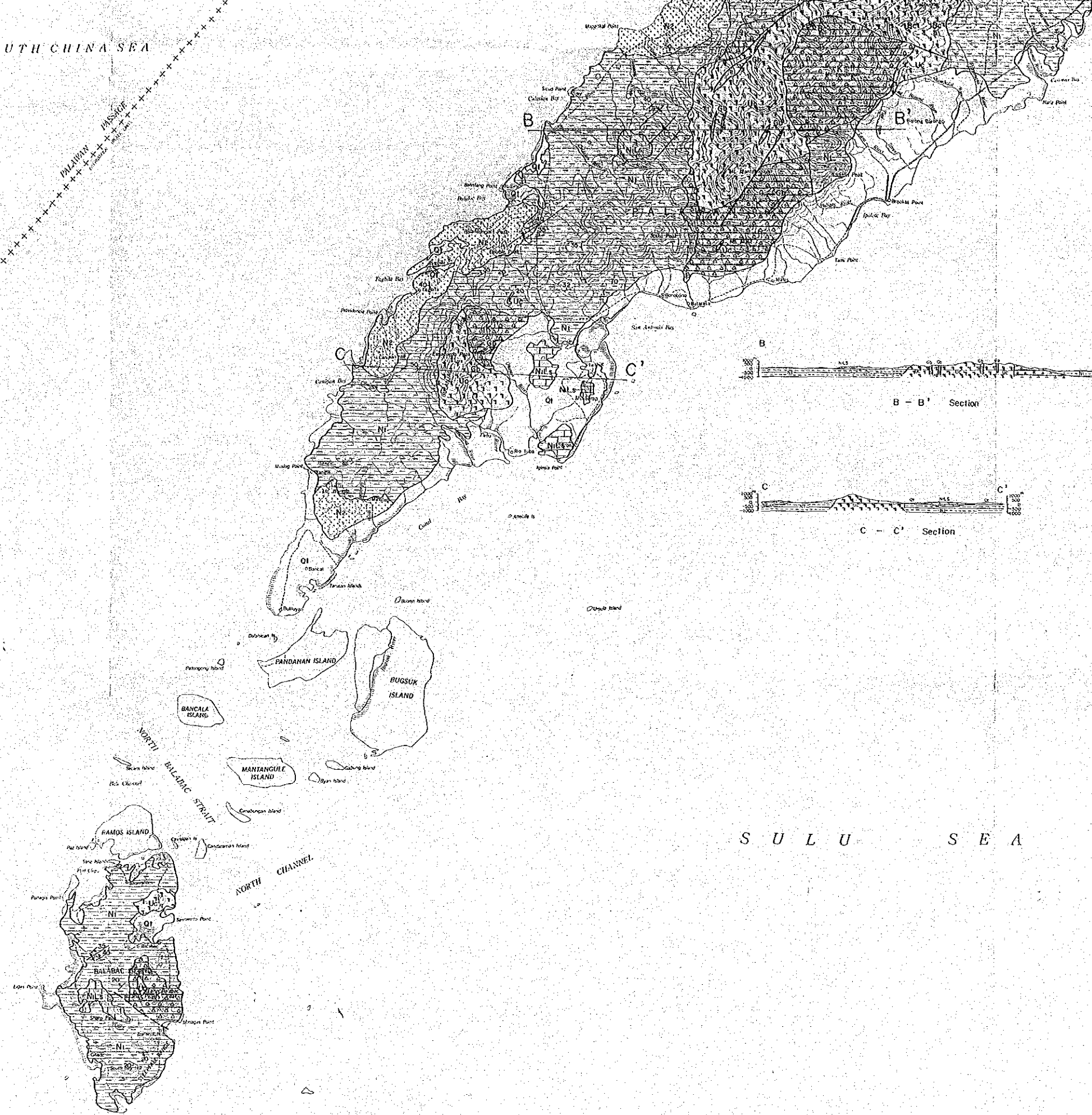
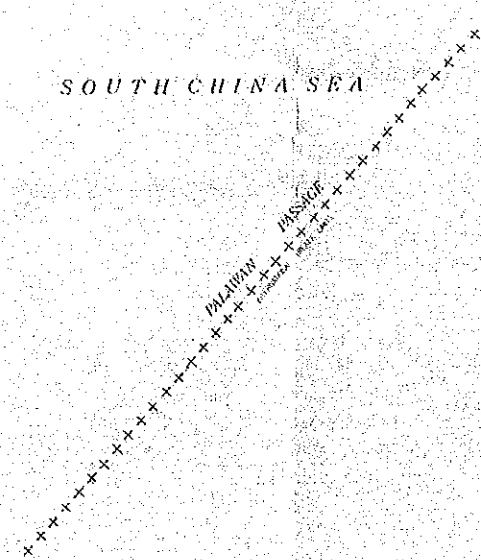




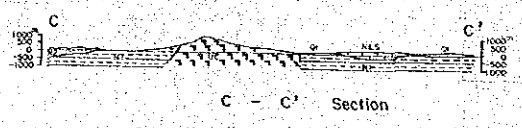
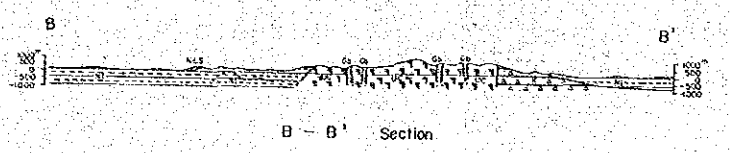
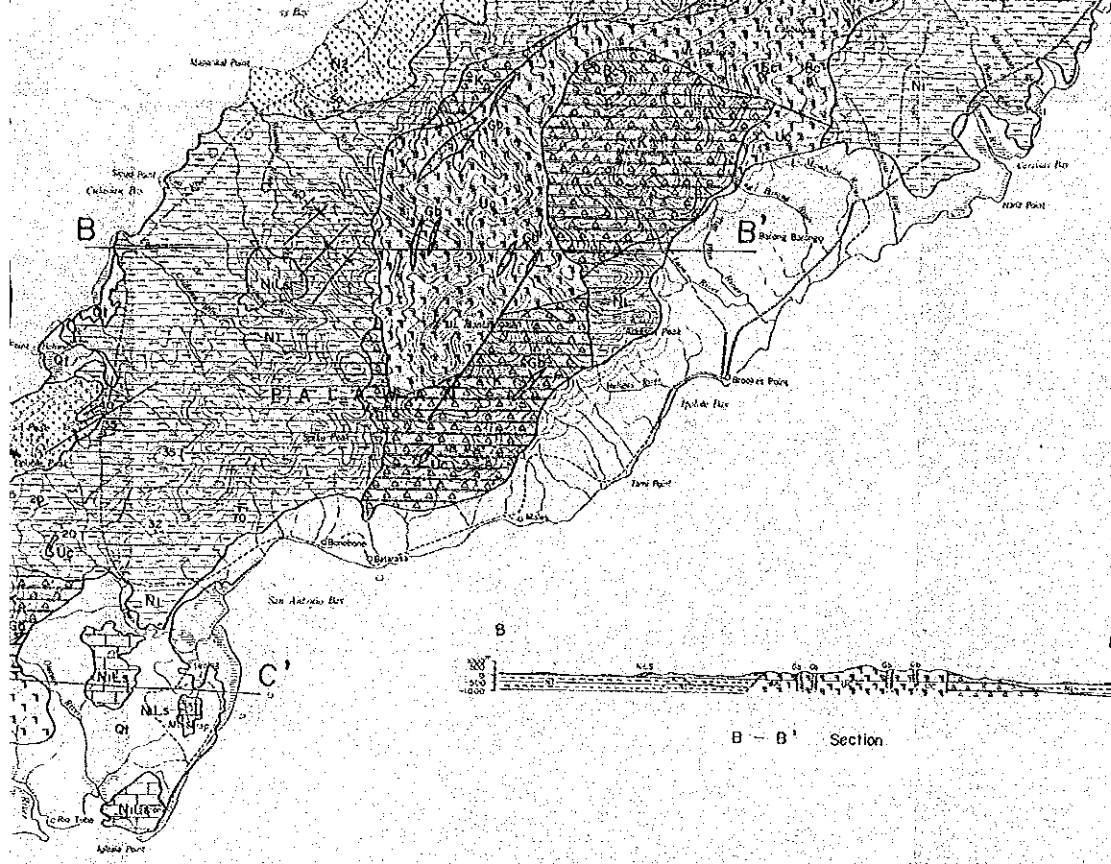
LEGEND

Quaternary	Q1	Alluvium	
Late Miocene	N1	Sandstone Mudstone	
Middle Miocene	NLS	Limestone	
Early-Middle Miocene	NI	Sandstone Shale	
Cretaceous	K	Basic lava and tuff (bearing chert)	
Tertiary	BC	Metamorphic rocks	
			<b>INTRUSIVE ROCKS</b>
			UUC
			Gb

SOUTH CHINA SEA



S U L U S E A



### LEGEND

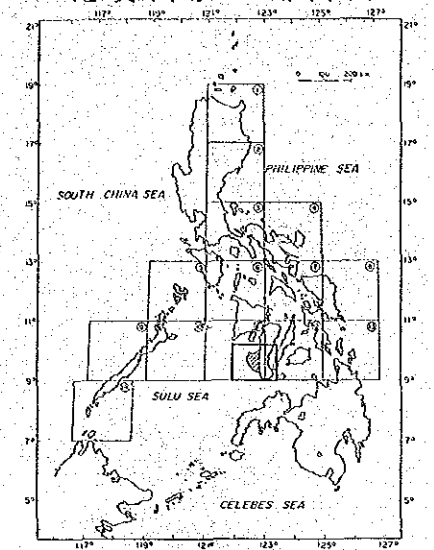
- |                        |     |  |  |
|------------------------|-----|--|--|
| Quaternary             | Q1  | Alluvium                               |  |
| Late Miocene           | N2  | Sandstone<br>Massifera                 |  |
| Middle Miocene         | NLS | Limestone                              |  |
| Early - Middle Miocene | N1  | Sandstone<br>Shale                     |  |
| Cretaceous             | K   | Basic lava and tuff<br>(tearing chert) |  |
| Triassic               | BC  | Metamorphic rocks                      |  |
- 
- |                        |                  |
|------------------------|------------------|
| <b>INTRUSIVE ROCKS</b> |                  |
| UC1                    | Ultrabasic rocks |
| GB1                    | Gabbro           |

S U L U      S E A

フィリピン共和国  
鉱物資源基本図調査

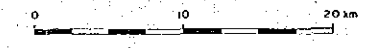
第4年次

西部ネグロス地区  
地質図及び断面図



昭和63年3月  
国際協力事業団  
金属鉱業事業団

Scale 1 : 250,000

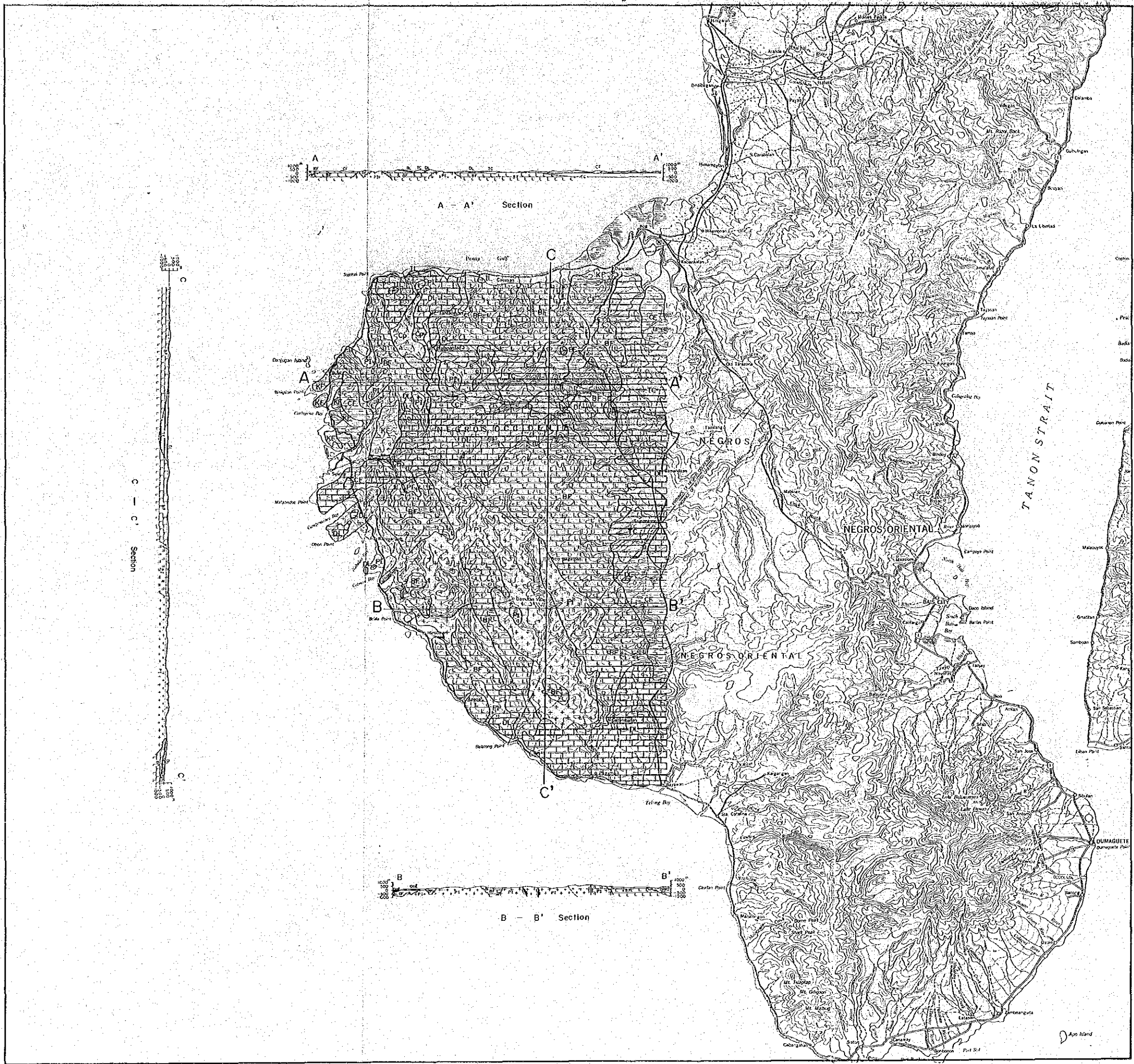


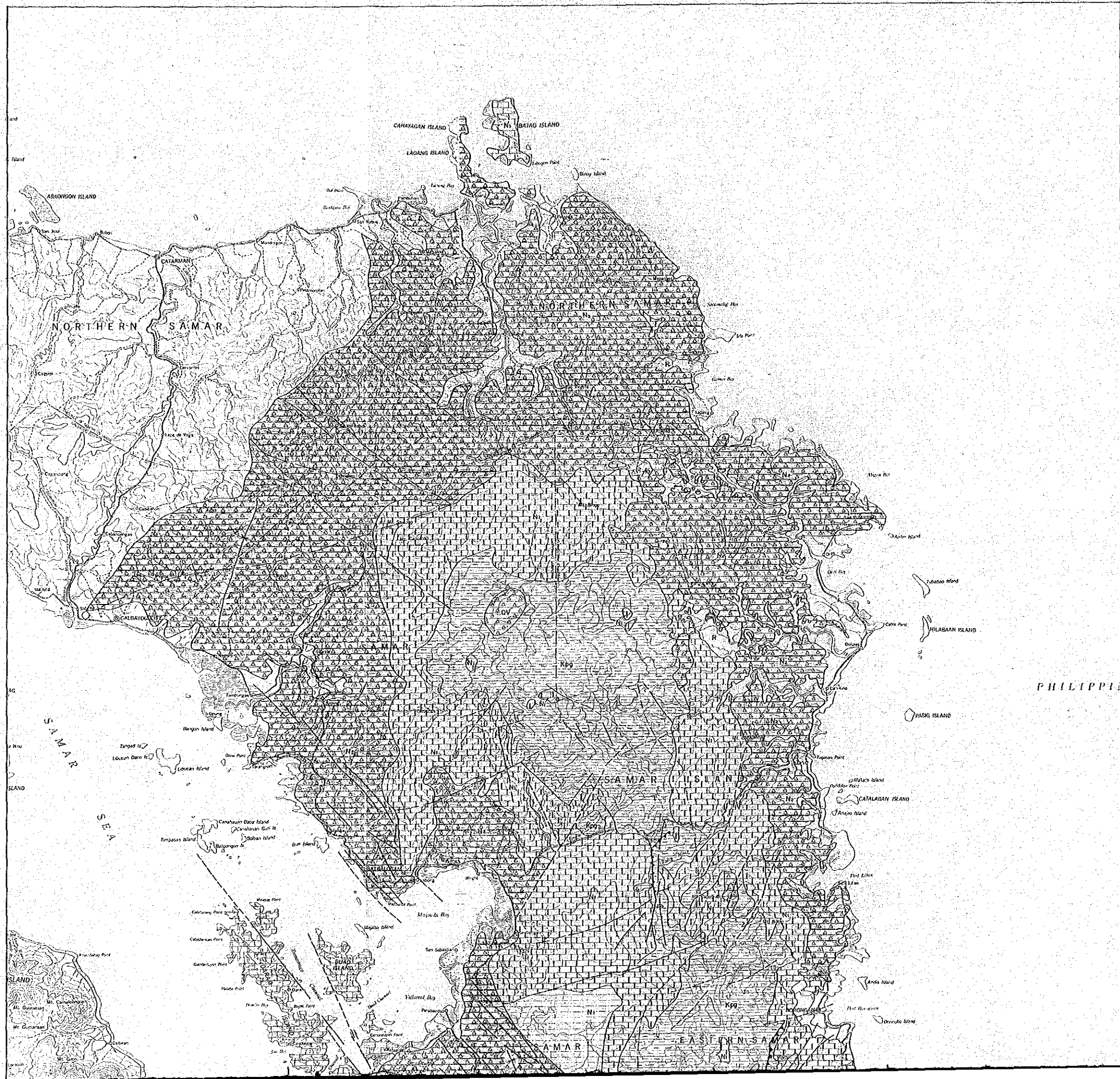
LEGEND

SEDIMENTARY ROCKS	
Quaternary	Holocene  Alluvium
	Plistocene  Andesitic Tuff and Lava
Pliocene	Sandstone, Limestone, Siltstone, Shale
	Tuffaceous Siltstone, Mudstone
Early Miocene	Limestone
	Sandstone, Siltstone, Shale
Paleogene	Oligocene  Sandstone, Siltstone, Shale
	Eocene  Limestone
Mesozoic	Cretaceous  Basalt-Andesite and its pyroclastic, metasediment

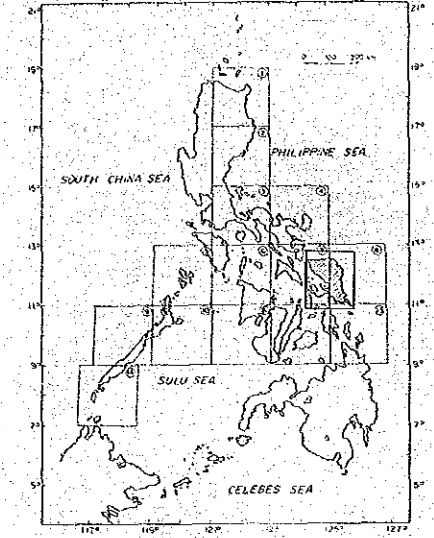
INTRUSIVE ROCKS	
Diorite	Gabbro





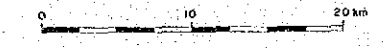
フィリピン共和国  
 鉱物資源基本図調査  
 第4年次

サマールI~III地区  
 地質図及び断面図



昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1:250,000

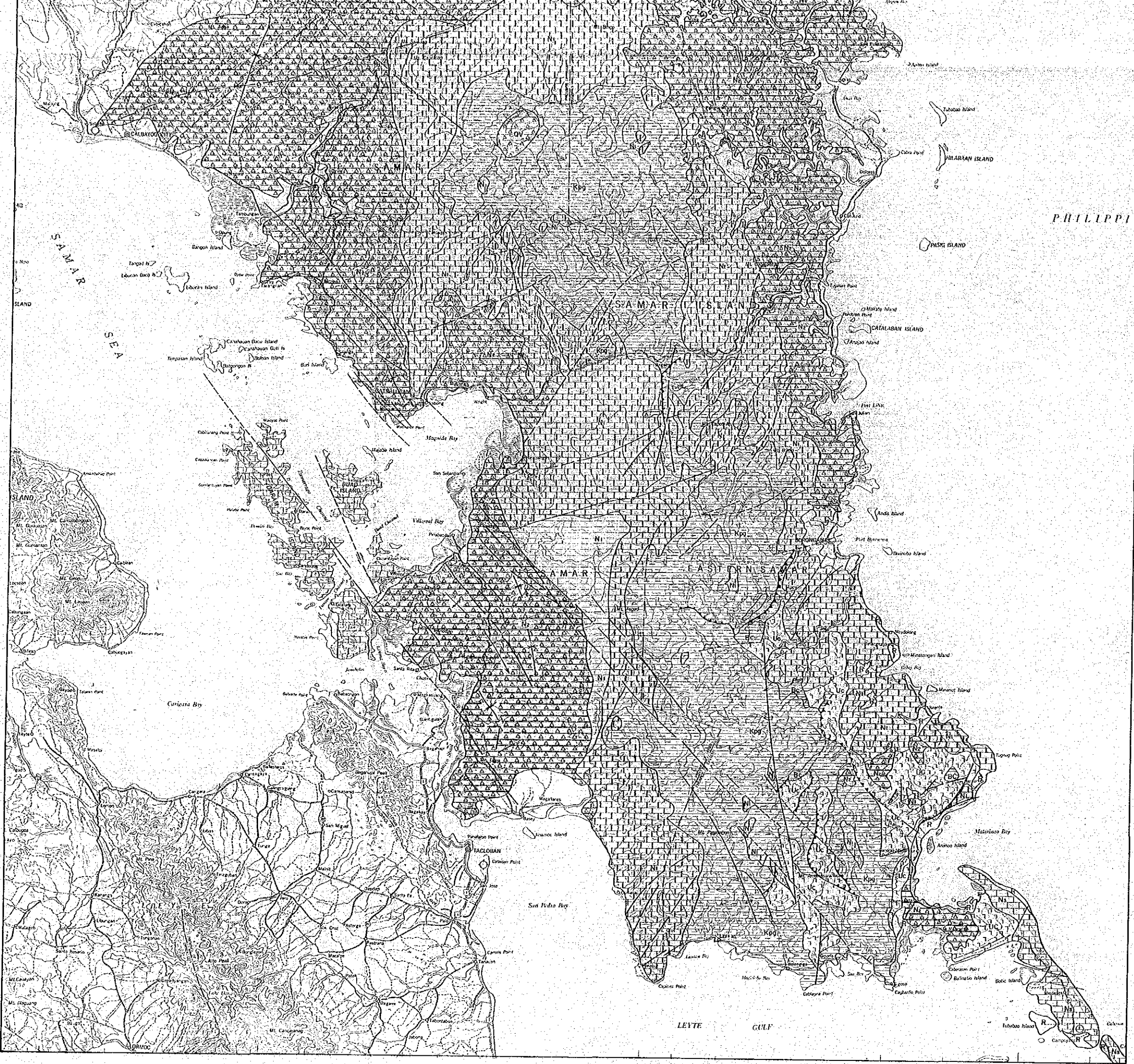


LEGEND

- |                                 |                      |  |
|---------------------------------|----------------------|--|
|                                 | Recent               | Alluvium   |
|                                 | Quaternary           | Rised coral reef limestone with some interbedded sand, gravel and calcareous clay  |
|                                 | Upper Miocene        | Composed of luffaceous sandstone and shale with thinbeds of limestone  |
|                                 | Middle-upper Miocene | Composed of hard fine to coarse grained luffaceous sandstone and graywackes with interbedded thick limestone and shale   |
|                                 | Cretaceous-Paleogene | Spilitic basic and intermediate flows interbedded with metamorphosed graywacke, shale and minor red cherty sediment  |
|                                 | Basement             | Undifferentiated amphibolite and quartz-feldspathic schist and middle eclogite gabbro associated with marble exposed along narrow zone of close folding broken by upthrust |
| <b>IGNEOUS ROCKS INTRUSIVES</b> |                      |  |
|                                 | Cretaceous           | Undifferentiated ultramafic and plutonic rocks predominantly serpentized peridotite and late gabbro generally thrust and up-faulted  |
| <b>EXTRUSIVES</b>               |                      |  |
|                                 | Quaternary           | Non-active volcanic cones generally basaltic and/or andesite plugs   |

GEOLOGIC SYMBOLS

- Geologic contact
- High angle fault. Dashed where inferred, arrow indicate strike-slip movement
- Thrust fault. Dashed where inferred, saw-tooth on overriding side
- Normal fault. Notches on downthrown side
- Anticlinal axis
- Synclinal axis



**LEGEND**

- Recent Alluvium
- Quaternary: Rias coral reef limestone with some interbedded sand, gravel and calcareous clay
- Upper Miocene: Composed of tuffaceous sandstones and shale with thin beds of limestone
- Middle-Upper Miocene: Composed of hard lime to coarse grained tuffaceous sandstone and graywackes with interbedded thick limestone and shale
- Cretaceous-Paleogene: Spilitic basic and intermediate flows interbedded with metamorphosed graywacke, shale and minor red cherty sections
- Basement: Undifferentiated amphibolite and quartz-feldspathic schist and gabbro (clinopyroxene schist) associated with marble, exposed along narrow zone of close folding broken by thrust.

**IGNEOUS ROCKS INTRUSIVES**

- Intrusive: Undifferentiated ultramafics and plutonic rocks predominantly serpentinitized peridotite and late gabbro generally thrust and up-faulted.

**EXTRUSIVES**

- Extrusive: Quaternary Non-active volcanic cones generally basaltic and/or andesite plugs

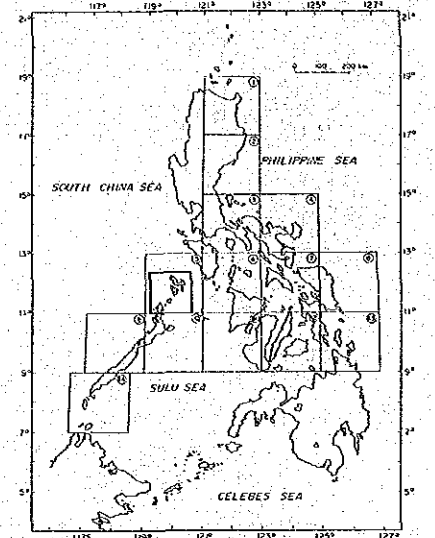
**GEOLOGIC SYMBOLS**

- Geologic contact
- High angle fault. Dashed where inferred, arrow indicate strike-slip movement
- Thrust fault. Dashed where inferred, saw-teeth on overriding side
- Normal fault. Hechures on downthrown side
- Anticlinal axis
- Synclinal axis
- Section line



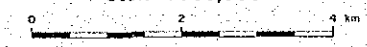
フィリピン共和国  
鉱物資源基本図調査  
第4年次

パラワンV(ブスアンガ)地区  
サンプル採取位置・pH値・電気伝導度図

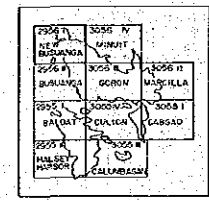


昭和53年3月  
国際協力事業団  
金属鉱業事業団

Scale 1: 50,000



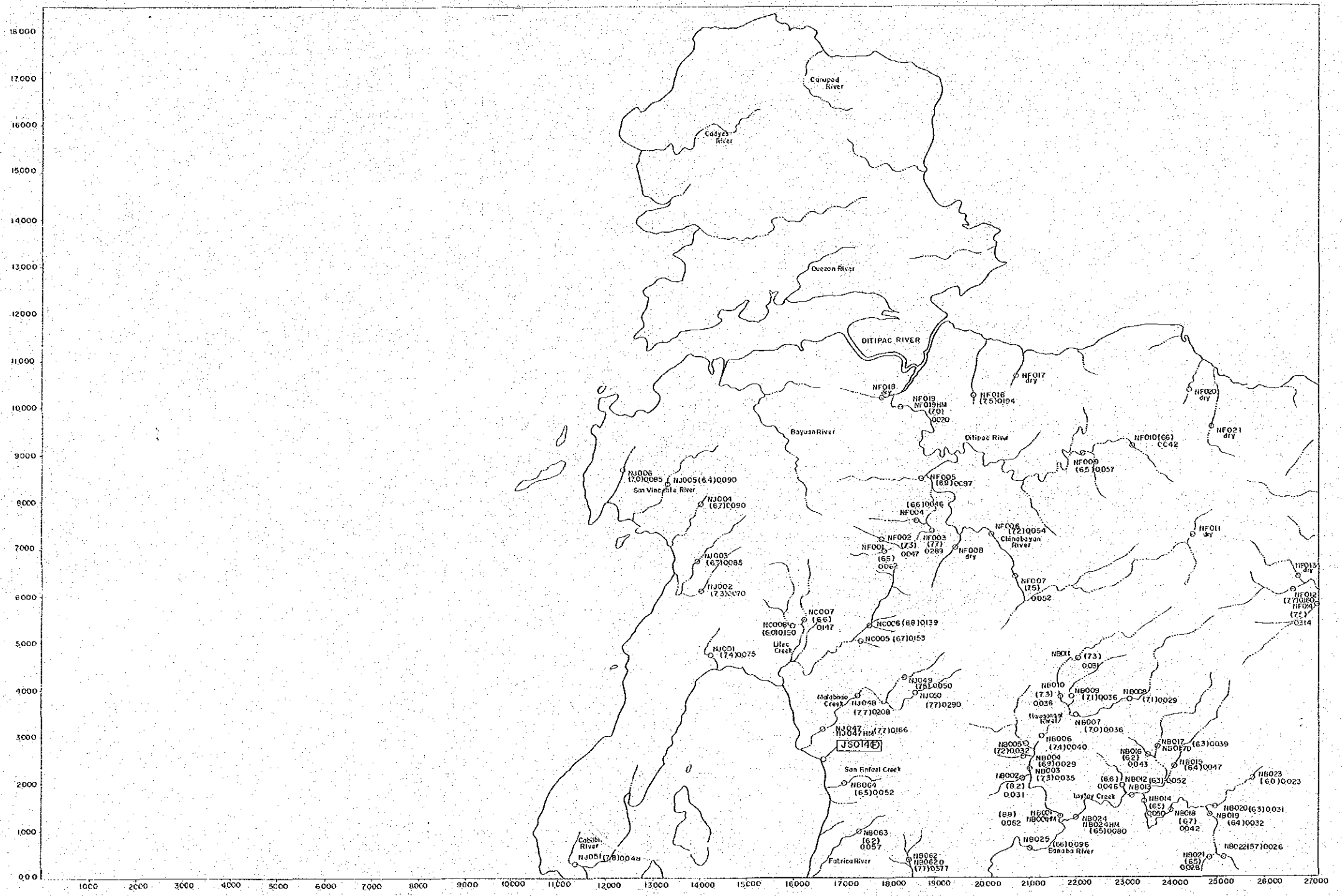
LEGEND

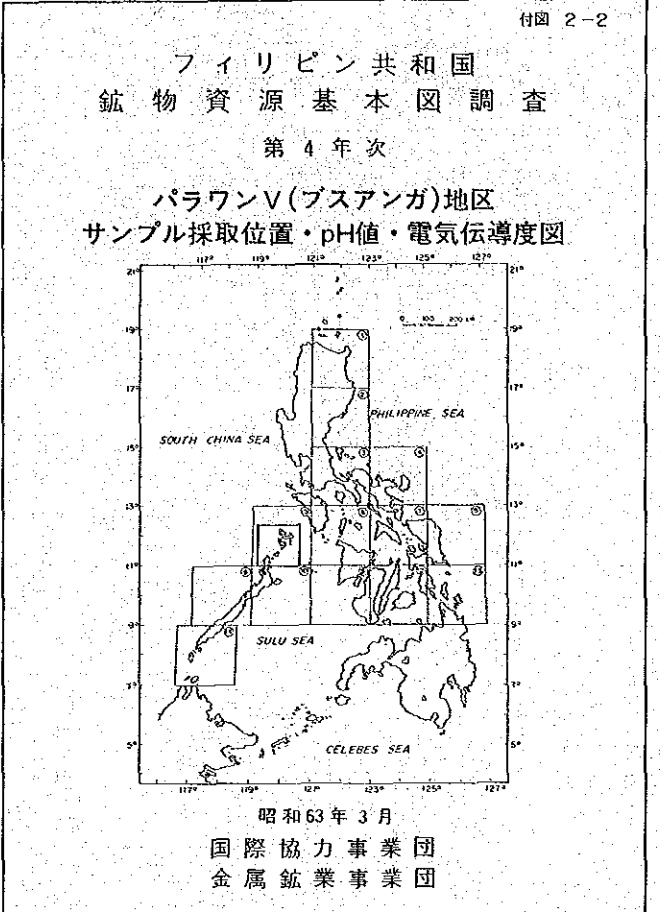
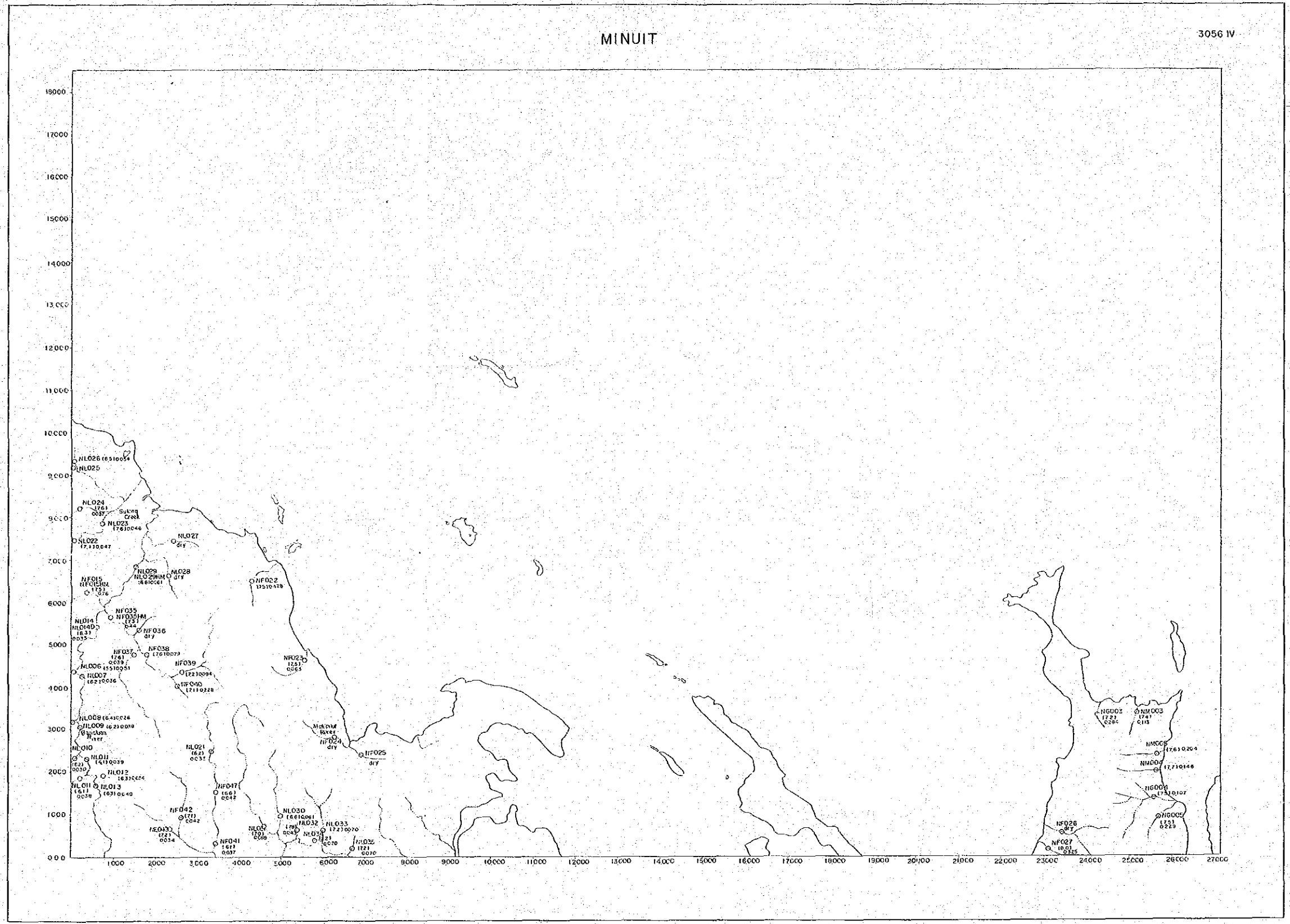


- : 河床堆積物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 ( $\mu S/cm$ )
- [B-4B] : 室内試験サンプル採取位置

NEW BUSUANGA

2956 I



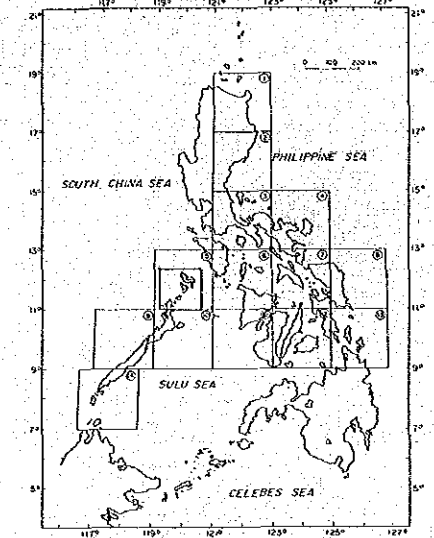


Scale 1:50,000  
 0 2 4 km

LEGEND

- : 河床堆積物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 ( $\mu S/cm$ )
- [B-48] : 室内試験サンプル採取位置

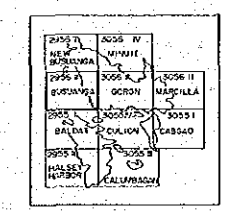
フィリピン共和国  
 鉱物資源基本図調査  
 第4年次  
 パラワンV(ブスアンガ)地区  
 サンプル採取位置・pH値・電気伝導度図



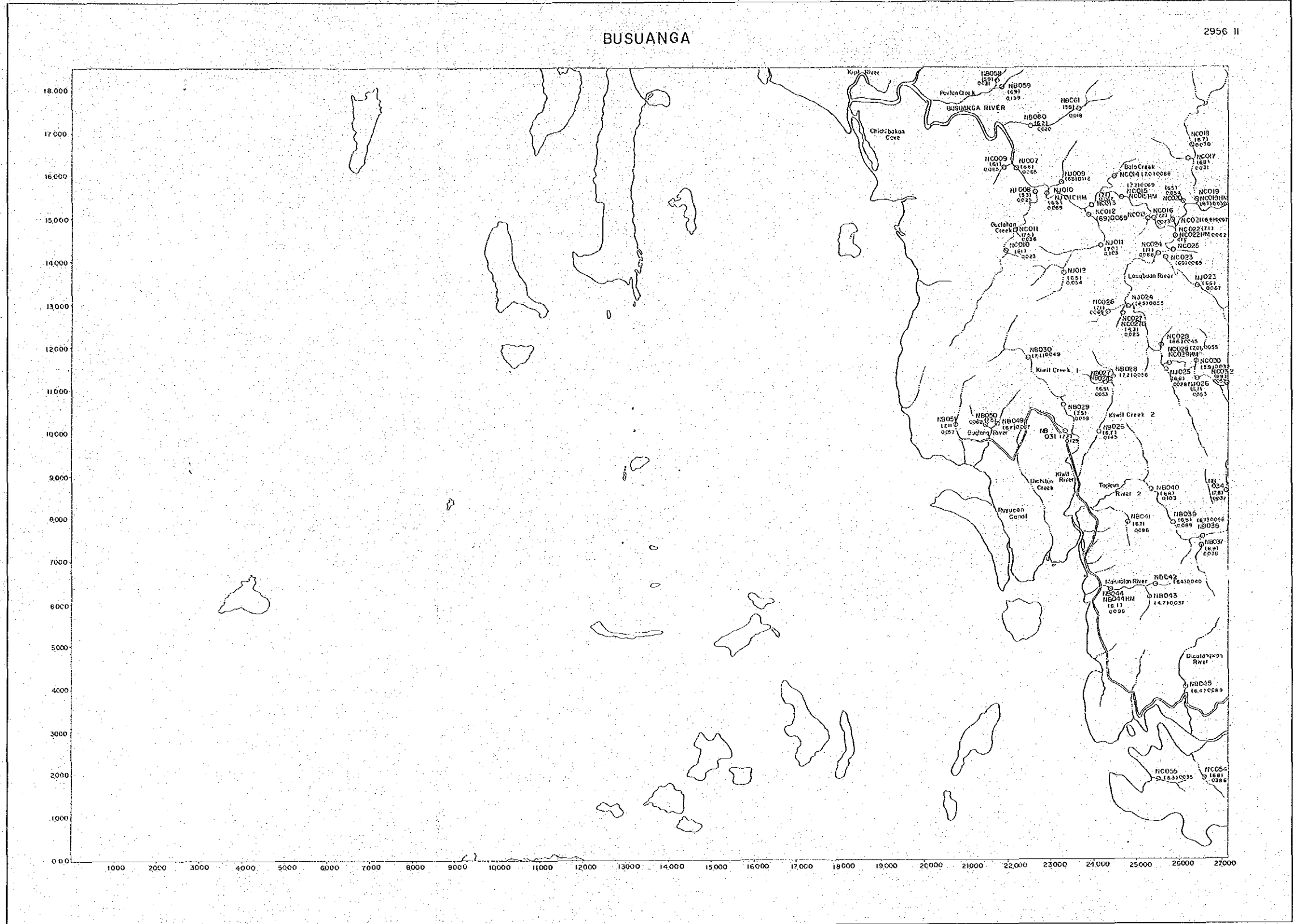
昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1:50,000  
 0 2 4 km

LEGEND

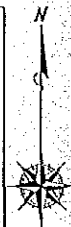
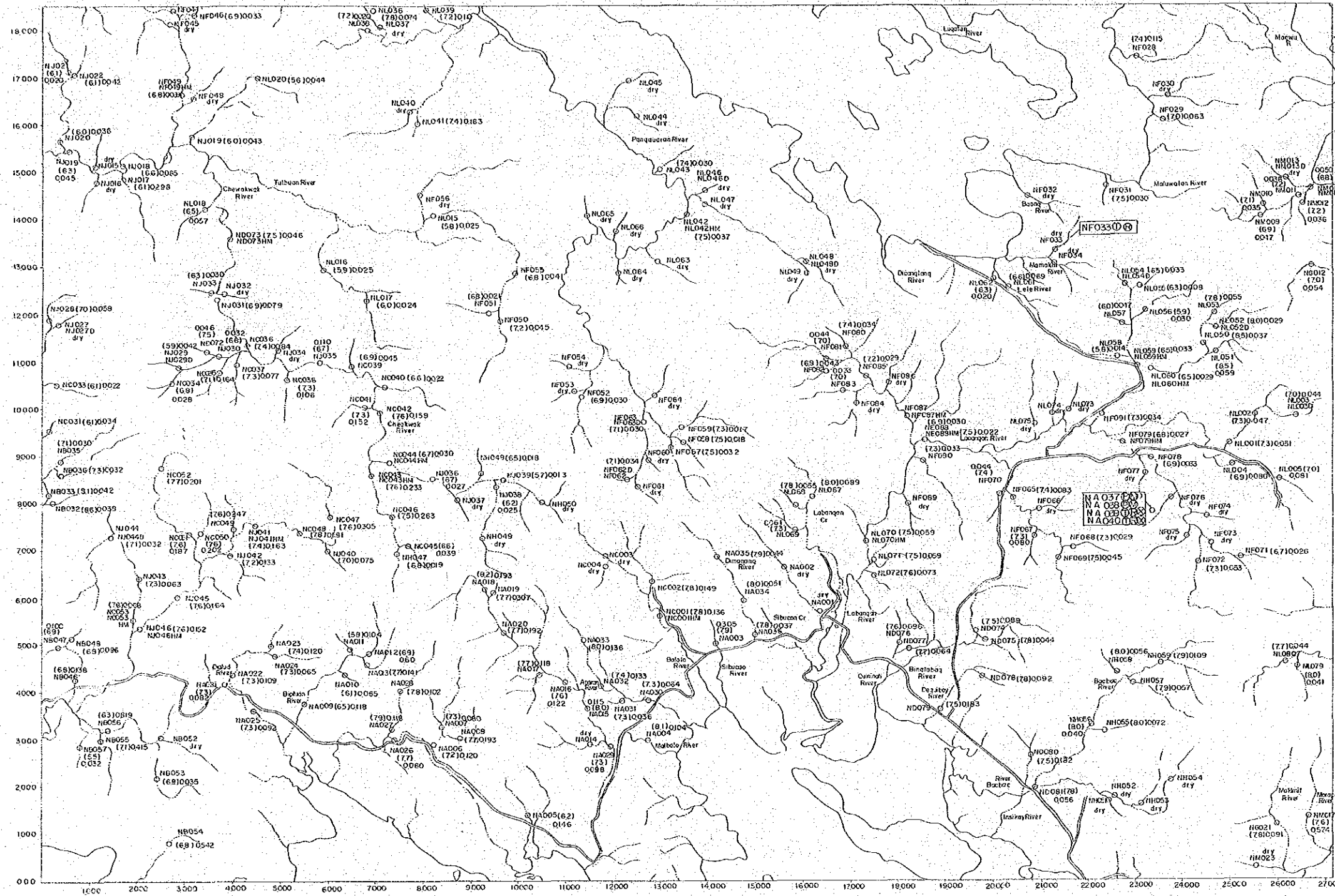


- 河床堆積物・重鉱物 サンプル採取位置
- (7.0) pH値
- 0.280 電気伝導度 (μS/cm)
- [B-4B] 室内試験サンプル採取位置

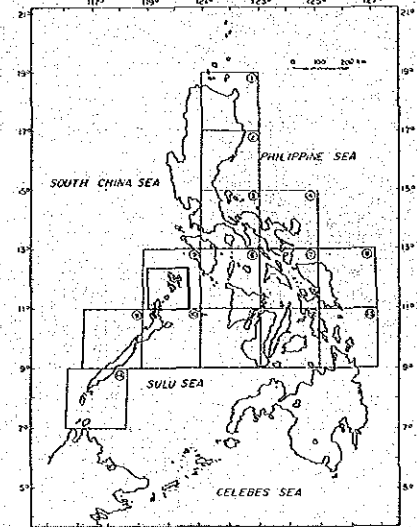


CORON

SHEET 3056 III

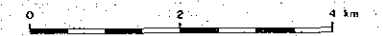


付図 2-4  
 フィリピン共和国  
 鉱物資源基本図調査  
 第4年次  
 パラワンV(プスアング)地区  
 サンプル採取位置・pH値・電気伝導度図



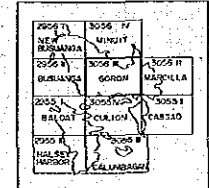
昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1:50,000

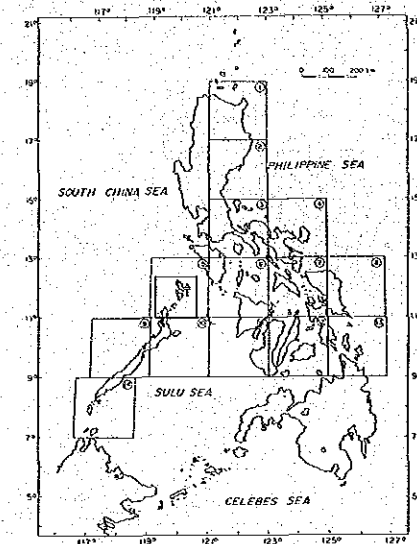


LEGEND

- : 河床堆積物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- 48 : 室内試験サンプル採取位置



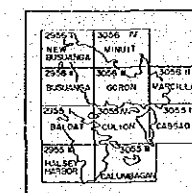
フィリピン共和国  
 鉱物資源基本図調査  
 第4年次  
 パラワンV(ブスアンガ)地区  
 サンプル採取位置・pH値・電気伝導度図



昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1 : 50,000  
 0 2 4 km

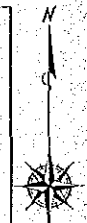
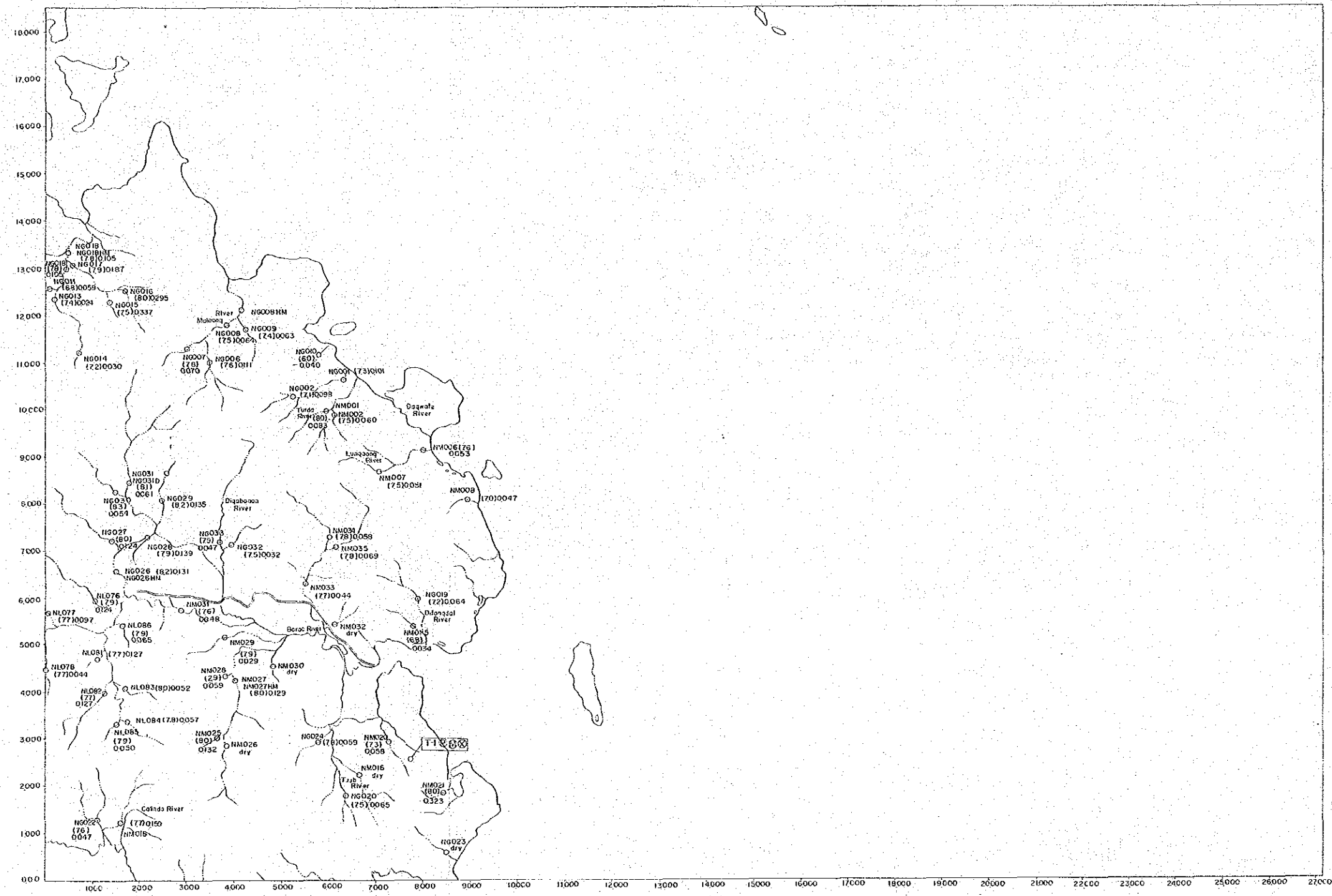
LEGEND

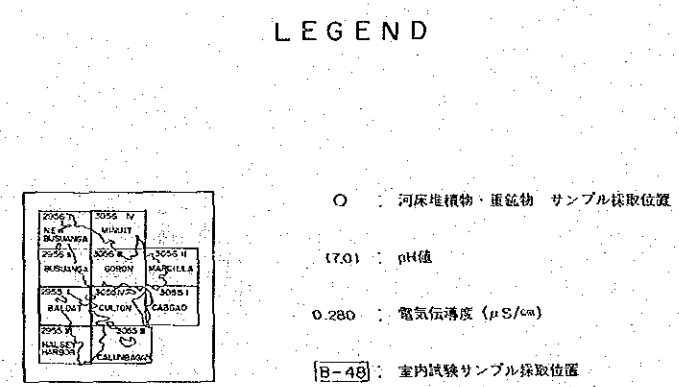
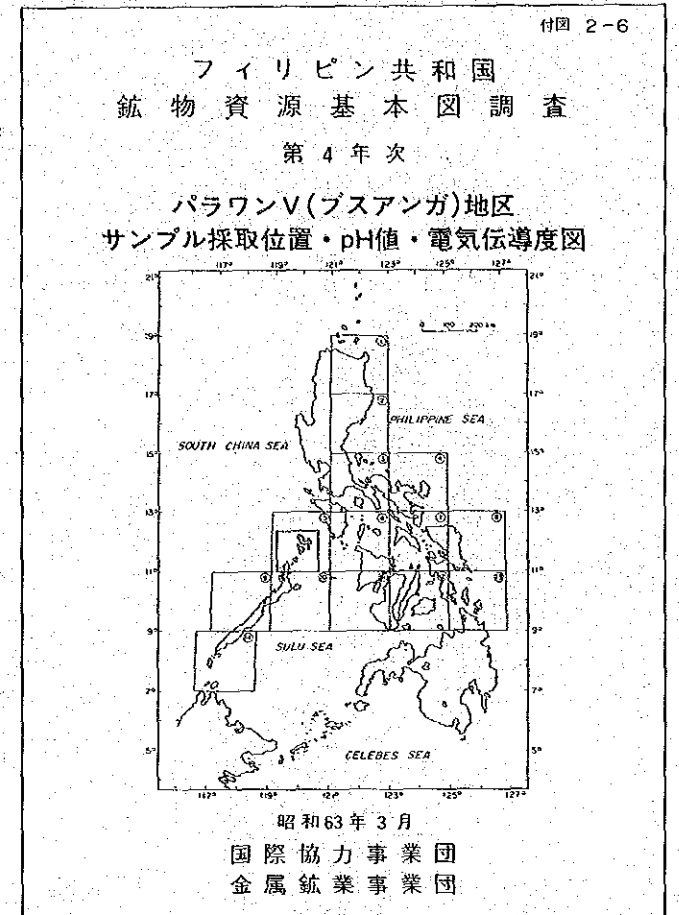
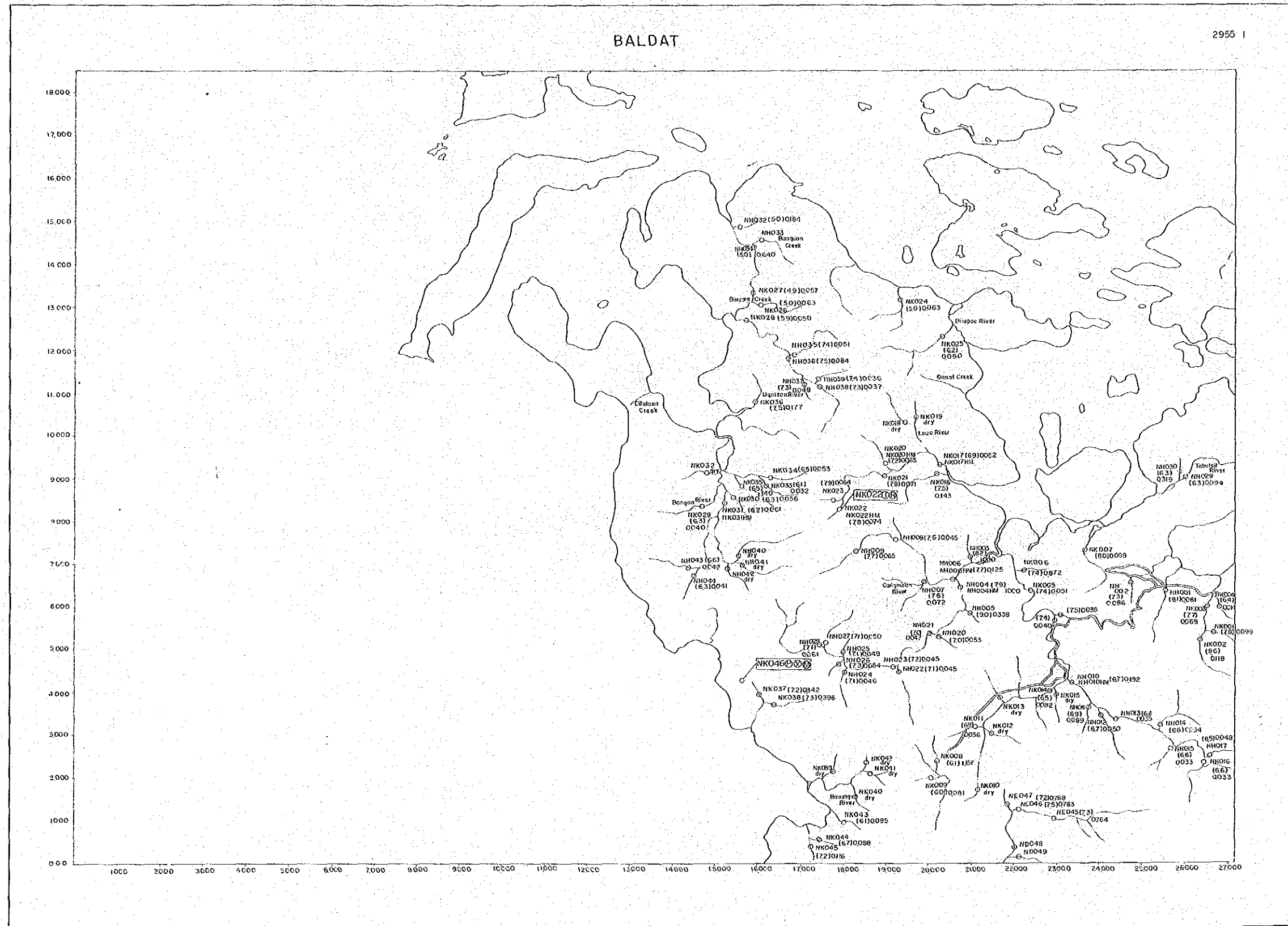


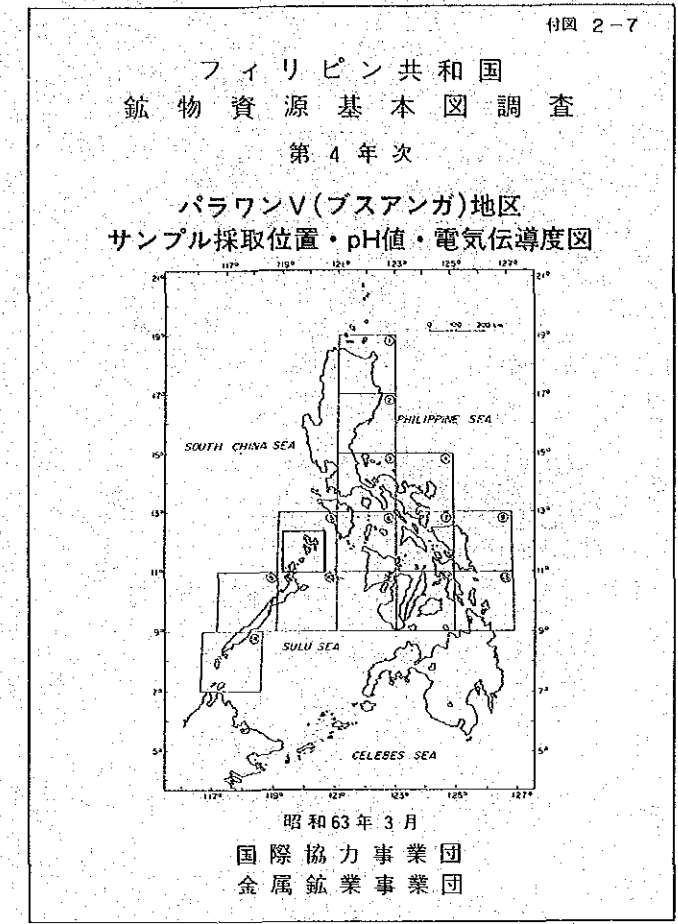
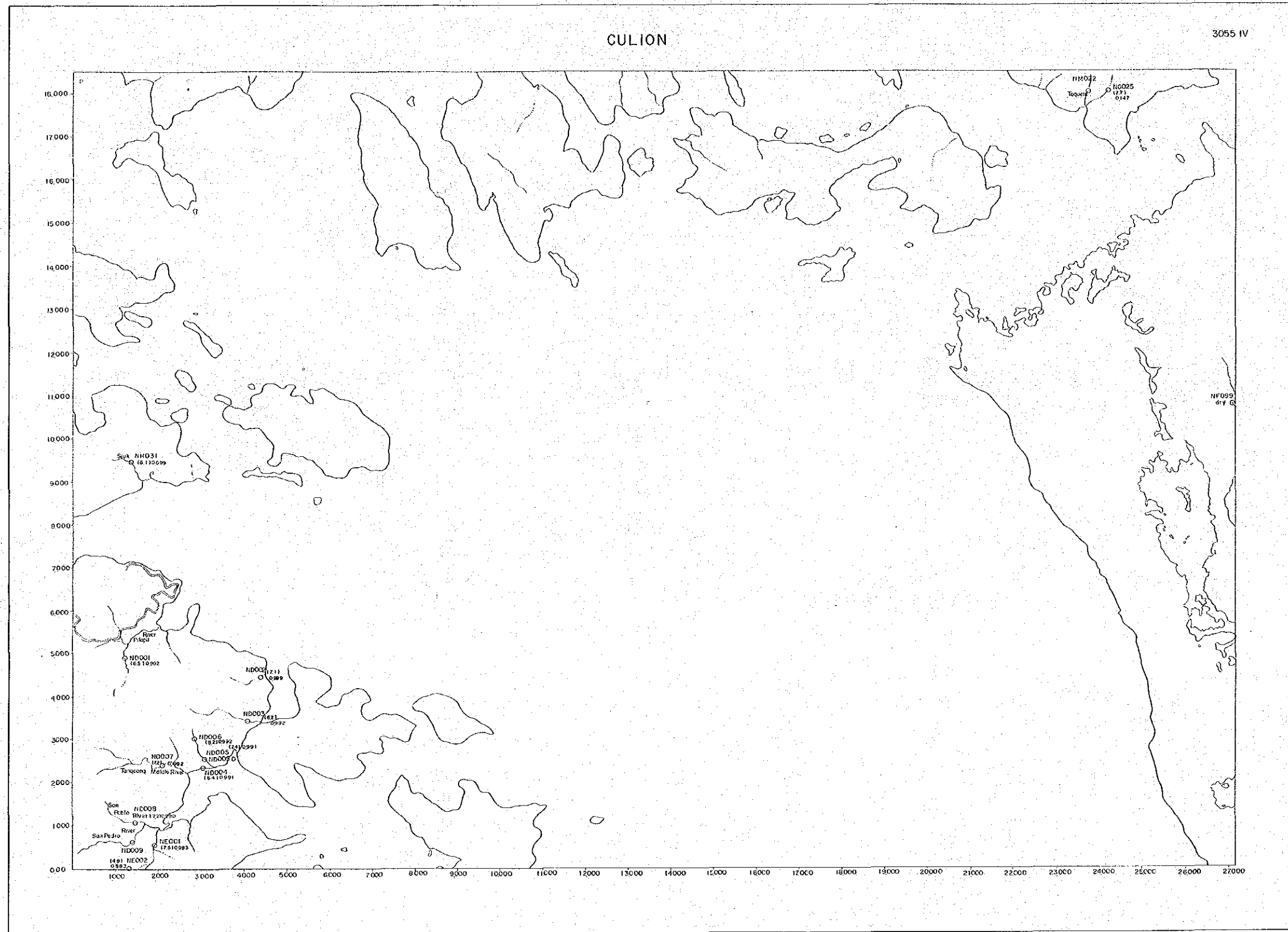
- : 河床堆植物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置

MARCILLA

3056 II





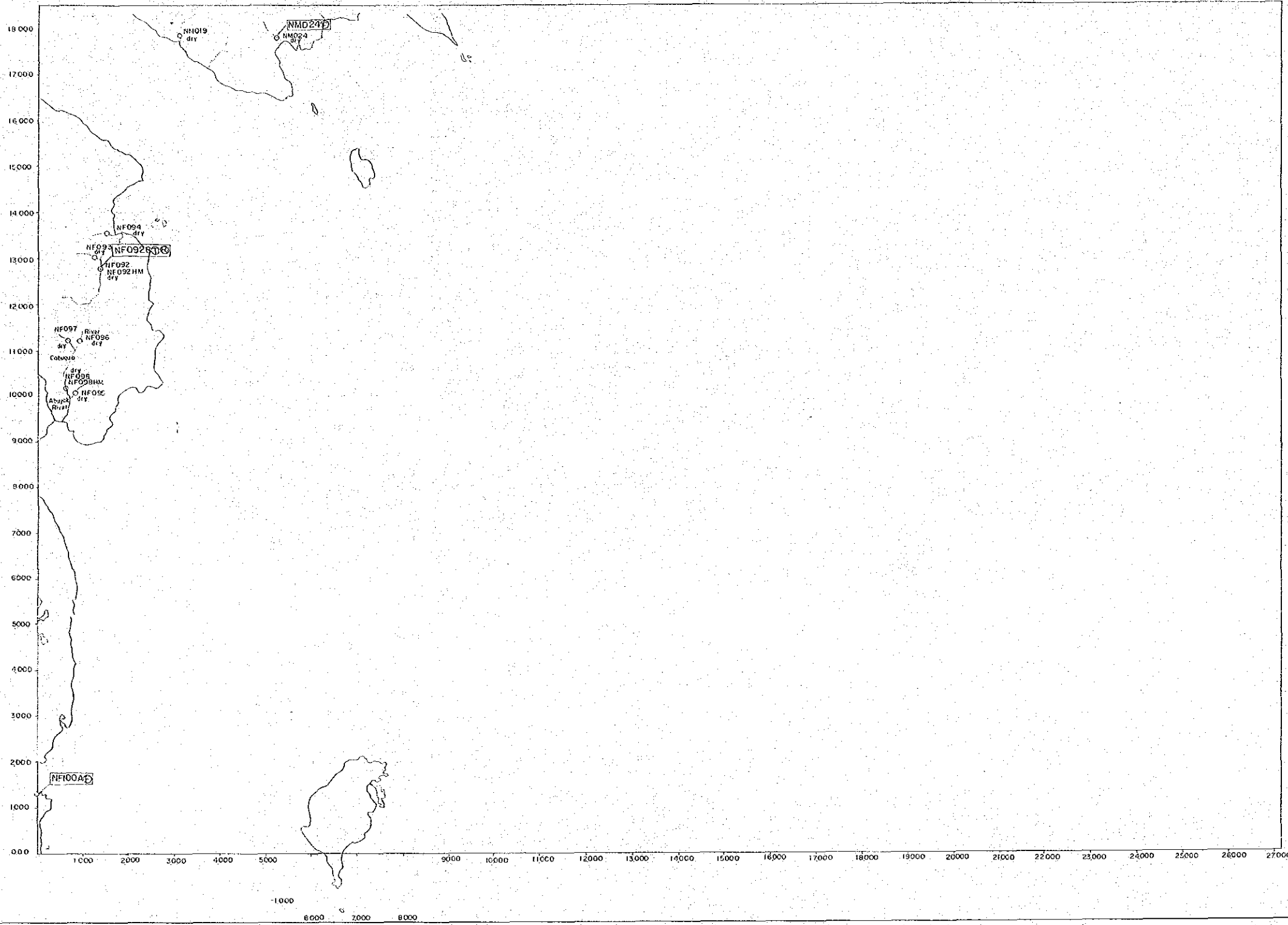


LEGEND

- : 河床堆積物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 ( $\mu S/cm$ )
- [B-48] : 室内試験サンプル採取位置

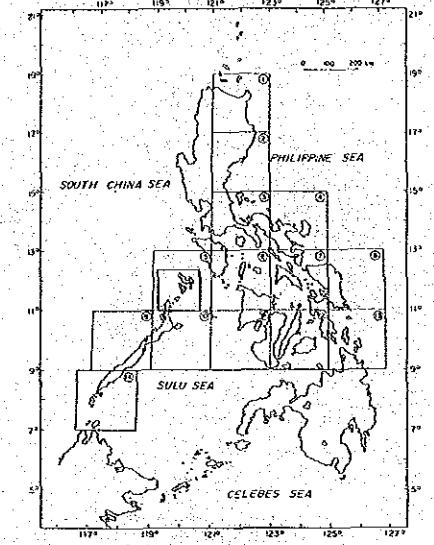
CABUGAO

3055 I



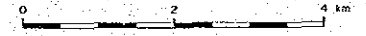
付図 2-8

フィリピン共和国  
 鉱物資源基本図調査  
 第4年次  
 パラワンV(ブスアンガ)地区  
 サンプル採取位置・pH値・電気伝導度図

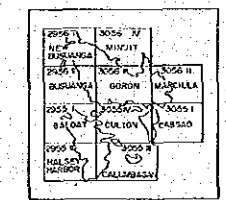


昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

Scale 1 : 50,000



LEGEND



- : 河床堆積物・重鉱物・サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置



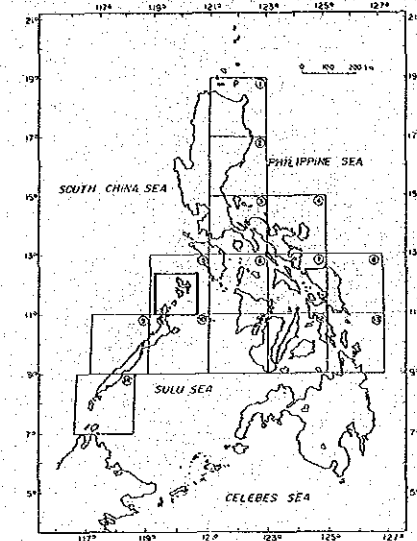
HALSEY HARBOR

2955 II



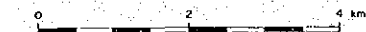
付図 2-9

フィリピン共和国  
 鉱物資源基本図調査  
 第4年次  
 パラワンV(プスアンガ)地区  
 サンプル採取位置・pH値・電気伝導度図

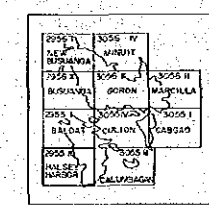


昭和63年3月  
 国際協力事業団  
 金属鉱業事業団

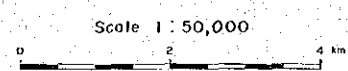
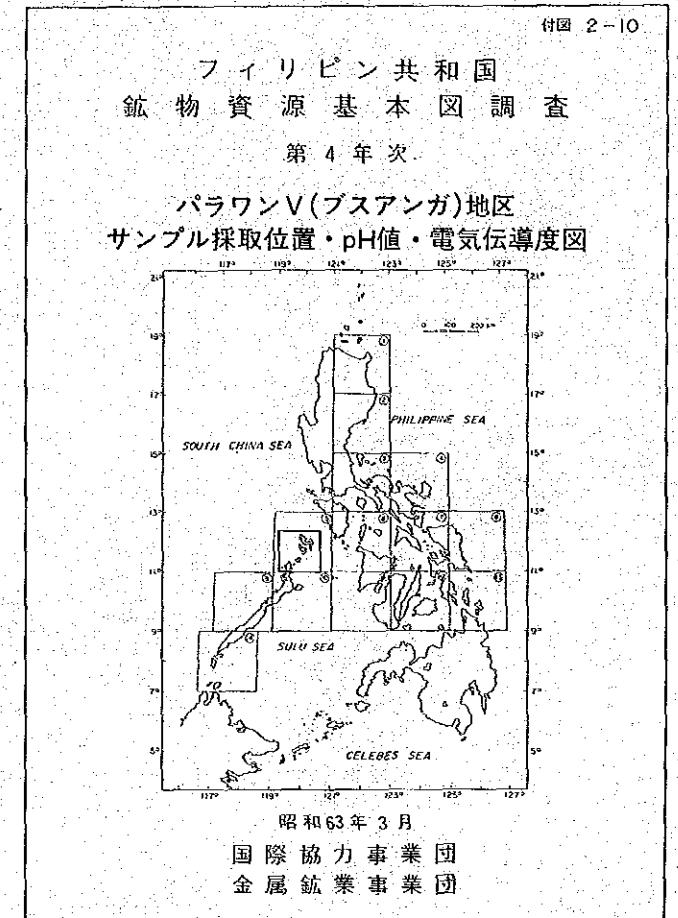
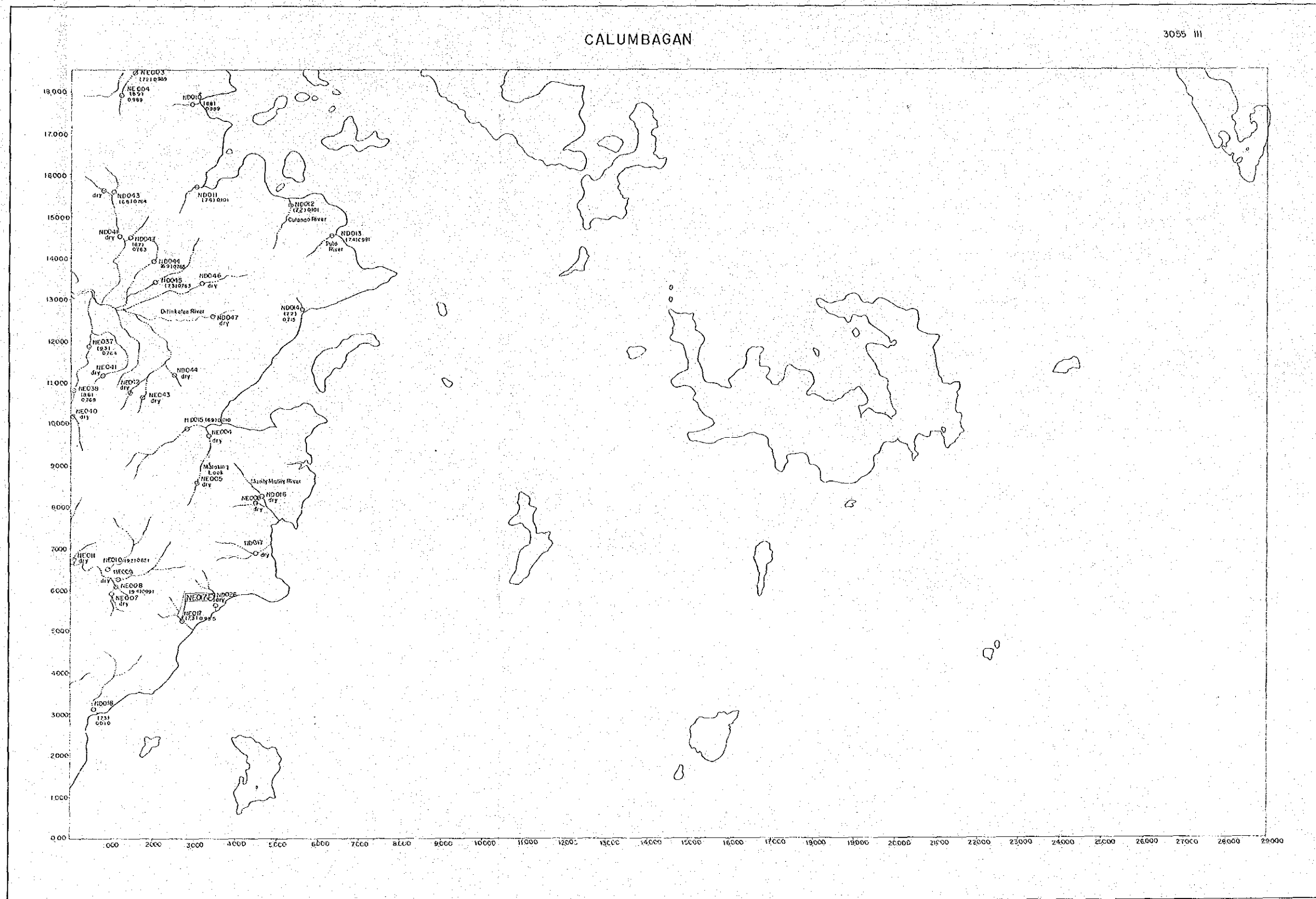
Scale 1:50,000



LEGEND



- : 河床堆積物・礫物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置



LEGEND

- : 河床堆積物・重鉱物 サンプル採取位置
- 17.01 : pH値
- 0.280 : 電気伝導度 (μS/cm)
- B-48 : 室内試験サンプル採取位置

