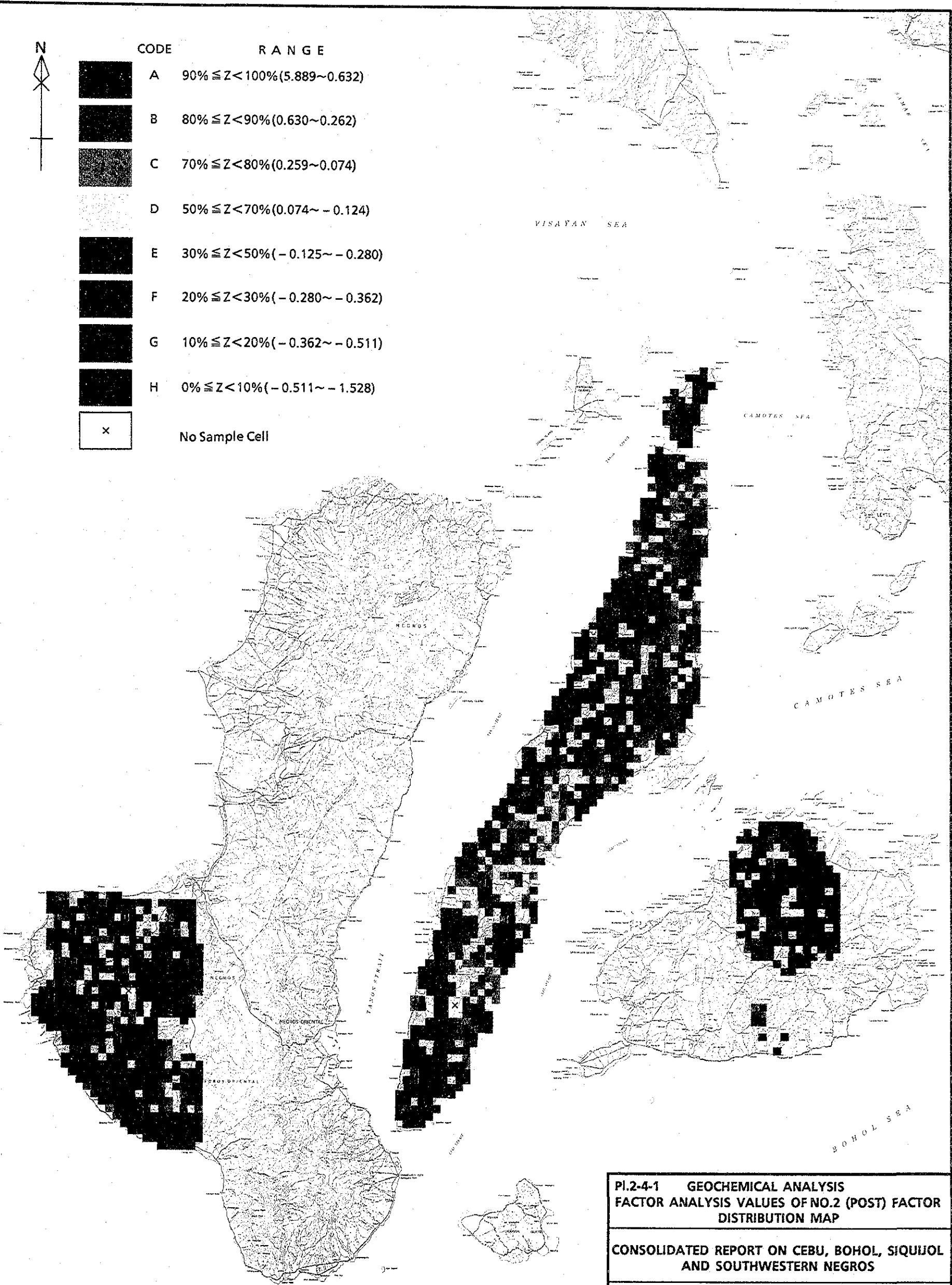


Pl. 2 - 4 (No. 1 ~ No. 5) 多変量解析 (因子分析) 因子得点分布図
(1/1,000,000)



CODE	RANGE
A	90% \leq Z < 100% (5.889~0.632)
B	80% \leq Z < 90% (0.630~0.262)
C	70% \leq Z < 80% (0.259~0.074)
D	50% \leq Z < 70% (0.074~ - 0.124)
E	30% \leq Z < 50% (- 0.125~ - 0.280)
F	20% \leq Z < 30% (- 0.280~ - 0.362)
G	10% \leq Z < 20% (- 0.362~ - 0.511)
H	0% \leq Z < 10% (- 0.511~ - 1.528)
X	No Sample Cell



0 10 20 30 40 50km
SCALE 1 : 1,000,000

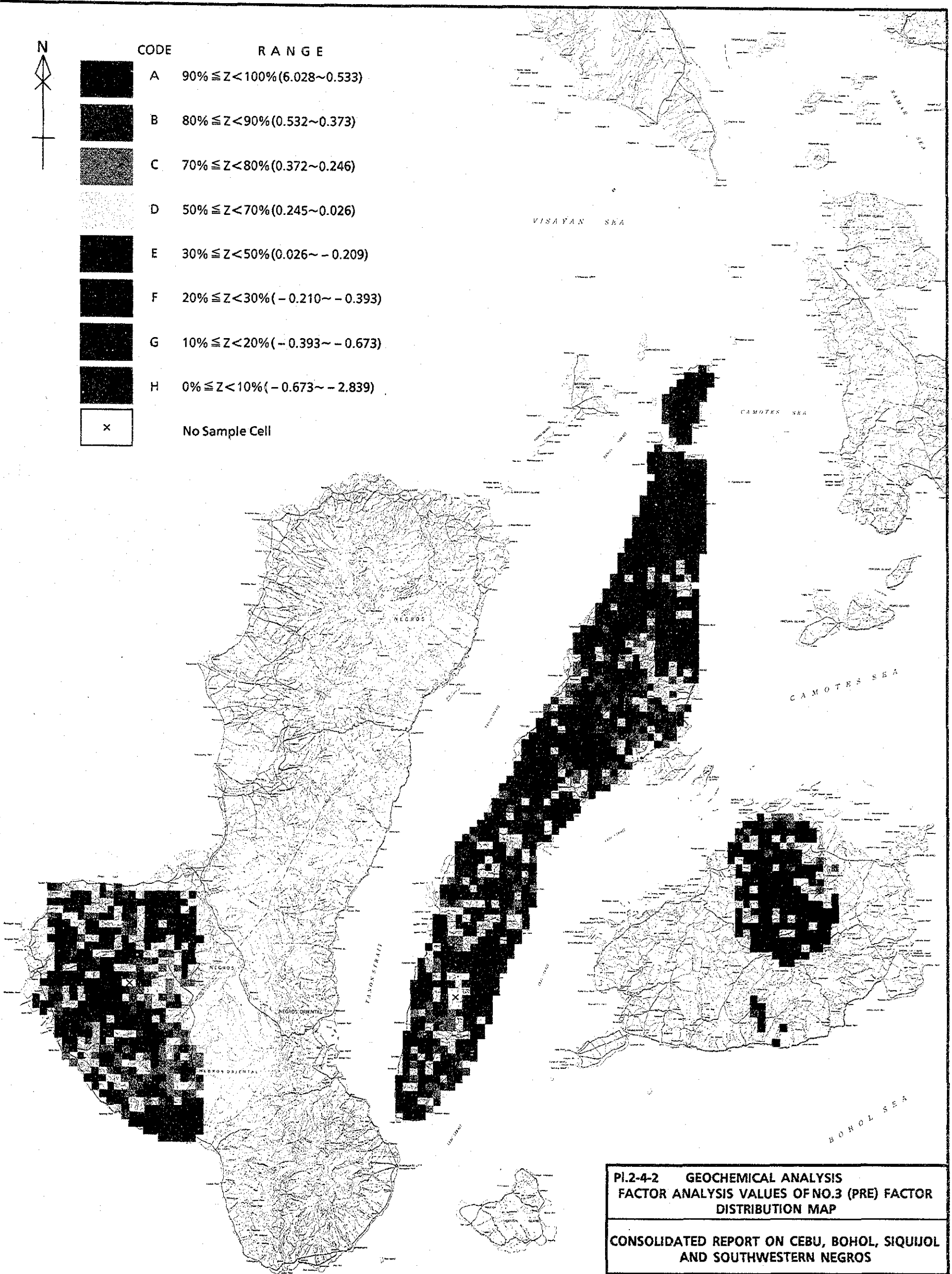
PI.2-4-1 GEOCHEMICAL ANALYSIS
FACTOR ANALYSIS VALUES OF NO.2 (POST) FACTOR
DISTRIBUTION MAP

CONSOLIDATED REPORT ON CEBU, BOHOL, SQUIJOL
AND SOUTHWESTERN NEGROS

THE MINERAL EXPLORATION-
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THE REPUBLIC OF THE PHILIPPINES



CODE	RANGE
A	90% \leq Z < 100% (6.028~0.533)
B	80% \leq Z < 90% (0.532~0.373)
C	70% \leq Z < 80% (0.372~0.246)
D	50% \leq Z < 70% (0.245~0.026)
E	30% \leq Z < 50% (0.026~ - 0.209)
F	20% \leq Z < 30% (- 0.210~ - 0.393)
G	10% \leq Z < 20% (- 0.393~ - 0.673)
H	0% \leq Z < 10% (- 0.673~ - 2.839)
X	No Sample Cell



0 10 20 30 40 50km
SCALE 1 : 1,000,000

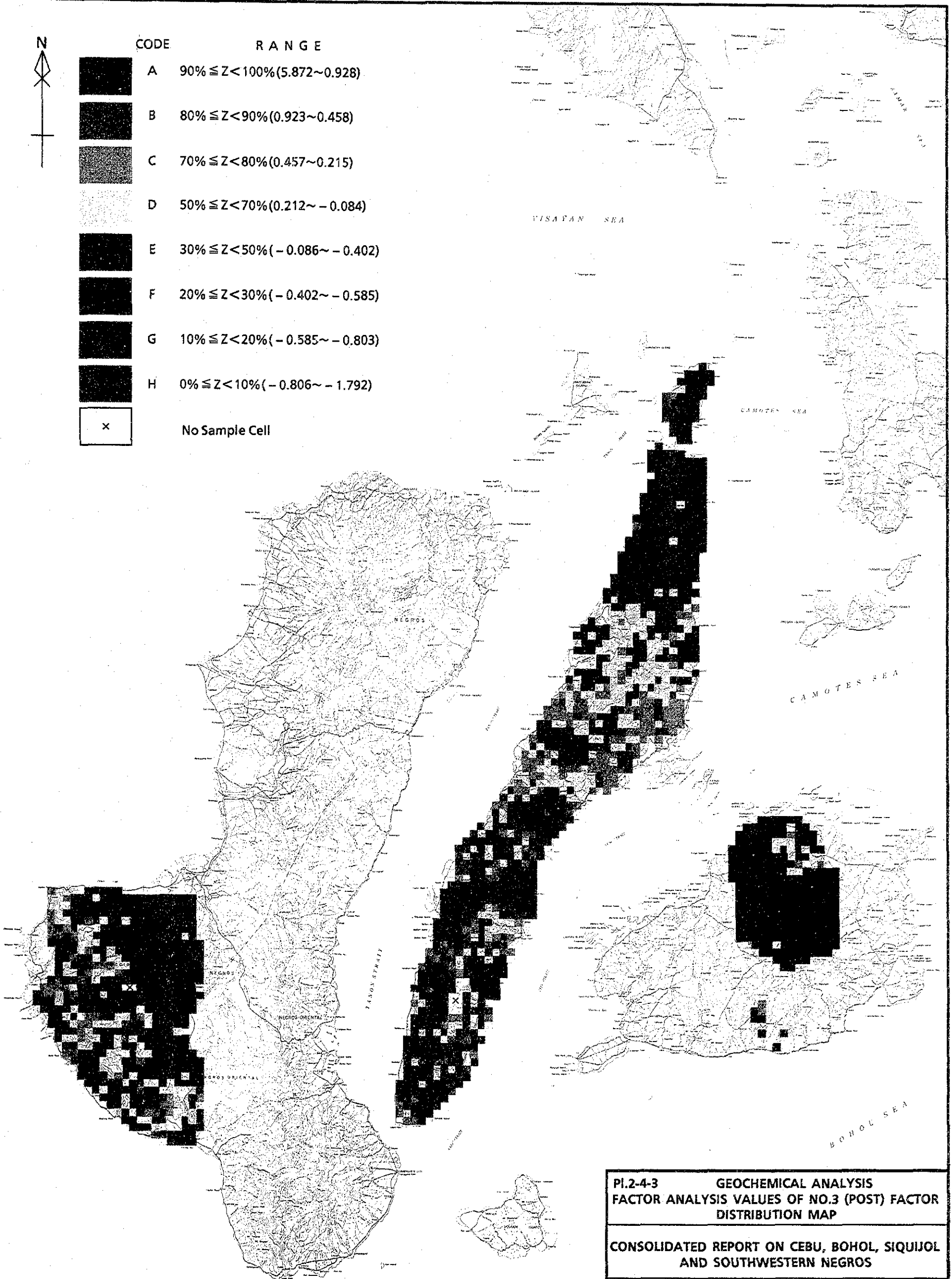
PI.2-4-2 GEOCHEMICAL ANALYSIS
FACTOR ANALYSIS VALUES OF NO.3 (PRE) FACTOR
DISTRIBUTION MAP

CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL
AND SOUTHWESTERN NEGROS

THE MINERAL EXPLORATION-
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IN
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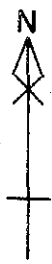
CODE	RANGE
A	$90\% \leq Z < 100\%$ (5.872~0.928)
B	$80\% \leq Z < 90\%$ (0.923~0.458)
C	$70\% \leq Z < 80\%$ (0.457~0.215)
D	$50\% \leq Z < 70\%$ (0.212~ - 0.084)
E	$30\% \leq Z < 50\%$ (- 0.086~ - 0.402)
F	$20\% \leq Z < 30\%$ (- 0.402~ - 0.585)
G	$10\% \leq Z < 20\%$ (- 0.585~ - 0.803)
H	$0\% \leq Z < 10\%$ (- 0.806~ - 1.792)
x	No Sample Cell



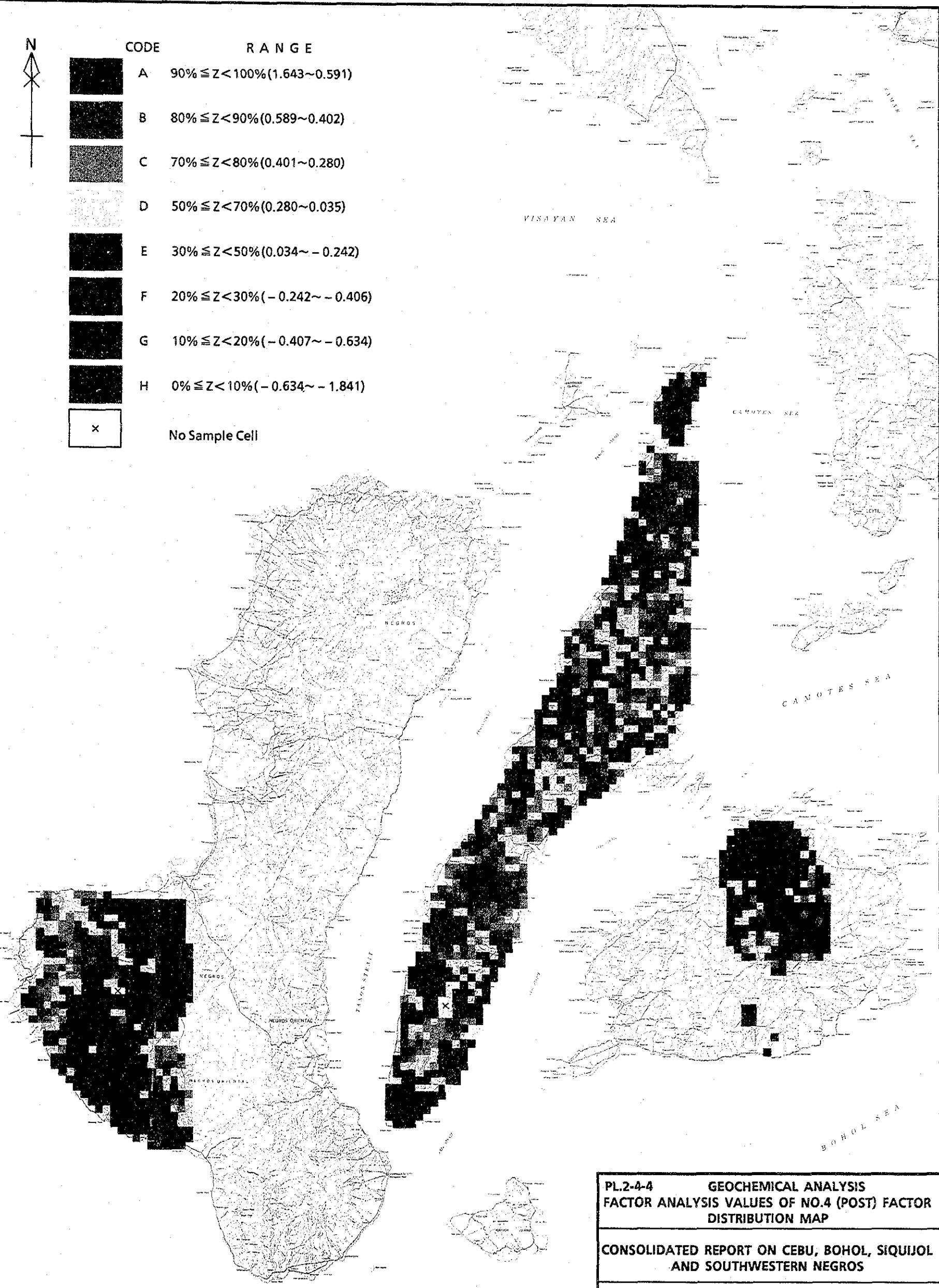
PI.2-4-3 GEOCHEMICAL ANALYSIS
FACTOR ANALYSIS VALUES OF NO.3 (POST) FACTOR
DISTRIBUTION MAP

CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL
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CODE	RANGE
A	$90\% \leq Z < 100\%$ (1.643~0.591)
B	$80\% \leq Z < 90\%$ (0.589~0.402)
C	$70\% \leq Z < 80\%$ (0.401~0.280)
D	$50\% \leq Z < 70\%$ (0.280~0.035)
E	$30\% \leq Z < 50\%$ (0.034~ - 0.242)
F	$20\% \leq Z < 30\%$ (- 0.242~ - 0.406)
G	$10\% \leq Z < 20\%$ (- 0.407~ - 0.634)
H	$0\% \leq Z < 10\%$ (- 0.634~ - 1.841)
X	No Sample Cell

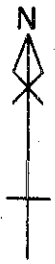


0 10 20 30 40 50km
SCALE 1 : 1,000,000

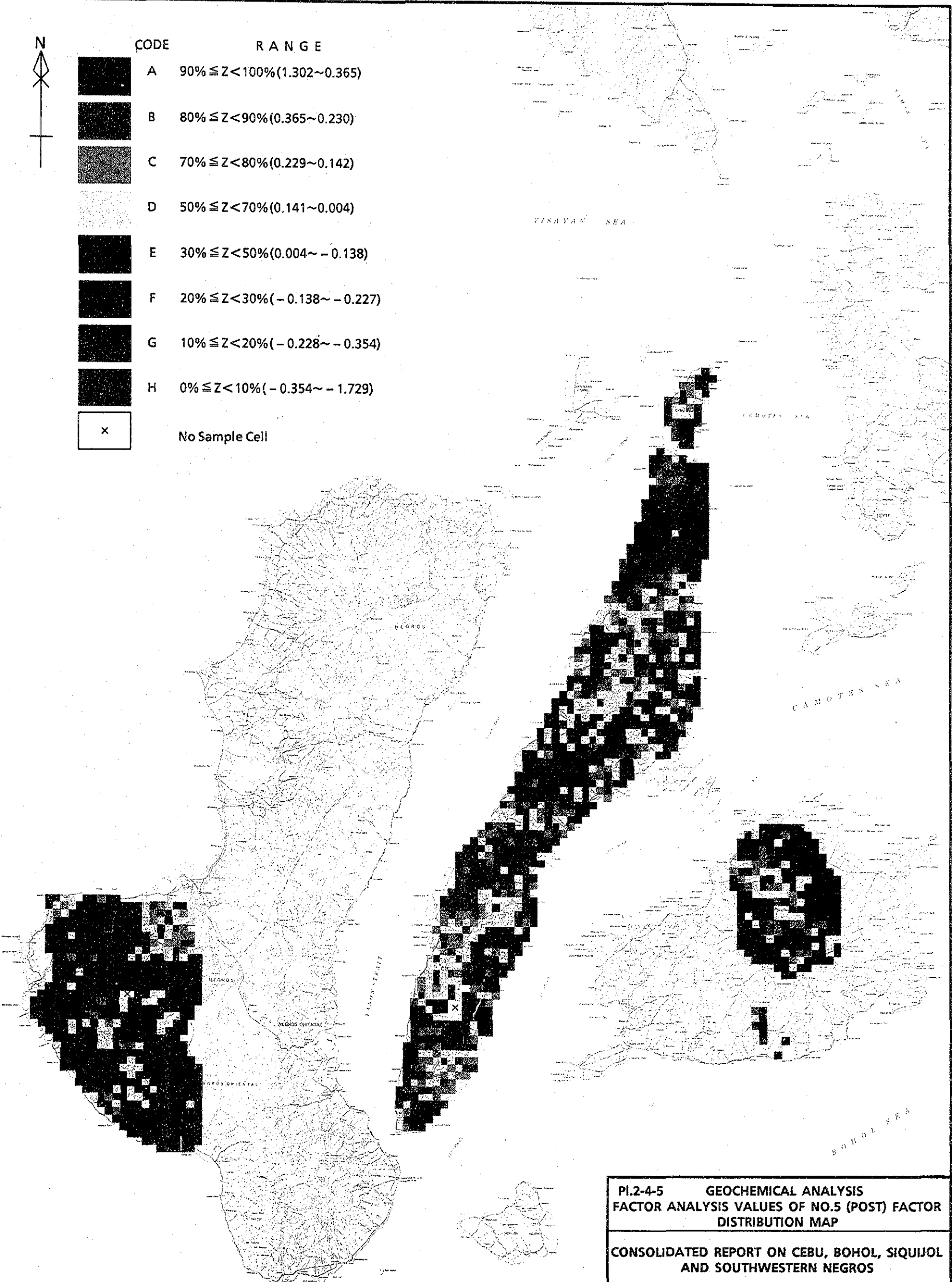
PL.2-4-4 GEOCHEMICAL ANALYSIS
FACTOR ANALYSIS VALUES OF NO.4 (POST) FACTOR
DISTRIBUTION MAP

**CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL
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CODE	RANGE
A	$90\% \leq Z < 100\%$ (1.302~0.365)
B	$80\% \leq Z < 90\%$ (0.365~0.230)
C	$70\% \leq Z < 80\%$ (0.229~0.142)
D	$50\% \leq Z < 70\%$ (0.141~0.004)
E	$30\% \leq Z < 50\%$ (0.004~ - 0.138)
F	$20\% \leq Z < 30\%$ (- 0.138~ - 0.227)
G	$10\% \leq Z < 20\%$ (- 0.228~ - 0.354)
H	$0\% \leq Z < 10\%$ (- 0.354~ - 1.729)
x	No Sample Cell



0 10 20 30 40 50km
SCALE 1 : 1,000,000

PI.2-4-5 GEOCHEMICAL ANALYSIS
FACTOR ANALYSIS VALUES OF NO.5 (POST) FACTOR
DISTRIBUTION MAP

CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL
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THE MINERAL EXPLORATION-
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THE REPUBLIC OF THE PHILIPPINES

- Pl. 3 重鉍物パンニング試料の異常値分布図 (1/1,000,000)
- Pl. 4 重鉍物パンニング試料の主要鉍物重量比分布図 (1/1,000,000)
- Pl. 5 重力 (ブーゲー異常) 分布図 (1/1,000,000)
- Pl. 6 空中磁気分布図 (1/1,000,000)
- Pl. 7 リニアメント解析図 (1/1,000,000)
- Pl. 8 鉍徴地位置図 (鉍徴地一覧表添付) (1/1,000,000)
- Pl. 9 既存データインデックス図 (1/1,000,000)
- Pl. 10 探査有望地と鉍徴地の関係図 (1/1,000,000)

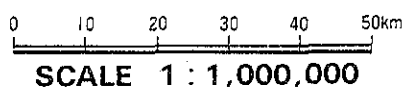
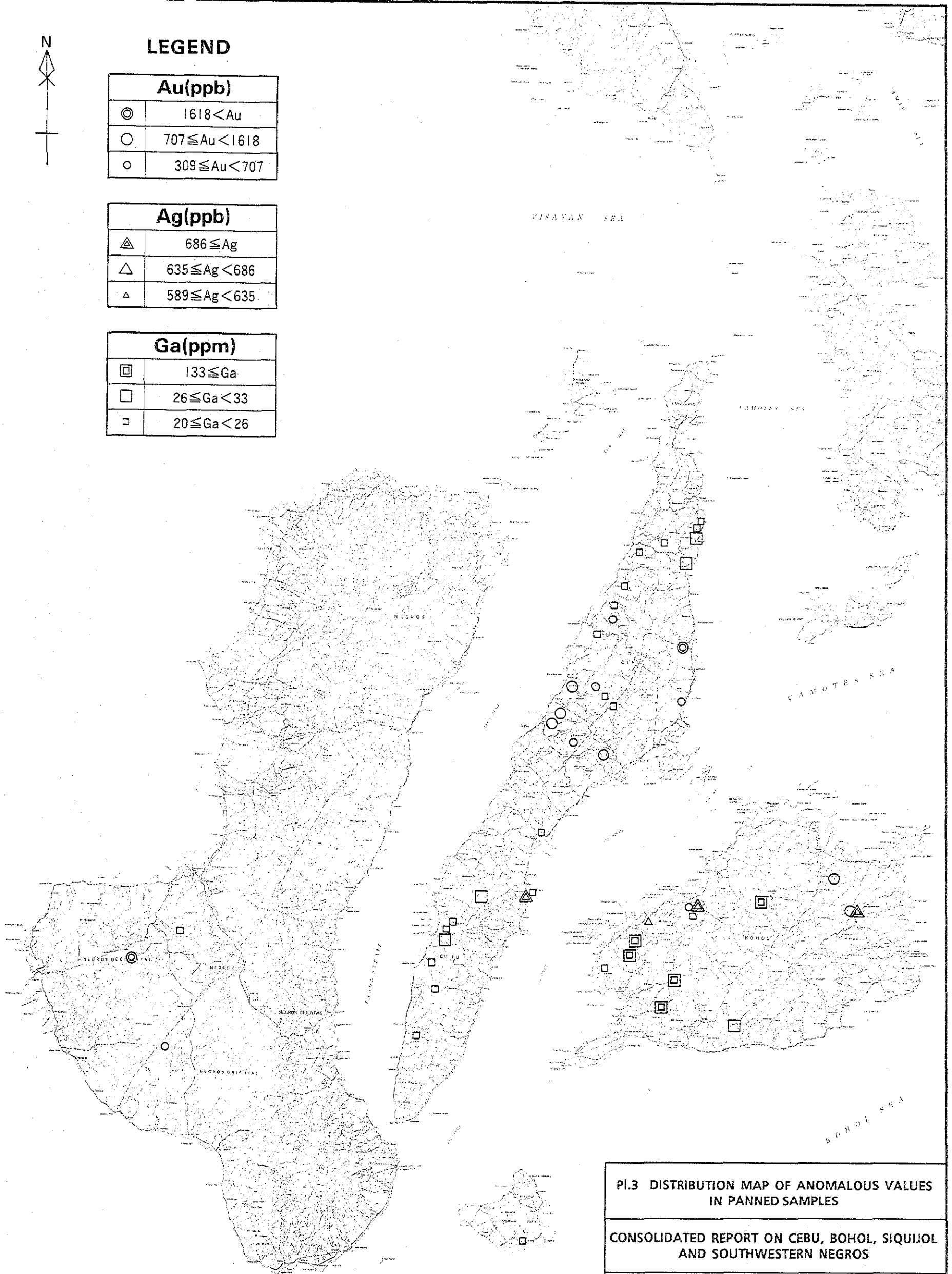


LEGEND

Au(ppb)	
⊙	1618 < Au
○	707 ≤ Au < 1618
◦	309 ≤ Au < 707

Ag(ppb)	
△	686 ≤ Ag
△	635 ≤ Ag < 686
△	589 ≤ Ag < 635

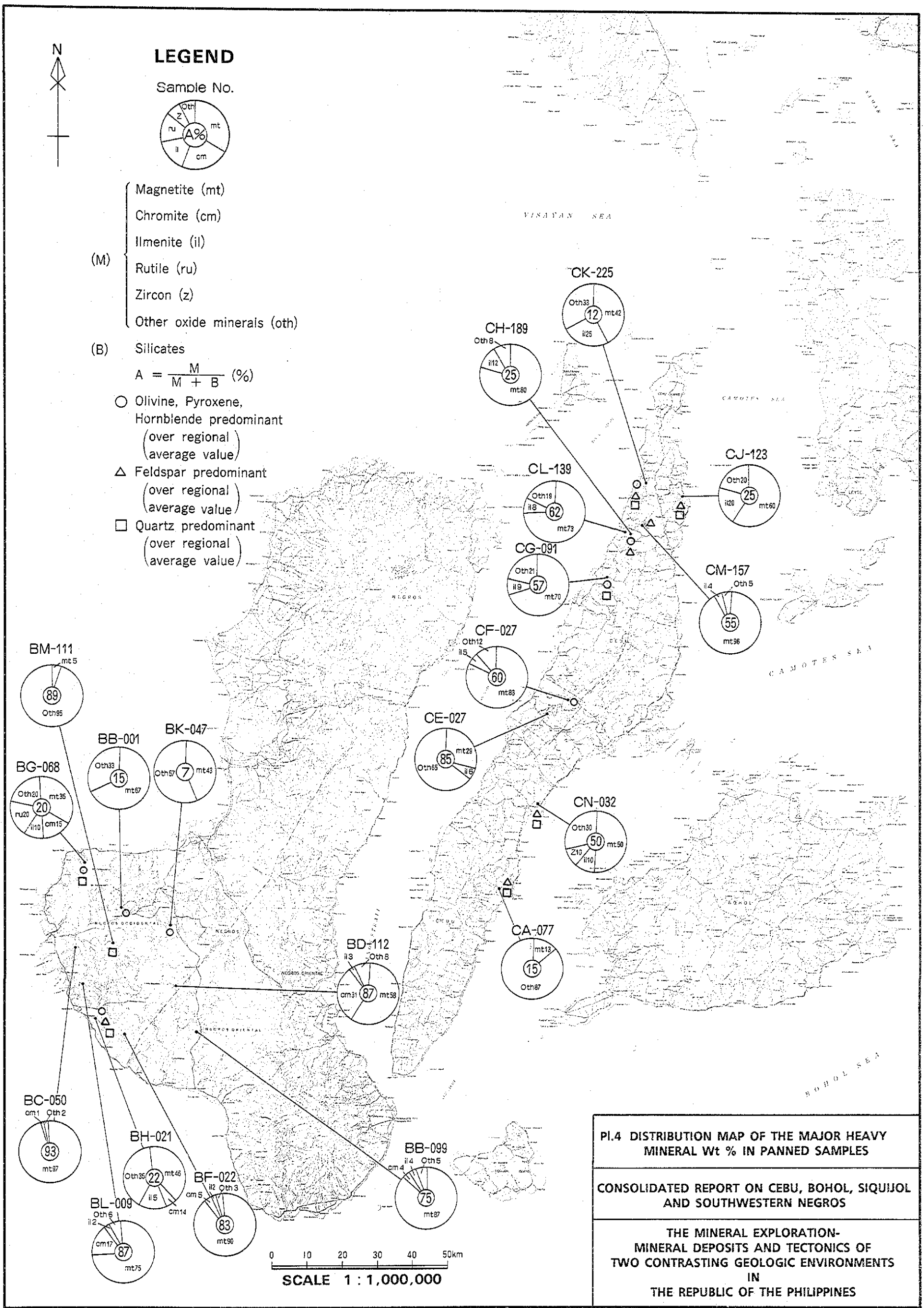
Ga(ppm)	
◻	133 ≤ Ga
◻	26 ≤ Ga < 33
◻	20 ≤ Ga < 26

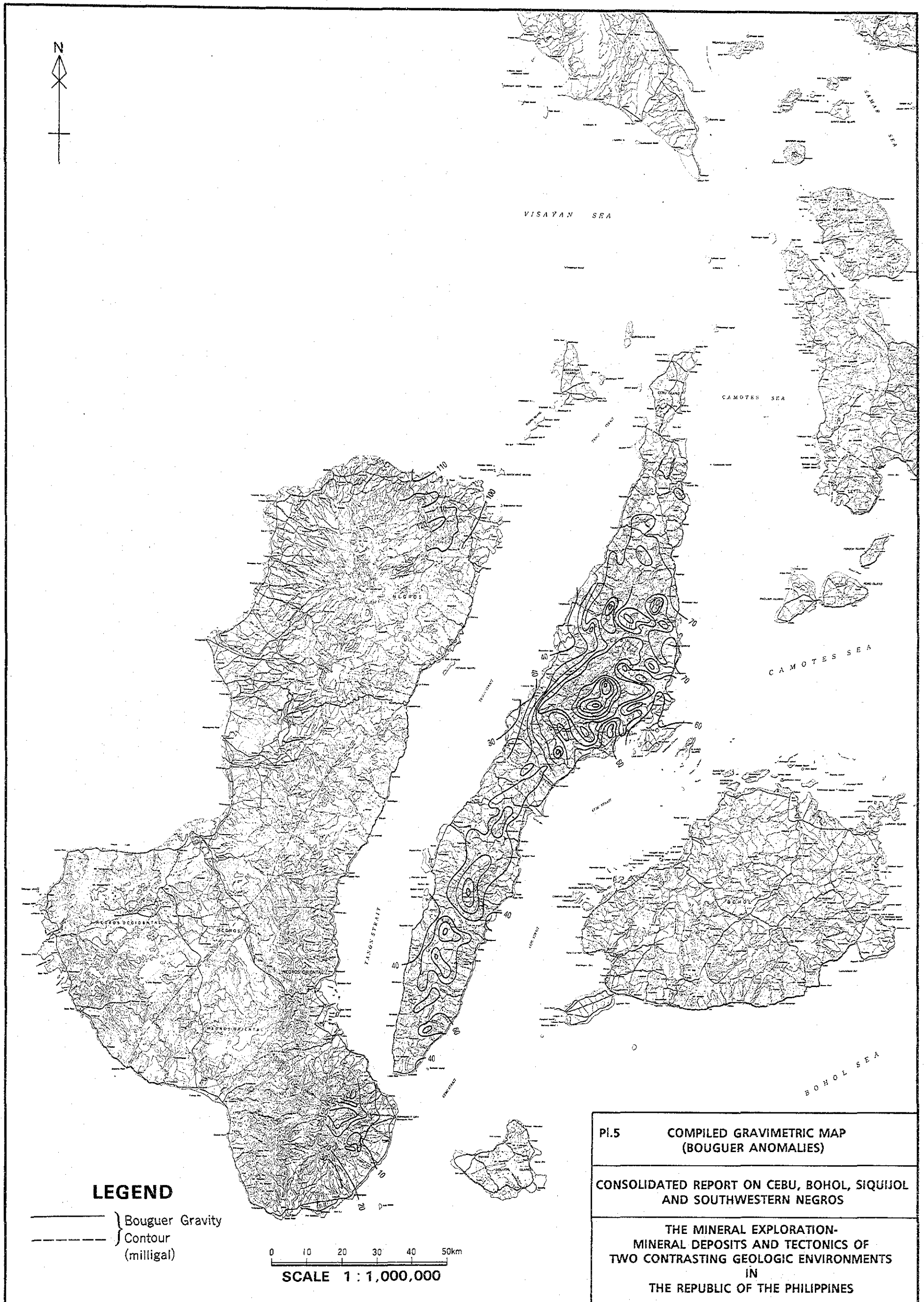


**PI.3 DISTRIBUTION MAP OF ANOMALOUS VALUES
IN PANNED SAMPLES**

**CONSOLIDATED REPORT ON CEBU, BOHOL, SQUIJOL
AND SOUTHWESTERN NEGROS**

**THE MINERAL EXPLORATION-
MINERAL DEPOSITS AND TECTONICS OF
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IN
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LEGEND

———— } Bouguer Gravity
 - - - - - } Contour
 (milligal)

0 10 20 30 40 50km
SCALE 1 : 1,000,000

PI.5 **COMPILED GRAVIMETRIC MAP**
 (BOUGUER ANOMALIES)
CONSOLIDATED REPORT ON CEBU, BOHOL, SIKUIJOL
AND SOUTHWESTERN NEGROS

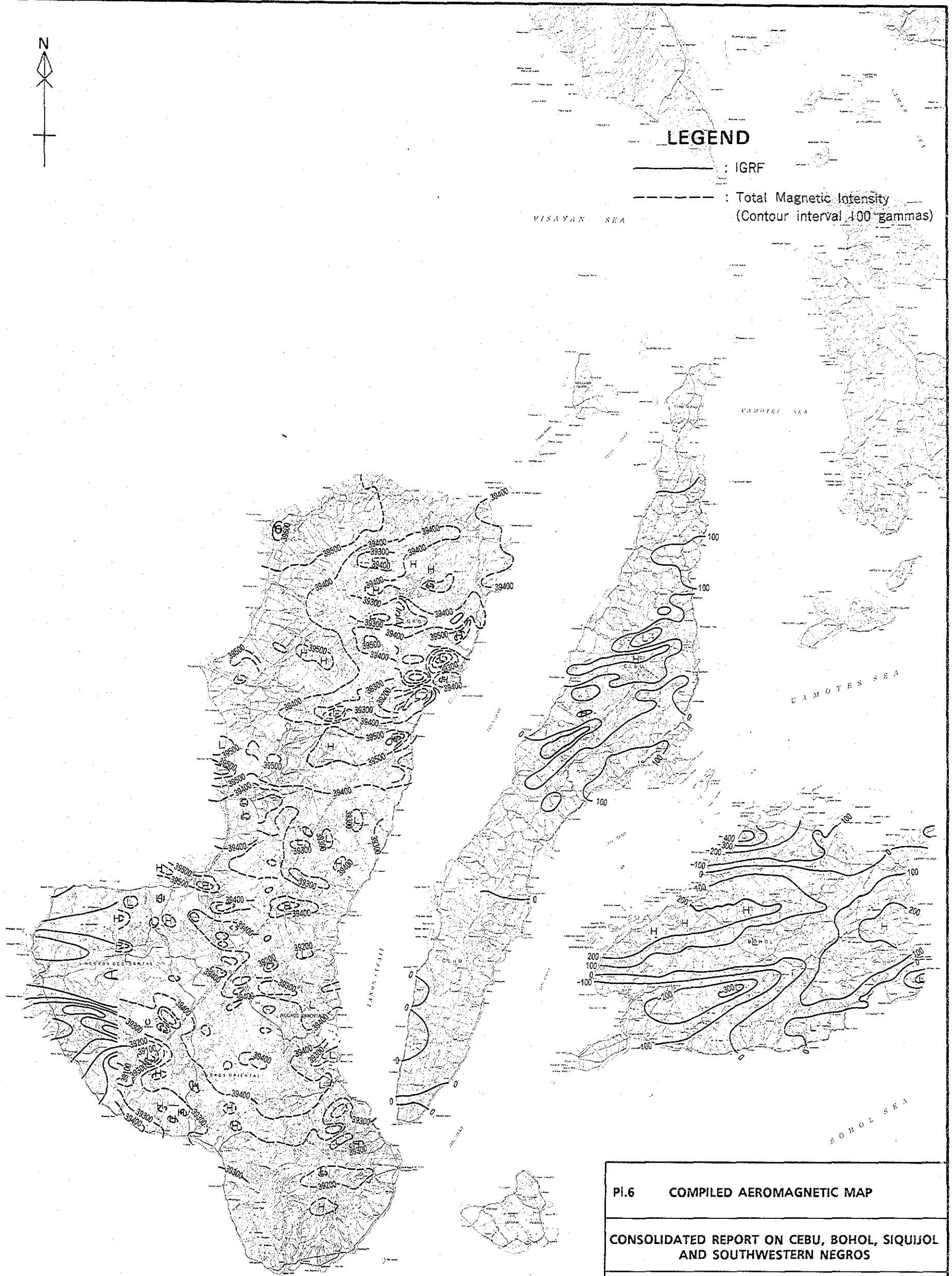
THE MINERAL EXPLORATION-
MINERAL DEPOSITS AND TECTONICS OF
TWO CONTRASTING GEOLOGIC ENVIRONMENTS
IN
THE REPUBLIC OF THE PHILIPPINES



LEGEND

— : IGRF

- - - : Total Magnetic Intensity
(Contour interval 100 gammas)



0 10 20 30 40 50km
SCALE 1 : 1,000,000

PI.6 COMPILED AEROMAGNETIC MAP

**CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL
AND SOUTHWESTERN NEGROS**

**THE MINERAL EXPLORATION-
MINERAL DEPOSITS AND TECTONICS OF
TWO CONTRASTING GEOLOGIC ENVIRONMENTS
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LEGEND

Major lineament

Minor lineament

Subtle lineament

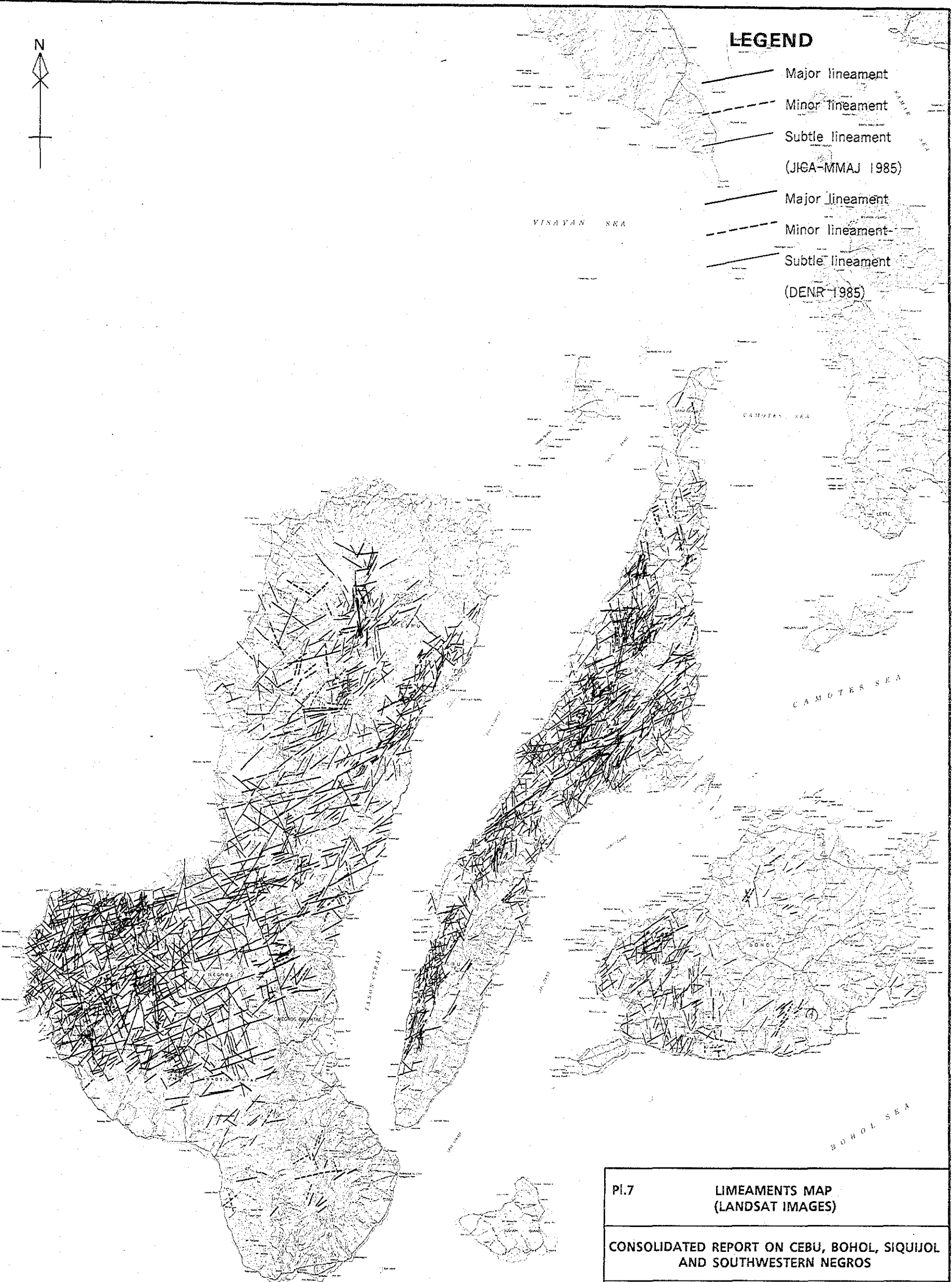
(JICA-MMAJ 1985)

Major lineament

Minor lineament

Subtle lineament

(DENR 1985)



0 10 20 30 40 50km
SCALE 1 : 1,000,000

PI.7	LIMEAMENTS MAP (LANDSAT IMAGES)
CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL AND SOUTHWESTERN NEGROS	
THE MINERAL EXPLORATION- MINERAL DEPOSITS AND TECTONICS OF TWO CONTRASTING GEOLOGIC ENVIRONMENTS IN THE REPUBLIC OF THE PHILIPPINES	

鉍徵地一覽表

Cebu Island

Metallics	
17.	Matugan, Balamban
33.	Mandawe River, Binaliw
37.	Panganilan, Toledo City
38.	Sinsin and Sudlon, Cebu City
39.	Ningka-on and Sinsin, Cebu City
40.	Botong Sinsin, Cebu City
41.	Biga, Toledo City
42.	Biga, Toledo City
43.	Biga, Toledo City
44.	Biga, Kanapnapan, Toledo City
45.	Lantay, Biga, Toledo City
47.	Kanapnapan, Toledo City
51.	Minglanilla, Toledo City
89.	San Miguel
94.	Carmen & Cotmon
95.	Santa Rita
96.	Buanoy
97.	Maypay
98.	Sigpit Lutopan
99.	Consolacion-1
100.	Consolacion-2
101.	Consolacion-3

Nonmetallics	
1.	Mabuli, Tabogon
2.	Bagacay, Tabogon
3.	Nonoc, Liki and Sagay, Borbom
4.	Tabubuelan Area
5.	S.W. Pansoy, Sogod Area
6.	Tiguib and Apalan, Tuburan
7.	Catmonda-an
8.	Libo, Lagba-o and Colonia, Tuburan
9.	Macaas, Catmon
10.	Km 31 Macaas, Catmon
11.	Panalipan Bridge, Catmon
12.	1 Km S.W. of Panalipan Bridge
13.	Puente Area
14.	Carmen and Catbog
15.	Baring, Corte, Puente, Boyo and Siotes, Carmen
16.	Carmen Area
18.	Km 81-82 Asturias
19.	Tubigag, Manok, Sta. Rita and Bago, Asturias
20.	Agtugop, Asturias
21.	Guinsay, Danao City
22.	Mayama, Biasong, Balamban
23.	Danao Town
24.	Looc, Danao City
25.	Baliang, Danao City
26.	Danao City
27.	Libong-Tubig, Kambuhawi, Sam-ang, Mayama and Biagong, Balamban
28.	Maslong, Danao City
29.	Bongaluga, Compostela
30.	Tag-Angilan, Mulao, Compostela
31.	Tuburan and Tiltlan, Liloan
32.	Carmen and Catbog
34.	Lataban, Liloan
35.	Kotkot, Compostela
36.	Malubog, Toledo City
46.	Latawan, Tuburan, Cebu City
48.	Danao, Compostela, Toledo-Naga, Argao, Dalaguete
49.	Contabaco and Masaba, Nega, Toledo City
50.	Bunga and Cuya, Toledo City
52.	Pook, Talisay, Cebu City
53.	Pangdan, Naga, Cebu City
54.	Poblacion, Naga
55.	Pangdan, 4 km W. of Naga
56.	Naga and Fernando
57.	Mangoto, Pinamunghan
58.	5 km S.W. of Aloguinasan
59.	Tuyon, Valladolid, Carcar
60.	Sibongan Area
61.	Dumanjug Coast
62.	Rondan Area
63.	Badlan Area
64.	Lambog, Badian
65.	Mantalongon, Ablayan, Dalaguete
66.	Ablayan Area
67.	Grandchina, Kabagol and Maangtud, Mantankngon, Dalaguete
68.	1.5 km from Dalaguete Town
69.	Macopa Creek, Alcoy
70.	Boljoon Area
71.	Oslob Area
79.	Sibonga
82.	Lot-ud-Guinbawian
83.	Samboan, Ginatitan
84.	Alpaco, Naga
85.	Banang
86.	Lutak
87.	Sibago, Pinamangahan
88.	Uling, Naga
90.	Loca & Lamesa, Balamba
91.	San Vicente, Liloan
92.	Mabini
93.	Danao, Compostela & Liloan

Bohol Island

Metallics	
2.	Salog, Jetafe
3.	Balisong, Salog, Jetafe
6.	Bagacay, Talibon
7.	Laka, Salog, Jetafe
8.	Camparot
9.	Balisong, Bagacay, Talibon
10.	Baas, Bagacay, Talibon
15.	Nagasnas Hill, Alica
17.	Buenavista, Carmen
24.	Salamanca, Colonia, Carmen
28.	Bactol, Jagna

29.	Banglawag, Buero
41.	Bonakan, Jetap
42.	Laka
43.	Kauswagan
44.	Mahayag
45.	Anda
46.	Guindulman-Anda
47.	Unknown
48.	id
49.	id
50.	id
51.	id
52.	id
54.	Boyog
55.	Unknown
56.	Campacot
57.	Cangmundo
58.	Baas
59.	Salamanca
60.	Bactol
61.	Bangwalog

Nonmetallics	
1.	Jau Island
4.	Kauswagan, San Isidro
5.	Balintawak, Talibon
11.	Catigbian, Buenavista
12.	Cave, Nabaud, Inabanga
13.	Balintawak and Baugon, Clarin
14.	Dagnawan and San Roque, Sagbayan
16.	Cabidian, Mabini
18.	Poblacion, Bongbong, Ambuan and Rizal, Catigbian
19.	Tiwi and Tan-awon, Loon
20.	Montehermoso, La Victoria and Monte Suerte, Carmen
21.	Sinibaon Cave, Nan-od, Sierra Bullones
22.	Marcelo, Batuan and Tambo, Mabini
23.	Cabiawan Cave and Katiniog Cave, Guindulman
25.	Bikahan and Taguta-as, Antequera
26.	Kalaguban Cave, Bood, Maribojoc
27.	Sta. Cruz and Upper Cabacnitán, Batuan
30.	Magaiga, Baucan Sur, Buyog, Datog, Saling and San Roque, Balilihan
31.	La Paz, Lourdas and Fatima, Cortes
32.	Libjo, Cambuac Norte and Bahay-bahay, Sikatuna
33.	Licoico, Lagtangan, Caubagin and Magsaysay, Sevilla
34.	Villa Suerte and Cambigao, Bilar
35.	Nanangkaan, Corella
36.	Ka Melchor and Kaiyo Cave, Payahan, Cayawa and Tonday, Badayon
37.	Jimilian and Buenavista, Loboc
38.	Hophopan Cave, Omijon, Valencia
39.	Jau Island
40.	Garcia Hernandez (Philippine Sinter Corp.)
53.	Ubay

Siquijor Island

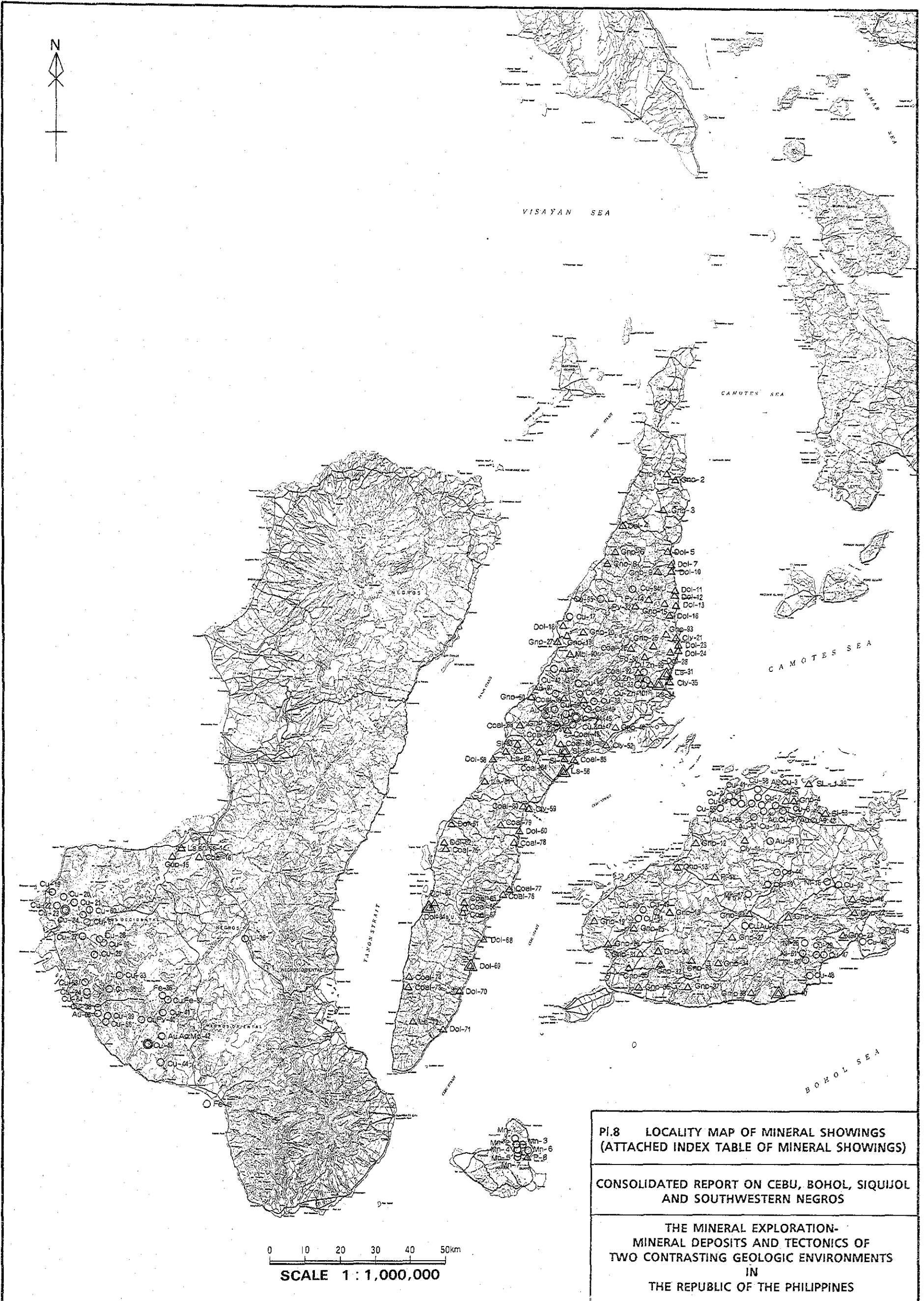
Metallics	
1.	Larena
1.	Conmasque & Lotlotan
3.	Red Hill Area
3.	Nangka-Maria Clara
7.	Samba Mine
7.	Pisong

Nonmetallics	
8.	Capalasanan Lazi
8.	Pisong Maria

Southwest Negros

Metallics	
19.	Inayawan, Cauayan
20.	Baclao, Catagana, Cauayan
21.	Inayawan, Cauayan
22.	Nagdo, Baclao, Cauayan
23.	San Jose, Sipalay
24.	Umas and Mambuyang, Binulig, Sipalay
25.	Bindoy
27.	Nauhang and Binusay, Manlucahoc, Sipalay
28.	Binusay, Manlucahoc, Sipalay
29.	Colet and Catwanan, Manlucahoc
33.	Bagathan, Ilog
35.	Maoyasoyas and Panocondocon, Damutan, Hinoba-an
36.	New Manila, Pinggot, Ilog
37.	New Manila, Pinggot, Ilog
38.	Asia, Hinoba-an
39.	Bulwagan, Asia, Hinoba-an
40.	Maatop, Hinoba-an
41.	8 km S. of New Manila, Magbello, Kabankalan
42.	Lungon, Basay
43.	Muhong, Maglinao, Basay
44.	Aya-aya, Basay, Bayauan
45.	Sta. Catalina
60.	Calatong River II
61.	Calatong River I
62.	Cabilocan River
63.	Sangke
64.	Alingadyon
65.	Paling Gamay
66.	Capayasan

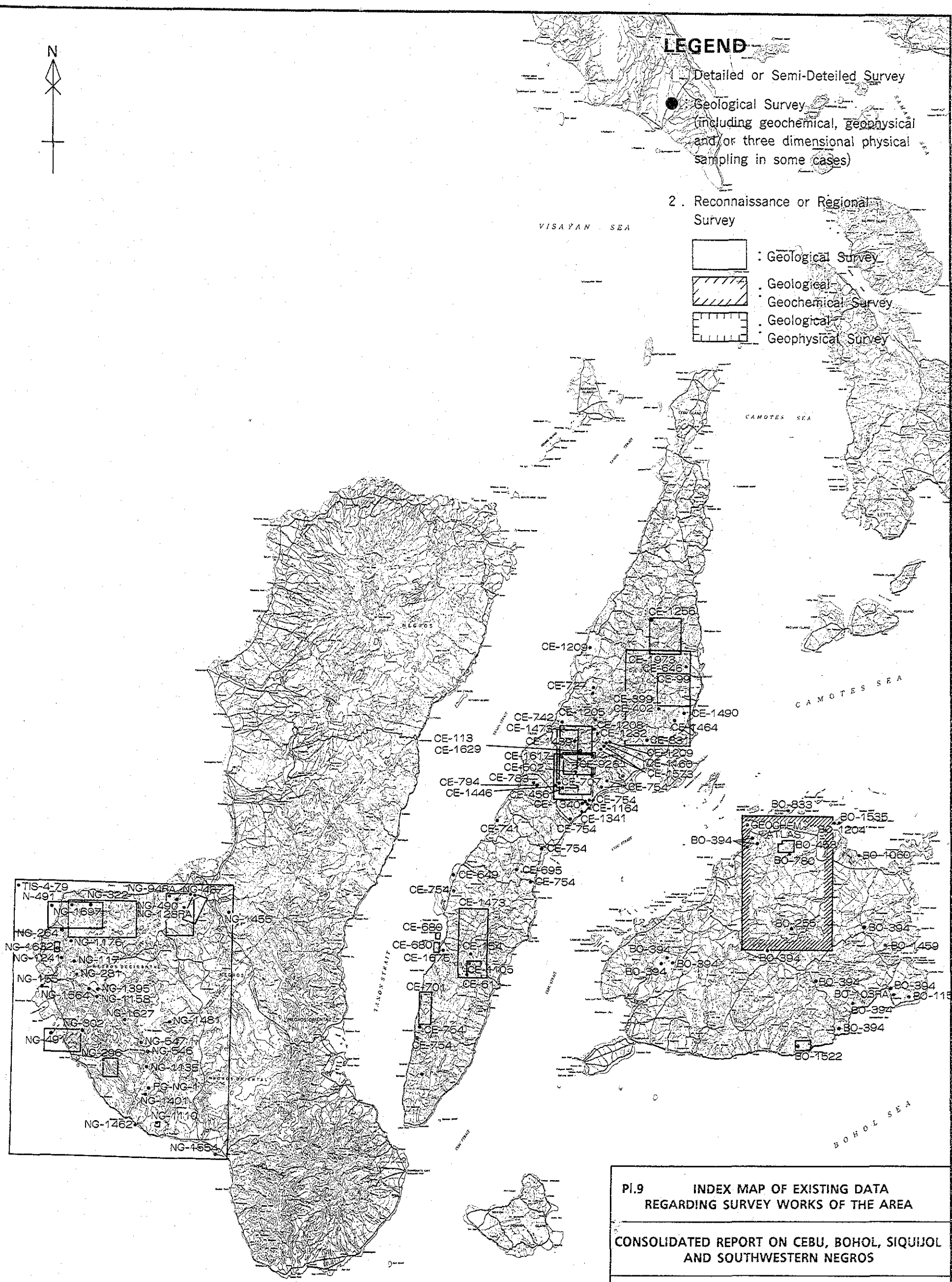
Nonmetallics	
14.	Dancalan, Ilog
15.	Dancalan, Ilog
16.	Tapul and Salong, Kabankalan
30.	Maricalum, Sipalay





LEGEND

- Detailed or Semi-Detailed Survey
- Geological Survey (including geochemical, geophysical and/or three dimensional physical sampling in some cases)
- 2. Reconnaissance or Regional Survey
 - Geological Survey
 - ▨ Geological-Geochemical Survey
 - ▩ Geological-Geophysical Survey



0 10 20 30 40 50km
SCALE 1 : 1,000,000

PI.9 INDEX MAP OF EXISTING DATA REGARDING SURVEY WORKS OF THE AREA
CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOL AND SOUTHWESTERN NEGROS
THE MINERAL EXPLORATION- MINERAL DEPOSITS AND TECTONICS OF TWO CONTRASTING GEOLOGIC ENVIRONMENTS IN THE REPUBLIC OF THE PHILIPPINES



LEGEND

- 51 : Locality of investigated mineral showing
- II : Promising Area



PI.10 RELATION MAP BETWEEN PROMISING AREA AND MINERAL SHOWINGS LOCALITIES

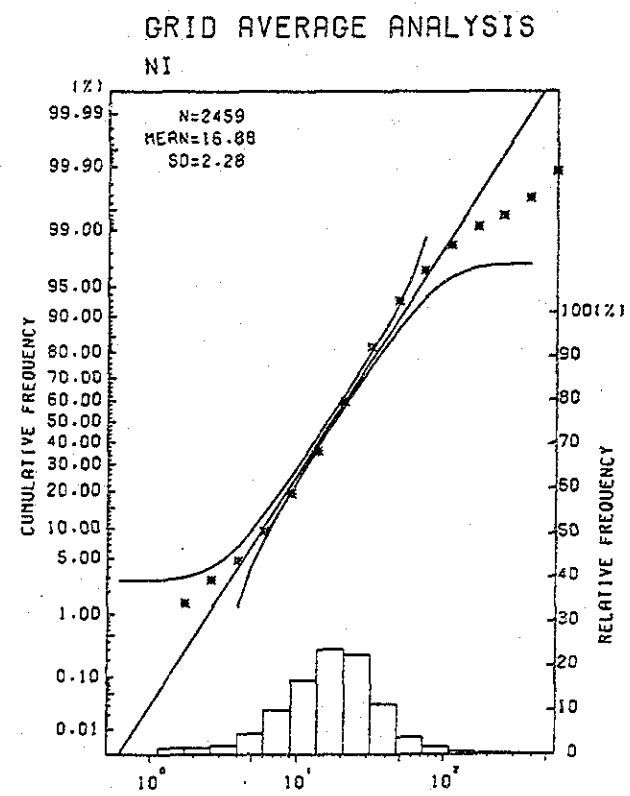
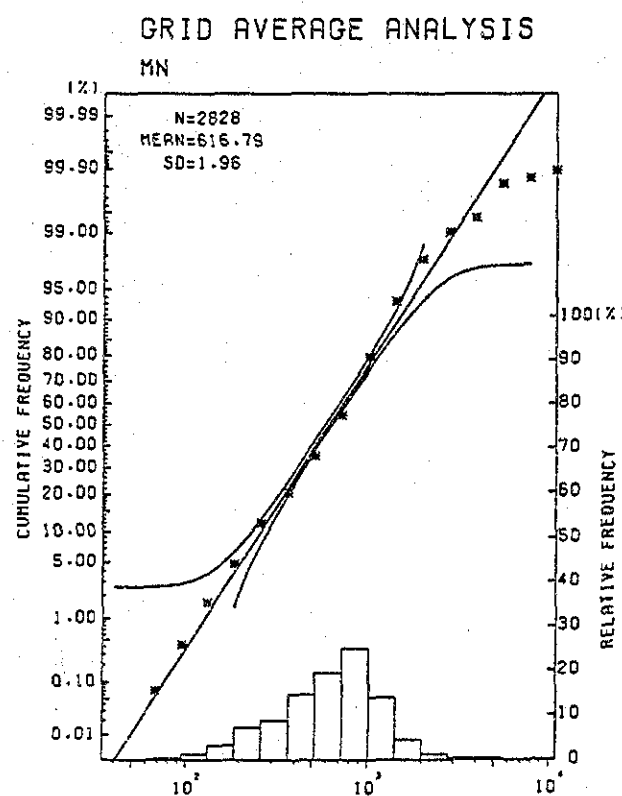
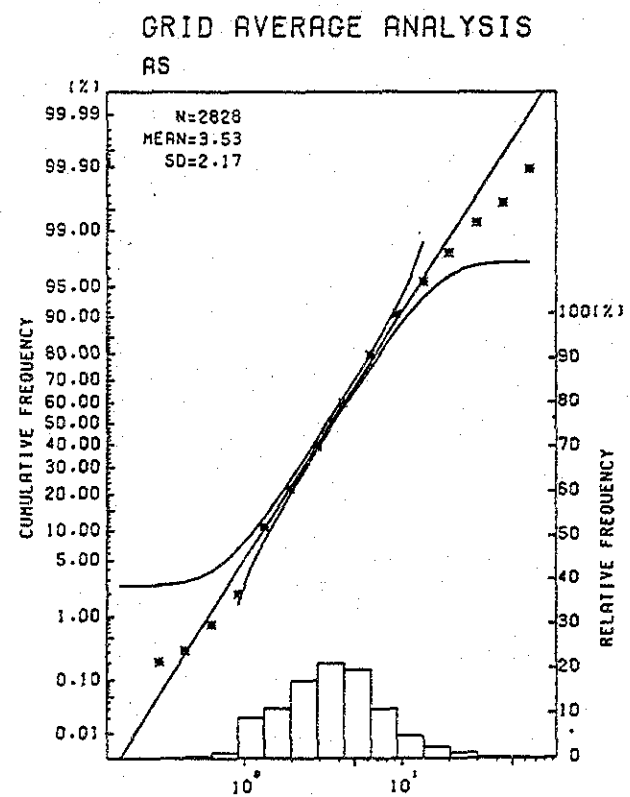
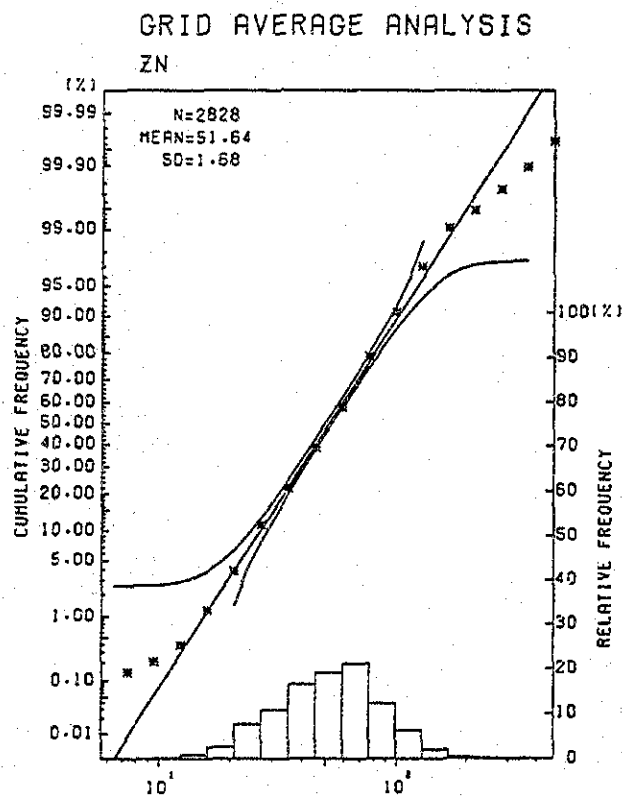
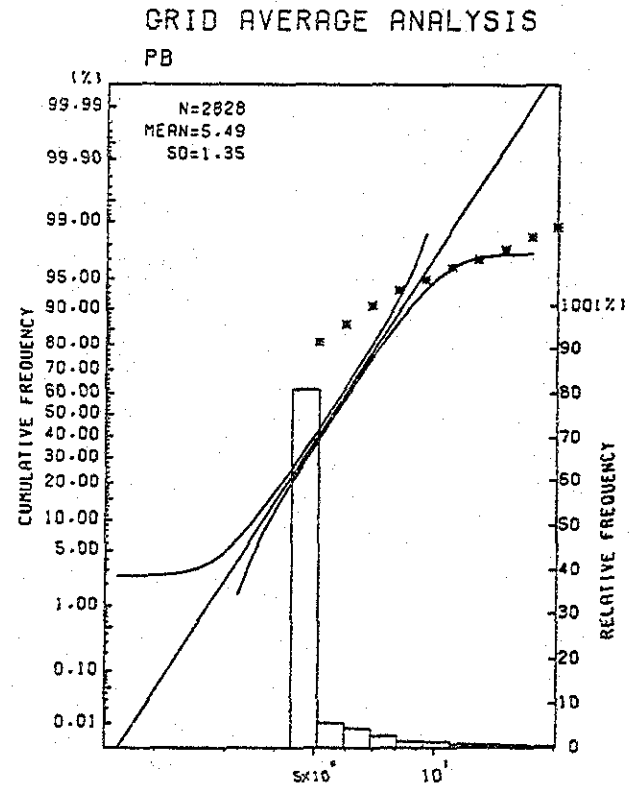
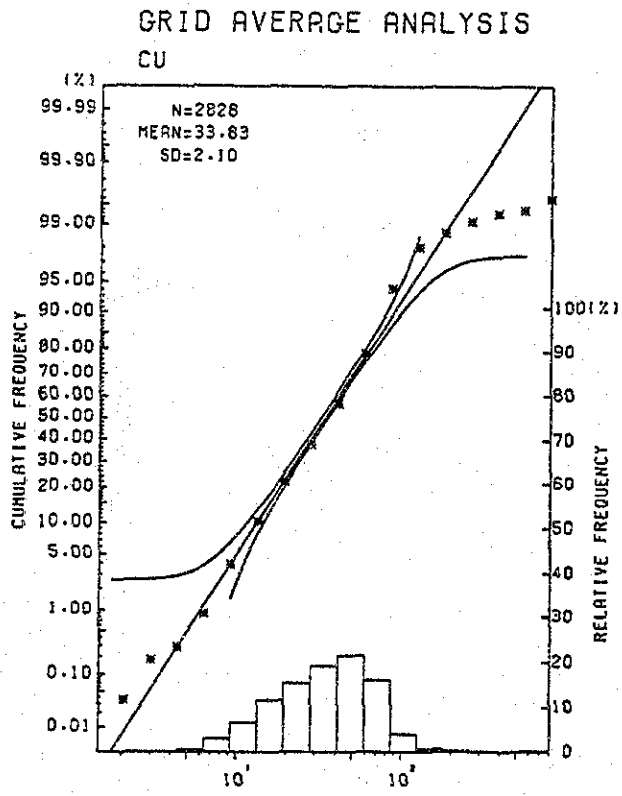
CONSOLIDATED REPORT ON CEBU, BOHOL, SIQUIJOR AND SOUTHWESTERN NEGROS

THE MINERAL EXPLORATION- MINERAL DEPOSITS AND TECTONICS OF TWO CONTRASTING GEOLOGIC ENVIRONMENTS IN THE REPUBLIC OF THE PHILIPPINES

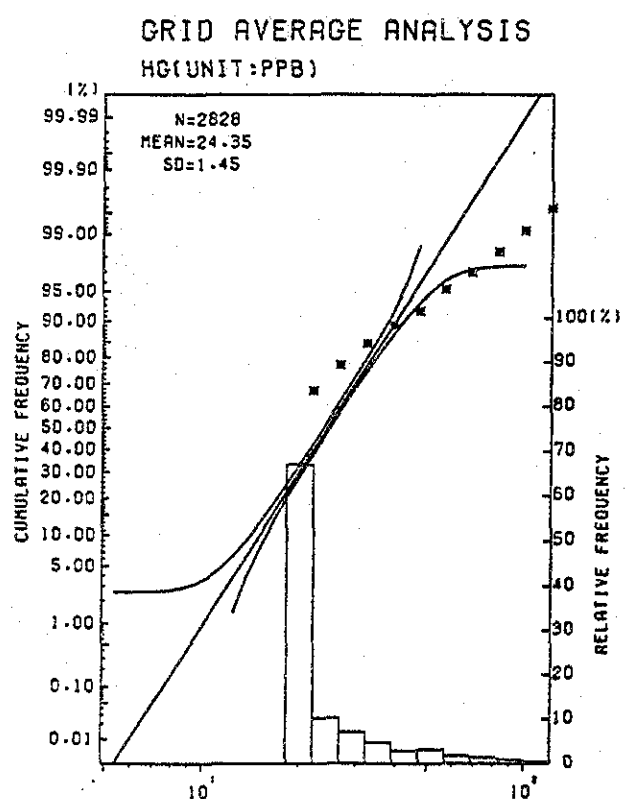
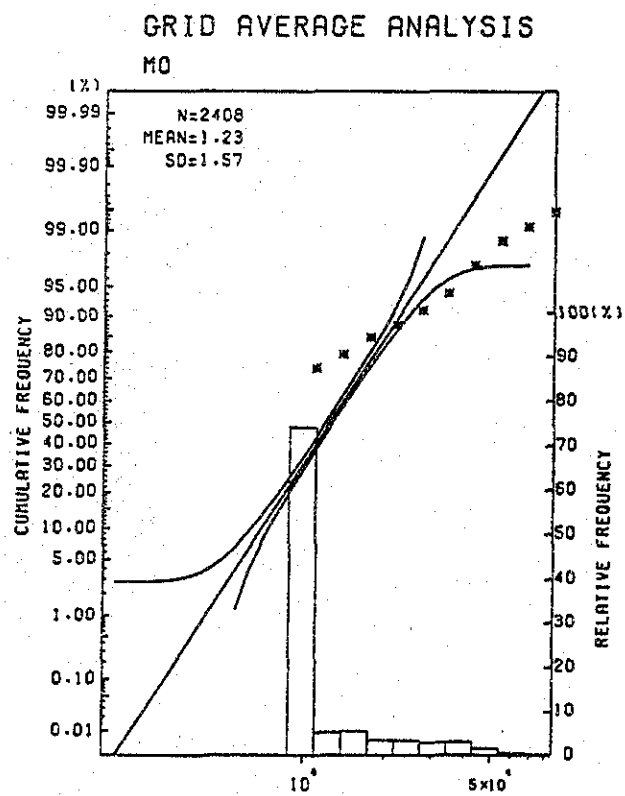
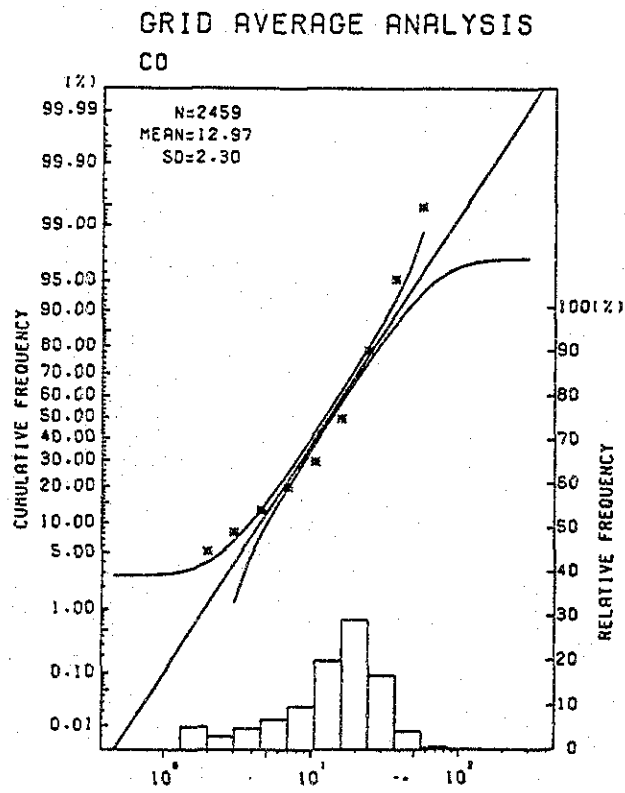
巻末資料

1. グリッド平均値のヒストグラム・累積頻度曲線図
2. 既存調査資料リスト

卷末資料-1 グリッド平均値のヒストグラム・累計頻度曲線図
(セブ・ボホール・南西ネグロス地区1)



卷末資料-1 グリッド平均値のヒストグラム・累計頻度曲線図
 (セブ・ボホール・南西ネグロス地区2)



卷末資料-2 既存調査資料リスト

BOHOL:

<u>REPORT NO.</u>	<u>AUTHORS</u>	<u>DATE</u>	<u>TITLE OF REPORTS</u>
* 115	G. Andal, Wright Purification	1953,	Anda Peninsula manganese ores, Bohol Island, Phil.
* 215	L. Santos-Yñigo	1957,	Report on the Salamanca Cu prospect, Bo. Colonia, Camen, Bohol
* 103 RA	P. Cortes	1943,	The present Mining operation of general Base metal Co. at Guindulman and Anda Bohol
* 257	A. Cruz	1983,	Geological reconnaissance survey of Bohol for cement raw material
* 394	R. Arco	1962,	Geologic reconnaissance and mineral resources of Bohol province, Philippines
* 453	V. Austria, Jr.		A preliminary report on the geological and geochemical studies in Laka Cu prospect, Talibon, Bohol
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