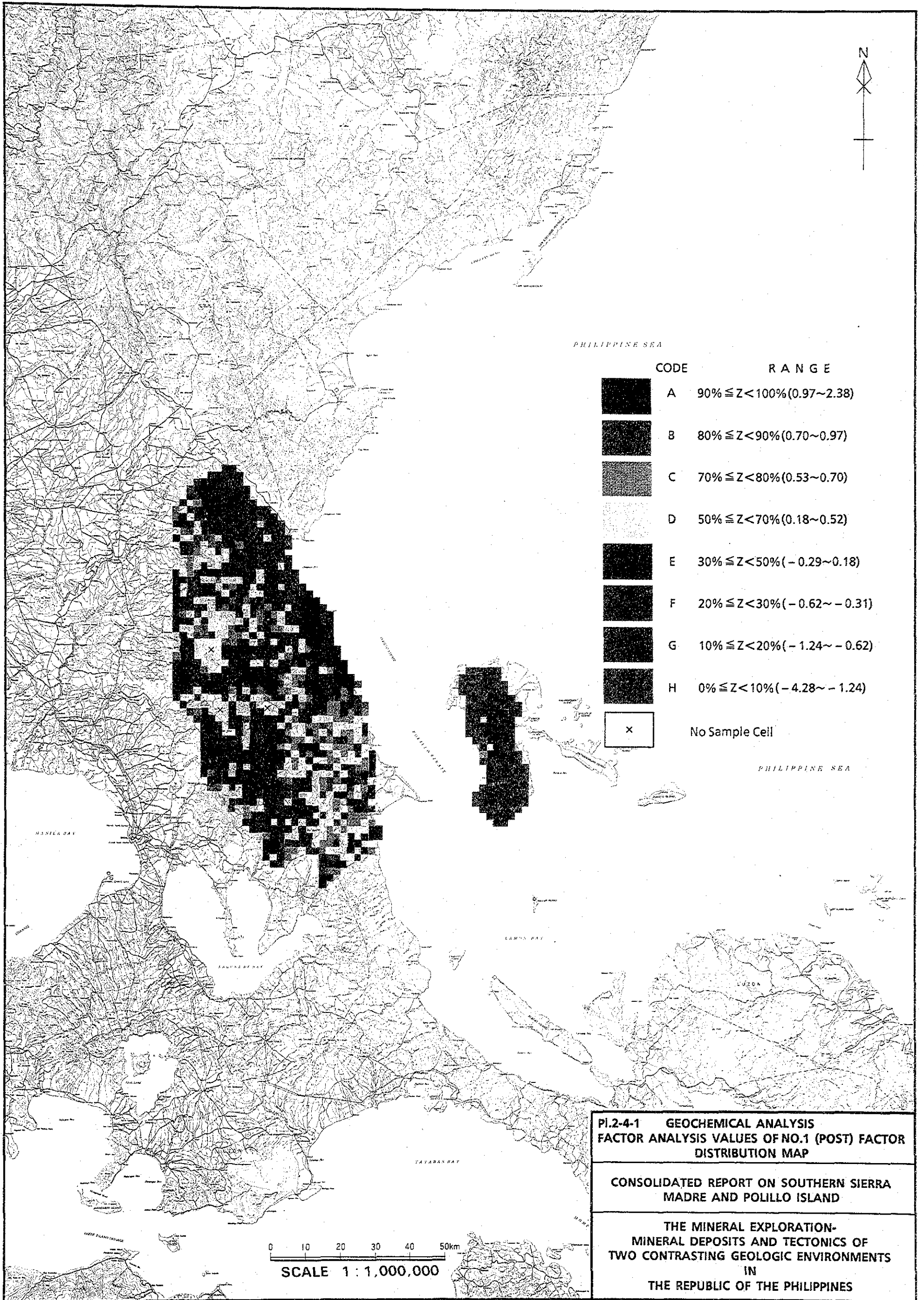


Pl.2-4 (No. 1 to No. 5) Geochemical Analysis Factor Analytical Values  
Distribution Map (1:1,000,000)

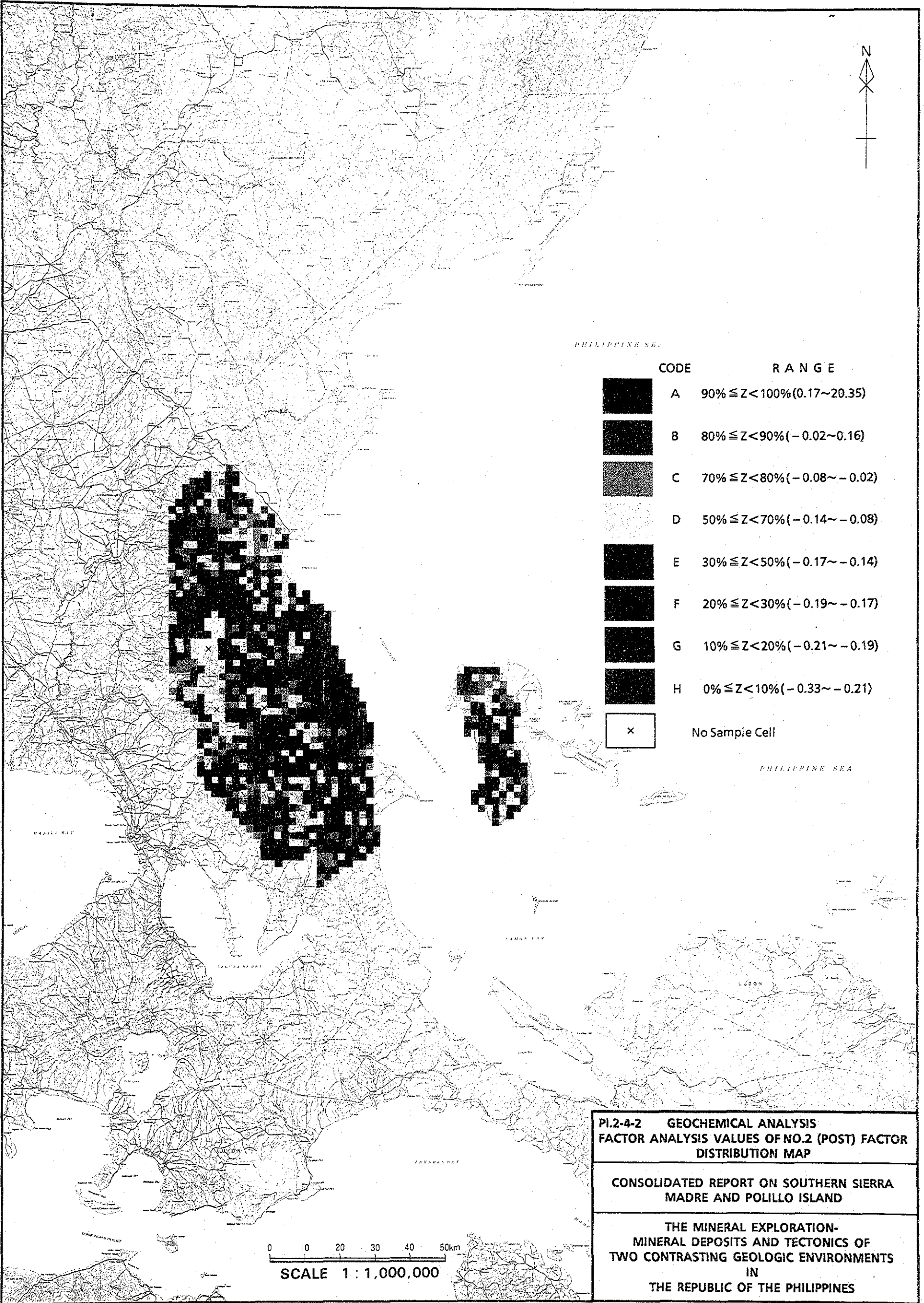




CODE	RANGE
A	90% $\leq$ Z < 100% (0.97~2.38)
B	80% $\leq$ Z < 90% (0.70~0.97)
C	70% $\leq$ Z < 80% (0.53~0.70)
D	50% $\leq$ Z < 70% (0.18~0.52)
E	30% $\leq$ Z < 50% (-0.29~0.18)
F	20% $\leq$ Z < 30% (-0.62~-0.31)
G	10% $\leq$ Z < 20% (-1.24~-0.62)
H	0% $\leq$ Z < 10% (-4.28~-1.24)
x	No Sample Cell

**PI.2-4-1 GEOCHEMICAL ANALYSIS  
 FACTOR ANALYSIS VALUES OF NO.1 (POST) FACTOR  
 DISTRIBUTION MAP**  
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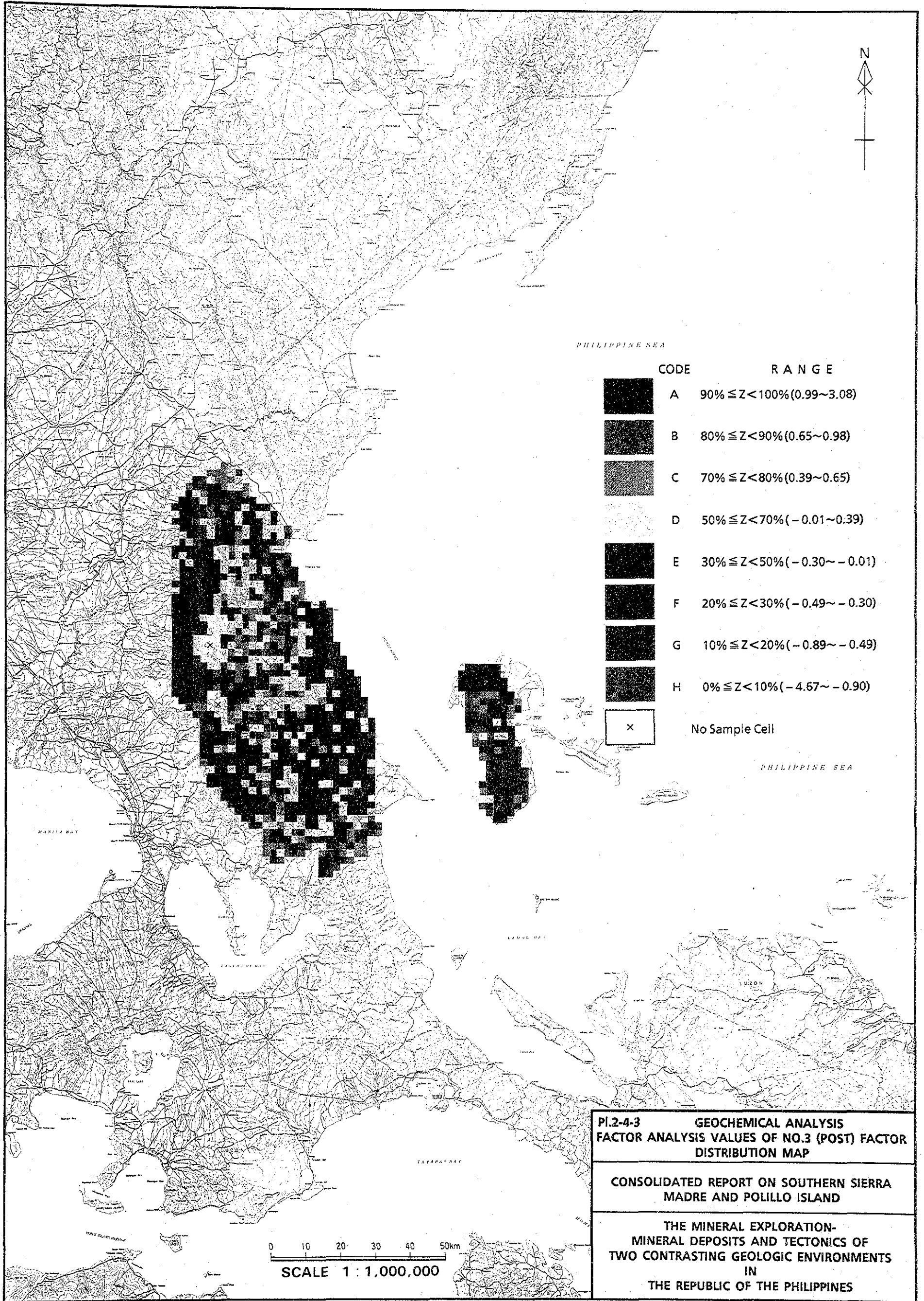
CODE	RANGE
A	90% $\leq$ Z < 100% (0.17 ~ 20.35)
B	80% $\leq$ Z < 90% (-0.02 ~ 0.16)
C	70% $\leq$ Z < 80% (-0.08 ~ -0.02)
D	50% $\leq$ Z < 70% (-0.14 ~ -0.08)
E	30% $\leq$ Z < 50% (-0.17 ~ -0.14)
F	20% $\leq$ Z < 30% (-0.19 ~ -0.17)
G	10% $\leq$ Z < 20% (-0.21 ~ -0.19)
H	0% $\leq$ Z < 10% (-0.33 ~ -0.21)
X	No Sample Cell

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

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CODE	RANGE
A	90% $\leq$ Z < 100% (0.99~3.08)
B	80% $\leq$ Z < 90% (0.65~0.98)
C	70% $\leq$ Z < 80% (0.39~0.65)
D	50% $\leq$ Z < 70% (-0.01~0.39)
E	30% $\leq$ Z < 50% (-0.30~-0.01)
F	20% $\leq$ Z < 30% (-0.49~-0.30)
G	10% $\leq$ Z < 20% (-0.89~-0.49)
H	0% $\leq$ Z < 10% (-4.67~-0.90)
X	No Sample Cell

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

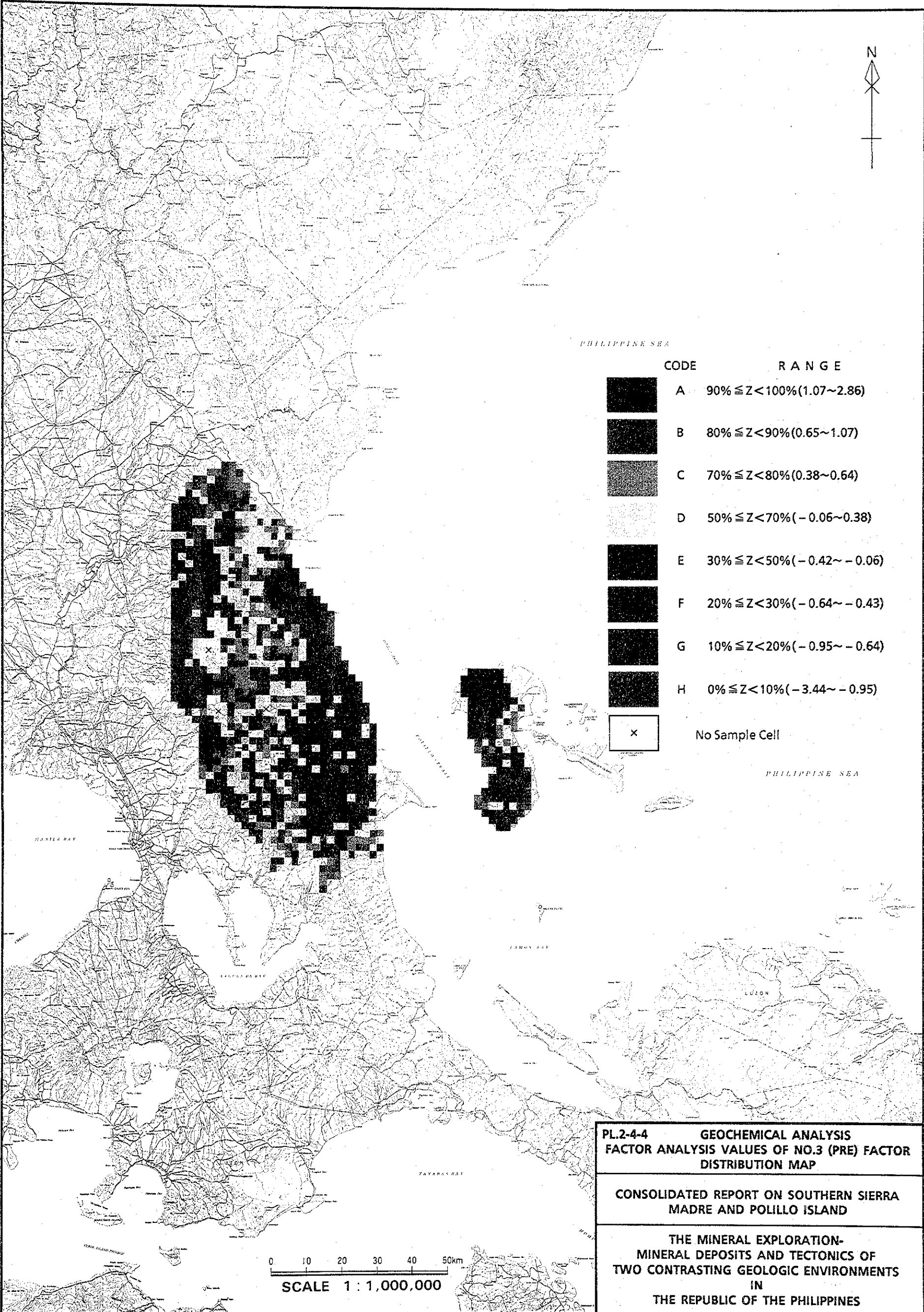
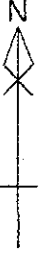
**CONSOLIDATED REPORT ON SOUTHERN SIERRA  
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0 10 20 30 40 50km  
**SCALE 1 : 1,000,000**







PHILIPPINE SEA

CODE	RANGE
A	90% $\leq$ Z < 100% (1.07~2.86)
B	80% $\leq$ Z < 90% (0.65~1.07)
C	70% $\leq$ Z < 80% (0.38~0.64)
D	50% $\leq$ Z < 70% (-0.06~0.38)
E	30% $\leq$ Z < 50% (-0.42~-0.06)
F	20% $\leq$ Z < 30% (-0.64~-0.43)
G	10% $\leq$ Z < 20% (-0.95~-0.64)
H	0% $\leq$ Z < 10% (-3.44~-0.95)
x	No Sample Cell

PHILIPPINE SEA

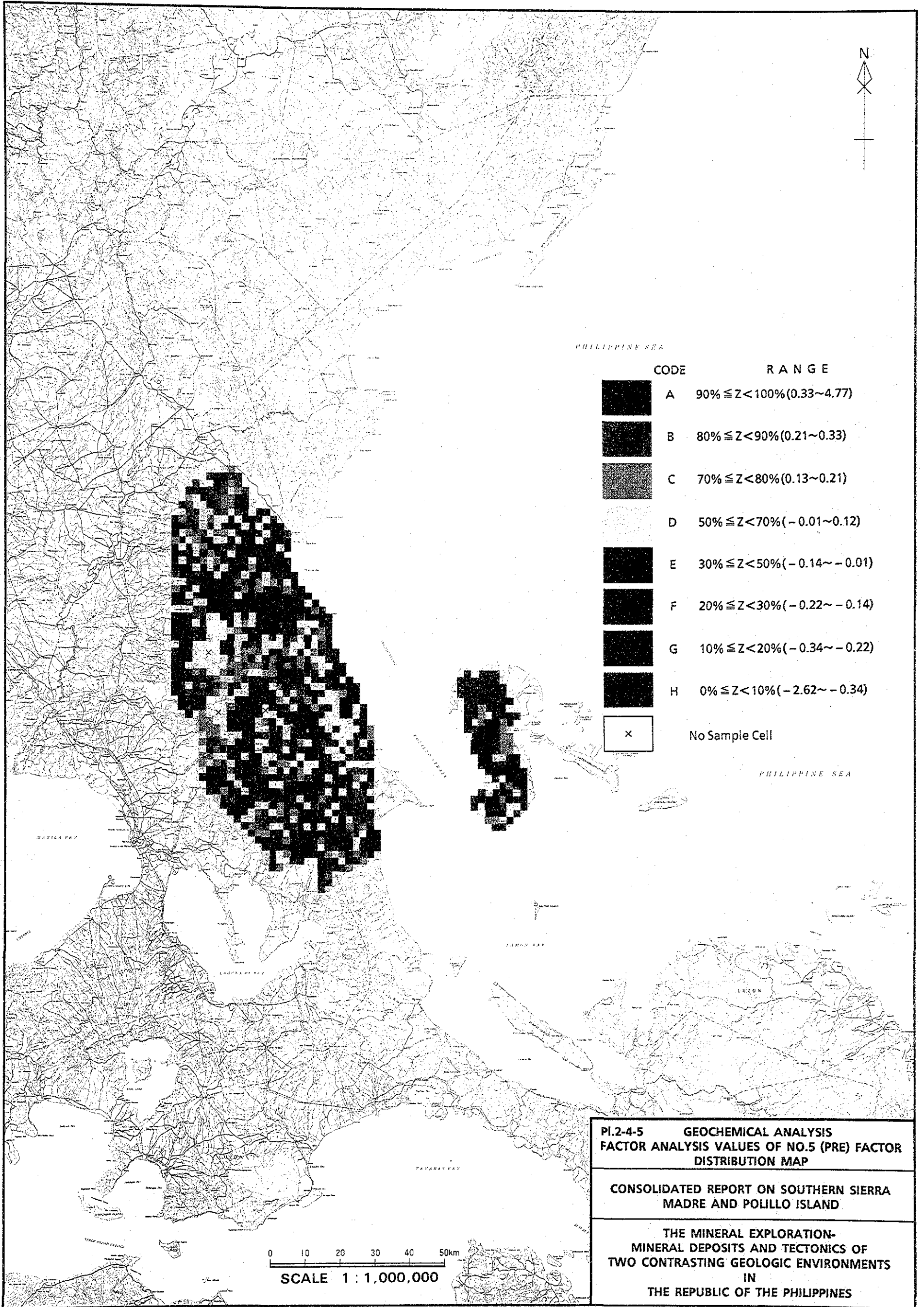
0 10 20 30 40 50km  
SCALE 1 : 1,000,000

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

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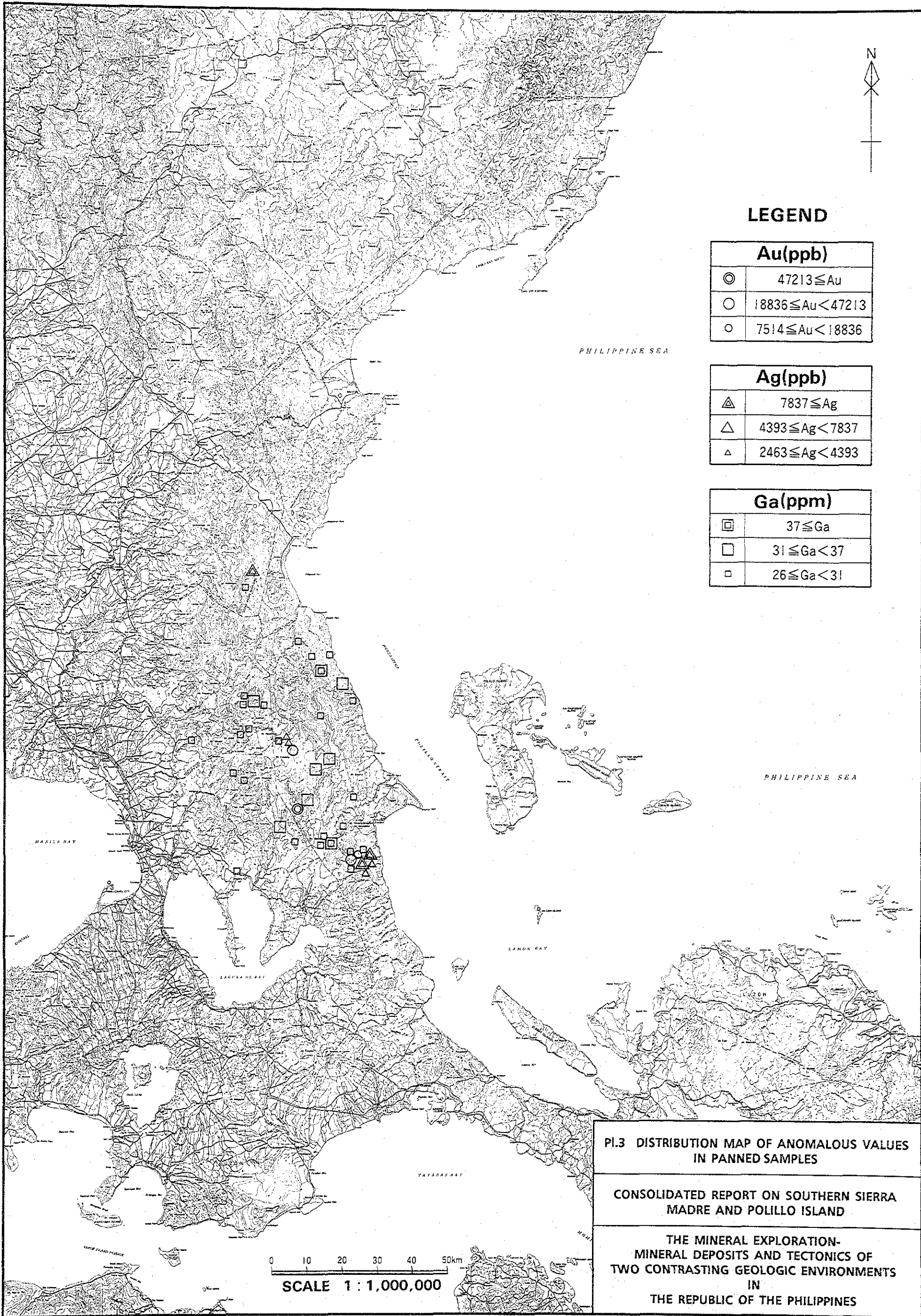




- Pl.3 Distribution Map of Anomalous Values in Panned Samples (1:1,000,000)
- Pl.4 Compiled Gravimetric Map (Bouguer Anomalies) (1:1,000,000)
- Pl.5 Lineaments Map (LANDSAT Images) (1:1,000,000)
- Pl.6 Locality Map of Mineral Showings (Attached Index Table of Mineral Showings)
- Pl.7 Index Map of Existing Data regarding Survey Works of the Area (1:1,000,000)
- Pl.8 Relation Map between Promising Area and Mineral Showings Localities (1:1,000,000)







**LEGEND**

<b>Au(ppb)</b>	
⊙	$47213 \leq Au$
○	$18836 \leq Au < 47213$
◊	$7514 \leq Au < 18836$

<b>Ag(ppb)</b>	
△	$7837 \leq Ag$
△	$4393 \leq Ag < 7837$
△	$2463 \leq Ag < 4393$

<b>Ga(ppm)</b>	
□	$37 \leq Ga$
□	$31 \leq Ga < 37$
□	$26 \leq Ga < 31$

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

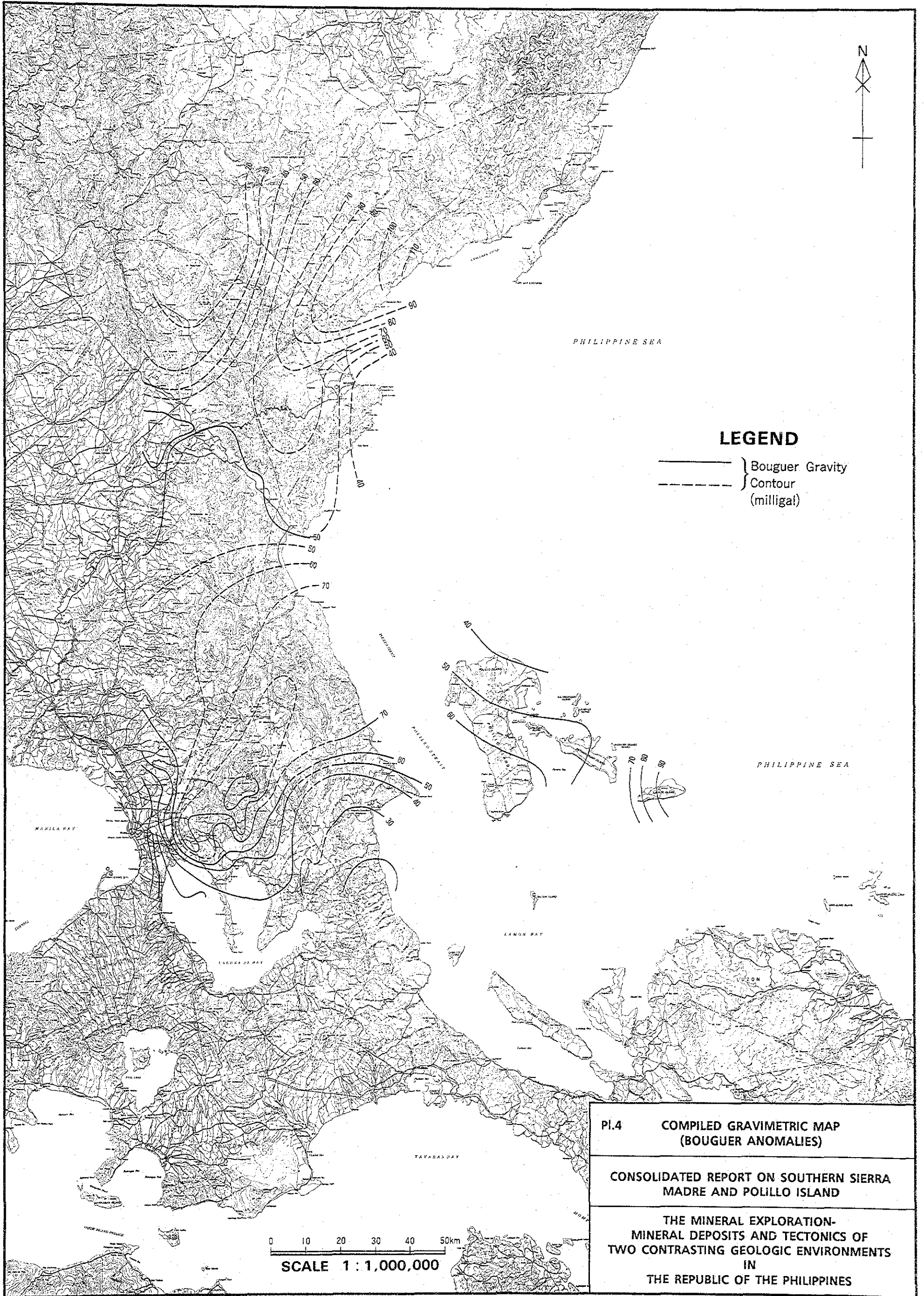
**CONSOLIDATED REPORT ON SOUTHERN SIERRA MADRE AND POLILLO ISLAND**

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

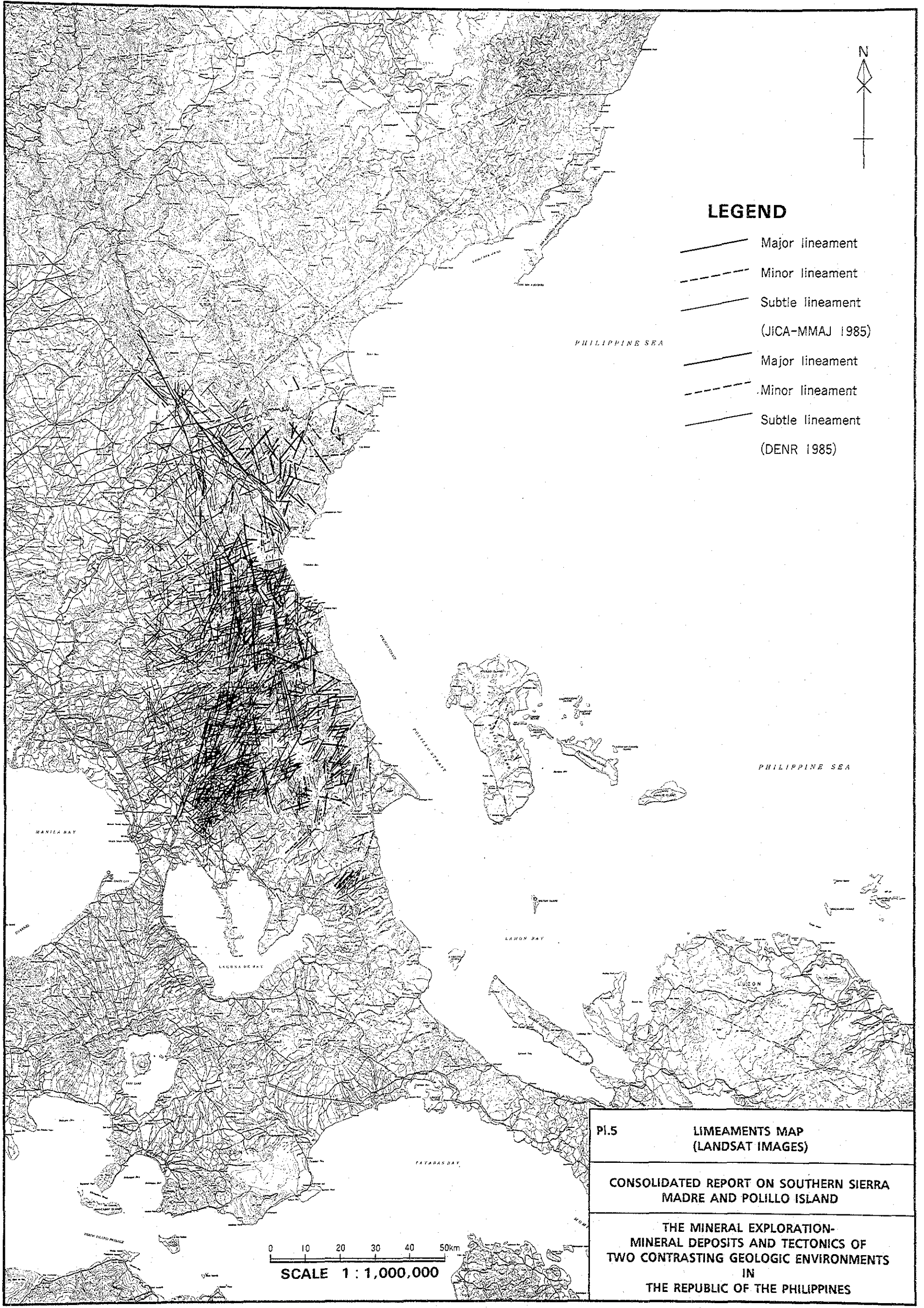






**PI.4 COMPILED GRAVIMETRIC MAP  
 (BOUGUER ANOMALIES)**  
**CONSOLIDATED REPORT ON SOUTHERN SIERRA  
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**LEGEND**

- Major lineament
- - - Minor lineament
- Subtle lineament
- (JICA-MMAJ 1985)
- Major lineament
- - - Minor lineament
- Subtle lineament
- (DENR 1985)

PI.5 LIMEAMENTS MAP  
(LANDSAT IMAGES)

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# Index Table of Mineral Showings

## Southern Sierra Madre and Polillo

### Metallics

1. Delasag	Cu
2. Casigukan	Cu
4. San Ildefonso	Cu
5. Dilalongan	Cu
6. Dinalungan	Cu
7. Diarabasin	Cu, Mn
8. Ditec	Cu
9. San Luis	Mn
11. Nasudijan	Cu
13. Besog	Cu
14. Madulag, Baler	Mn
15. Libok, Gaddldon	Mn
16. Papaya	Au
17. Sumacbao, Gapan	Cu
18. Ibonga	Cu
23. Norsagaray	Fe
24. Angat	Cu
26. Angelo Mountains	Au, Ag, Zn
27. Lumbay Collosal (Luzon Mining)	Au
28. Puray	Cu
29. Bosoboso River, Rizal	Au
30. Lumbay, Collosal	Cu
31. Sta. Ines	Fe
32. Tigmaan River, Real	Au
36. Mt. Malolod	Fe
37. May-Ilaw	Fe
38. Marcopper Prospect	Cu
39. Kalubakis	Fe
42. Lagingbayan	Cu
49. San Vicente	Cu
58. San Rafael, Burdeos	Fe
67. Limutan, Gen. Nakar	Cu
74. Bulacan Iron Deposit	Fe
78. Bilintigon, Gen. Tinio	Cu
79. Gapan Mining Ass.	Cu
80. NE1369	Mn
81. Madulag, Baler	Mn
82. Ortegon, Liggayu	Cu
84. Artavi Mining Co.	Cu, Mn
86. Carranglan	Cu
87. Puncan	Mn
90. Santa Ines	Fe
91. Marcopper Polillo Prospect	Mo
92. Angat Iron Prospect	Fe
93. Camachin Iron Deposit	Fe

60. Cabungalunan, Burdeos	Ls
61. Anibauan, Burdeos	Coal
62. Tanay	Mbl
63. Tanay	Ls
64. Pantay, Antipolo	Ls
65. Antipolo	Cly
66. Teresa	Ls
68. Norzagaray, Bulacan	Si
69. Norzagaray, Bulacan	Ls
70. Pingalan	Ls
71. Dingalan	Ls
72. Camachino, San Ildefonso	Cly
73. Tungku, Alagao	Ls
75. Camachino, San Miguel	Cly
76. Pulong Bato, Alagao	Mbl
77. Camachille, Angat	Ls
83. Sumpawo, Pantabangan	Coal
85. Pantabangan	Cly
88. Maringalo	Si
89. Burgos, Carranglan	Si

### Nonmetallics

3. Dilalongan Reach	Si
10. Ulebeta	Mbl
12. Bateria, Bagting	Fd
19. Cogonan, Sibul	Mbl
20. Suklay	Gyp
21. Dingalan	Ls
22. Akle, San Rafael	Cly
25. Suga, Norzagaray	Ls
33. Anibawan	Coal
34. Burdeos	Ls
35. West Burdeos	Coal
40. Mauban	Ls
41. Paglubog	Mbl
43. Sampaloc	Mbl
44. Piis, Lucban	Cly
45. Lawique, Tayabas	Ls
46. Sta. Catalina, Atimon	Ls
47. Lipata	Ls
48. Sapaan	Mbl
50. Sta. Cecilia, Tagkawayan	Si
51. Abi	Si
56. Lipata, Padre Burgos	Ls
57. Lawique, Tayabas	Ls
59. Burdeos	Coal

### LEGEND

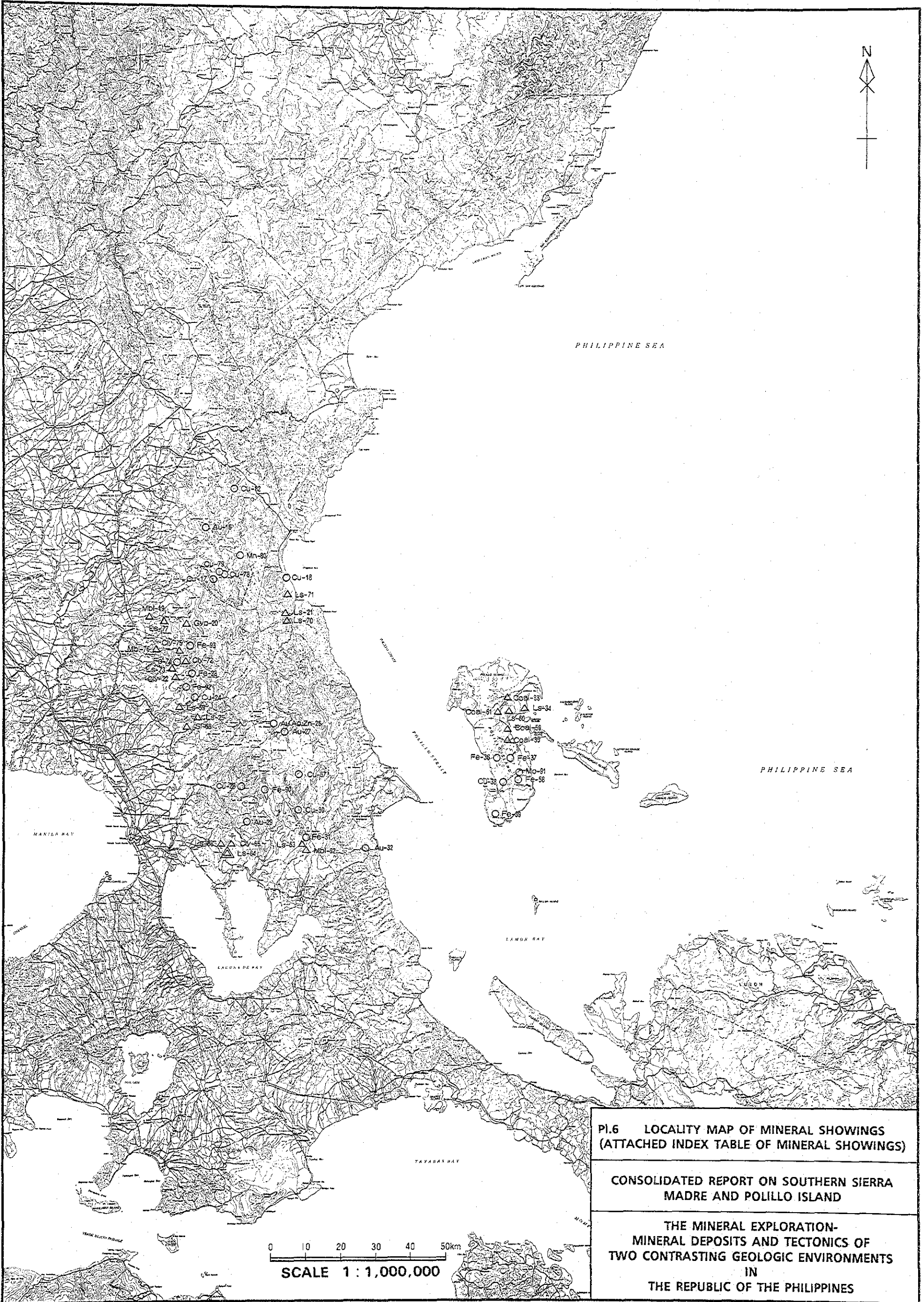
#### Deposit

metallic	nonmetallic	
⊙	△	: Operating mine
○	△	: Explored, Developed, Prospect or Indication

#### Symbols

metallic		nonmetallics	
Au	: Gold	Asb	: Asbestos
Ag	: Silver	Asp	: Asphalt
Al	: Aluminum	Bar	: Barite
As	: Arsenic	Bnt	: Bentonite
Bax	: Bauxite	Cly	: Clay
Cu	: Copper	Coal	: Coal
Co	: Cobalt	Dia	: Diatomaceous Earth
Cr	: Chromite	Dol	: Dolomite
Fe	: Iron	Fd	: Feldspar
Hg	: Mercury	Fl	: Flourite
Mn	: Manganese	Gn	: Guano
Mo	: Molybdenum	Gnp	: Guano-Phosphate
Ni	: Nickel	Gr	: Granite
Pb	: Lead	Gyp	: Gypsum
Sb	: Antimony	Ls	: Limestone
Sn	: Tin	Mbl	: Marble
U	: Uranium	P	: Phosphate
W	: Tungsten	Peb	: Pebble
Zn	: Zinc	Peat	: Peat
		Per	: Perlite
		Py	: Pyrite
		S	: Sulfur
		Sh	: Shale
		Si	: Silica
		SiS	: Silica Sand
		SS	: Sandstone
		Tlc	: Talc





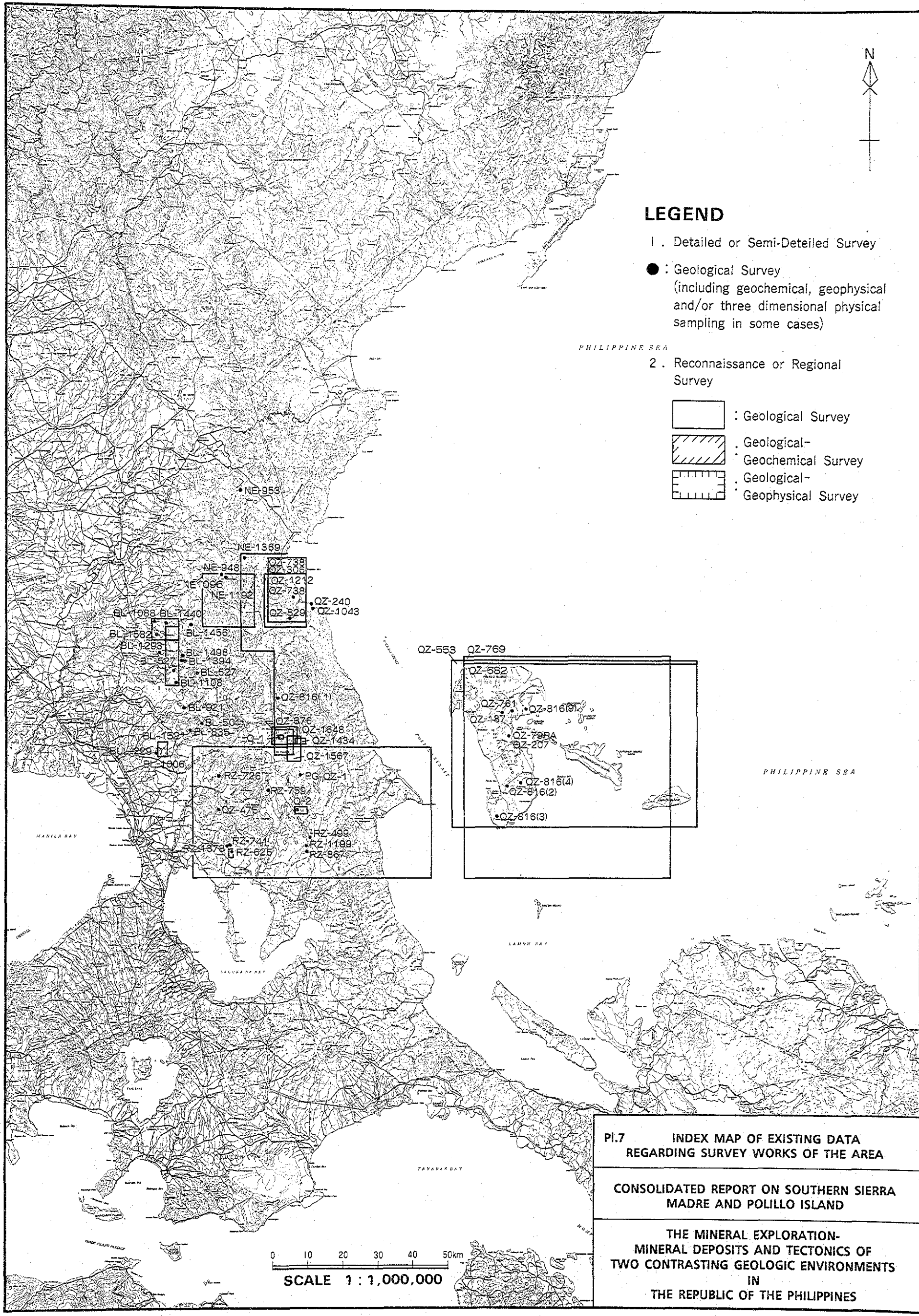
Pl.6 LOCALITY MAP OF MINERAL SHOWINGS  
(ATTACHED INDEX TABLE OF MINERAL SHOWINGS)

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**LEGEND**

- 1. Detailed or Semi-Detailed Survey
- : Geological Survey  
(including geochemical, geophysical and/or three dimensional physical sampling in some cases)

PHILIPPINE SEA

- 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.7 INDEX MAP OF EXISTING DATA  
 REGARDING SURVEY WORKS OF THE AREA**

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