

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Libertad, Antique (Western Panay)		Mineral Prospects No.	P-5			
* Locality	1/50,000 Topographic map No.	Mabas 33552	X * Coordinates	10,450	Y * Coordinates	Altitud	90 (m) *
* Survey date	Dec. 1. 1986		Surveier	Kazuhiro Adachi			
Compiling data (file No.)			Owner of mining right				
Metalogenic province			Type of Ore Deposits	Graphite deposit (Vein)	Country rock of Ore Deposits		
Ore mineral	by field observation.*				by x-Ray diffraction		
Assemblage	Pyrite-Graphite						
Gangue mineral	by field observation.*				by x-Ray diffraction		
Assemblage	Quartz						
Alteration mineral	by field observation*				by x-Ray diffraction		
Assemblage	un-alteration						
Combination of country rocks					Laminaic clay-slaty black part bearing white - gray chert.		

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode	Other Methode	
Investigation of Fossils	Investigation of Fossils	Radiolaria	Nanno-Plankton	Other Fossils
	Spot Investigation	Necessity of follow up survey is highest	Necessity of follow up survey is high	Necessity of follow up survey is low
	Results of Geochemical & other analysis Summarized Evaluation	A	B	C
Ore Prospects Evaluation for		"	"	"
		"	"	"
		"	"	"
Other specially Mentions				

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Panaktakan Mine, Sitio Malamig, Rizal, Nabas, Aklan (Western Panay)		Mineral Prospects No.	P-6		
Locality *	1/50,000 Topographic map No.	Malay 33551	X * Coordinates	12,800	Y * Coordinates 6,050	Altitud 200 (m) *
Survey date *	Dec. 2. 1986		Surveier *	Kazuhiro Adachi		
Compiling data (file No.)	Owner of mining right Manila International Corporation					
Metallogenic province	Type of Ore Deposits *					
Ore mineral Assemblage	by field observoction.* Manganese silicate mineral (Pyroxmangite) -Manganese oxide (Pyrolusite)		Bedded manganese deposit		Country rock of Ore Deposits Chert	
Gangue mineral Assemblage	by field observoction.* Quartz		by micro-scope		by x-Ray diffraction	
Alteration mineral Assemblage	by field observoction.* un-alteration		by micro-scope		by x-Ray diffraction	
Combination of country rocks *	Many impurity bearing red purple chert (member of Bulanga) and silt stone					

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination	K- Ar Methode	Other Methode	Investigation of Fossils			Other Fossils	Follow up survey is				
	Radiotaria		Nanno-Plankton								
Evaluation for Ore Prospects	Spot Investigation	A	Necessity of follow up survey is highest	B	Necessity of follow up survey is high	C	Possibility of follow up survey is reliable	D	Necessity of follow up survey is low	E	Follow up survey is needless
	Results of Geochemical & other analysis	A	"	B	"	C	"	D	"	E	"
	Summerized Evaluation	A	"	B	"	C	"	D	"	E	"
Other specially Mentions	<p>This prospect was operated up to Sep. 1983. It seems to was stopped the outcropped part at both banks of stream by air drill.</p>										

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Tagororoc Mine, Unidos, Aklan (Western Panay)		Mineral Prospects No.		P-7	
	1/50,000 Topographic map No.	Malay 33551	X* Coordinates	Y* Coordinates		Altitud
* Locality				15,550	3,050	460 (m)*
* Survey date	Dec. 3. 1986		Surveier *	Kazuhiro Adachi		
Compiling data (file No.)			Owner of mining right	Manila International Corporation		
Metallogenic province			Type of Ore Deposits *	Bedded manganese deposit	Country rock of Ore Deposits	Chert
Ore mineral	by field observootion.* Manganese oxide (Pyrolusite?)		by micro-scope		by x-Ray diffraction	
Assemblage	Manganese silicate mineral (Pyroxmangite)					
Gangue mineral	by field observootion.* Quartz - White clay mineral		by micro-scope		by x-Ray diffraction	
Assemblage						
Alteration mineral	by field observootion.* White clay		by micro-scope		by x-Ray diffraction	
Assemblage						
* Combination of country rocks	Argillized silt stone and gray chert					

Figure 3. Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode		Other Methode							
Investigation of Fossils		Radiolaria		Nanno-Plankton		Other Fossils					
Evaluation for Ore Prospects	Spot Investigation	A	Necessity of follow up survey is highest	B	Necessity of follow up survey is high	C	Possibility of follow up survey is reliable	D	Necessity of follow up survey is low	E	Follow up survey is needless
	Results of Geochemical & other analysis	A	"	B	"	C	"	D	"	E	"
	Summarized Evaluation	A	"	B	"	C	"	D	"	E	"
<p>This prospect was operated to 1983 from 1936 and was produced manganese ore, talc.</p>											
<p>Other specially Mentions</p>											

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Ibanlag Mine, Unidos, Aklan (Western Panay)		Mineral Prospects No.		P-8	
* Locality	1/50,000 Topographic map No.	Malay 33551	X* Coordinates	14,450	Y* Coordinates	7,100
* Survey date	Dec. 4. 1986		Surveier	Kauzhiro Adachi		
Compiling data (file No.)	Owner of mining right					
Metalogenic province			Type of Ore Deposits	Bedded manganese deposit		* Country rock of Ore Deposits Chert
Ore mineral Assemblage	by field observation.* Manganese oxide (Pyrolusite)		by micro-scope			
Gangue mineral Assemblage	by field observation.* none		by micro-scope			
Alteration mineral Assemblage	by field observation.* none		by x-Ray diffraction			
* Combination of country rocks	Gray chert (Bulanga metamorphic rocks)					

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode		Other Methode					
Investigation of Fossils		Radioraria		Nanno-Plankton		Other Fossils			
Evaluation for Ore Prospects	Spot Investigation	A	Necessity of follow up survey is highest	B	Necessity of follow up survey is high	C	Possibility of follow up survey is reliable	D	Follow up survey is needless
	Results of Geochemical & other analysis	A	"	B	"	C	"	D	"
	Summarized Evaluation	A	"	B	"	C	"	D	"
Other specially Mentions		<p>There are two adits between 7 meters up and down. The upper gallery was exploited and the manganese bedded deposit with about 10 centimeters in width is seen at the other crosscut of 50 m in length.</p>							

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Tablas Is. Caloring Area		Mineral Prospects No.		R-1		
	1/50,000 Topographic map No.	L000 33561	X* Coordinates	19,150	Y* Coordinates	15,900	Altitud 170(m)*
* Locality							
* Survey date	Nov. 5. 1986		Surveier *	Seiichi Yokomoto			
Compiling data (file No.)			Owner of mining right *				
Metalogenic province			Type of Ore Deposits *	Porphyry Copper		Country rock of Ore Deposits	Diorite
Ore mineral Assemblage	by field observootion.* Pyrite						by x-Ray diffraction
Gangue mineral Assemblage	by field observootion.* Quartz						by x-Ray diffraction
Alternation mineral Assemblage	by field observootion.* Sericite, Quartz						by x-Ray diffraction
* Combination of country rocks							

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode		Other Methode	
Investigation of Fossils	Spot Investigation	Other Fossils	Nanno-Plankton	Possibility of follow up survey is reliable	Follow up survey is needless
	Results of Geochemical & other analysis	Other Fossils	Nanno-Plankton	Possibility of follow up survey is reliable	Follow up survey is needless
	Summarized Evaluation	Other Fossils	Nanno-Plankton	Possibility of follow up survey is reliable	Follow up survey is needless
Ore Prospects Evaluation for		Other Fossils	Nanno-Plankton	Possibility of follow up survey is reliable	Follow up survey is needless
Other specially Mentions		Other Fossils	Nanno-Plankton	Possibility of follow up survey is reliable	Follow up survey is needless

The mineralized zones of pyrite dissemination and small scale argillization are seen at this area but appointed points in route map. These mineralized zones are not observed copper minerals of chalcopyrite, chalcocite and malachite with the naked eye.

Appendix

figure 3, Data sheet for Mineral Prospects(I)

Survey area	Sibuyan Is. Bato Area		Mineral Prospects No.		R-2	
* Locality	1/50,000 Topographic map No.	Cajidiocan 35573	X* Coordinates	6,300	Y* Coordinates 5,300	Altitud 80 (m) *
* Survey date	Nov. 26. 1986		Surveier *	Seiichi Yokomoto, Fidel Zepeda, Edwin Caliboso		
Compiling data (file No.)	Owner of mining right					
Metallogenic province			Type of Ore Deposits *	Nickel Laterite deposit		Country rock of Ore Deposits * Serpentinized peridotite
Ore mineral Assemblage	by field observootion.*		by micro-scope			
Cangue mineral Assemblage	by field observootion.*		by micro-scope			
Alternation mineral Assemblage	by field observootion*		by micro-scope			
Combination of * country rocks						

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode		Other Methode							
Investigation of Fossils		Radioraria		Nanno-Plankton		Other Fossils					
Evaluation for Ore Prospects	Spot Investigation	A	Necessity of follow up survey is highest	B	Necessity of follow up survey is high	C	Possibility of follow up survey is reliable	D	Necessity of follow up survey is low	E	Follow up survey is needless
	Results of Geochemical & other analysis	A	"	B	"	C	"	D	"	E	"
	Summarized Evaluation	A	"	B	"	C	"	D	"	E	"
<p>At the result of the pitting 1 m deep at the ridge 80 m above sea level, the wead weathered surpentinized peridotite estimated C layer is seen at 70 cm deep. Therefore laterite deposit which is the object of exploitation is assumed comparatively to be thin bed.</p>											
<p>Other specially Mentions</p>											

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Sibuyan Is. Binaysan Area		Mineral Prospects No.		R-3
	1/50,000 Topographic map No.	Cajidiocan X Coordinates	Y Coordinates	Altitud	
* Locality	Nov. 27. 1986	Nov. 27. 1986	8,700	4,500	190 (m) *
* Survey date		Surveier	Seiichi Yokomoto, Fidel Zepeda		
Compiling data (file No.)		Owner of mining right			
Metallogenic province		Type of Ore Deposits *	Nickel Laterite deposit	Country rock of Ore Deposits	Serpentinized peridotite
Ore mineral	by field observation.*		by micro-scope	by x-Ray diffraction	
Assemblage					
Gangue mineral	by field observation.*		by micro-scope	by x-Ray diffraction	
Assemblage					
Alteration mineral	by field observation*		by micro-scope	by x-Ray diffraction	
Assemblage					
Combination of country rocks					

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode		Other Methode								
Investigation of Fossils		Radiolaria		Nanno-Plankton		Other Fossils						
Ore Prospects Evaluation for	Spot Investigation	A	Necessity of follow up survey is highest	B	Necessity of follow up survey is high	C	Possibility of follow up survey is reliable	D	Ne cessity of follow up survey is low	E	Follow up survey is needless	
	Results of Geochemical & other analysis	A	"	B	"	C	"	D	"	E	"	
	Summarized Evaluation	A	"	B	"	C	"	D	"	E	"	
Other specially Mentions		At the result of the pitting 1 m deep at the ridge 190 m above sea level, the laterite deposit is observed to 1 m deep.										

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Sibuyan Is. Dulangan Area		Mineral Prospects No.		R-4			
* Locality	1/50,000 Topographic map No.	Cajidiocan 35573	X* Coordinates	2,300	Y* Coordinates	1,375	Altitud	50(m)*
* Survey date	Dec. 1. 1986		Surveier	*	Seiichi Yokomoto, Ben Cadawan, Fidel Zepeda, Edwin Caliboso			
Compiling data (file No.)			Owner of mining right					
Metallogenic province			Type of Ore Deposits	An alluvial diposit	Country rock of Ore Deposits		Diorite	
Ore mineral	by field observation*				by x-Ray diffraction			
Assemblage								
Gangue mineral	by field observation*				by x-Ray diffraction			
Assemblage								
Alternation mineral	by field observation*				by x-Ray diffraction			
Assemblage								
Combination of country rocks								

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination	K- Ar Methode	Other Methode	Radioraria		Nanno-Plankton	Other Fossils	Possibility of follow up survey is reliable	Necessity of follow up survey is high	Necessity of follow up survey is low	Possibility of follow up survey is reliable	Necessity of follow up survey is low	Possibility of follow up survey is reliable	Necessity of follow up survey is high	Necessity of follow up survey is low	Follow up survey is need less
			Necessity of follow up survey is highest	Necessity of follow up survey is lowest											
Investigation of Fossils	A	B	A	B	C	D	E	F	G	H	I	J	K	L	M
	Spot Investigation	Results of Geochemical & other analysis	Summarized Evaluation	A	B	C	D	E	F	G	H	I	J	K	L
	Results of Geochemical & other analysis	Summarized Evaluation	A	B	C	D	E	F	G	H	I	J	K	L	M
Ore Prospects Evaluation for															
Other specially Mentions	<p>About 20 gold-panners are working at the survey area. The amount of gold obtained by panning per man and per day is a few grams. The argillized and silicified alteration zones continues along the stream about 300 m long as show to the route map. The alteration zones is near the exploiting place at present and allurial good is assumed to be in situ.</p>														

Appendix

Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Sibuyan Is. Nailog Area		Mineral Prospects No.		R-5
	1/50,000 Topographic map No.	Cajidiocan 35573	X Coordinates	Y Coordinates	
Locality *					210(m) *
Survey date *	Dec. 2. 1986		Surveier *	Seiichi Yomoto, Ben Cadawan, Edwin Caliboso	
Compiling data (file No.)			Owner of mining right		
Metallogenic province			Type of Ore Deposits *	Pb, Zn, Cu Vein (disseminated) deposit	Country rock of Ore Deposits Diorite
Ore mineral Assemblage	by field observation.*	Galena, Sphalerite, Chalcopyrite, Pyrite	by micro-scope		by x-Ray diffraction
Gangue mineral Assemblage	by field observation.*	Quartz	by micro-scope		by x-Ray diffraction
Alteration mineral Assemblage	by field observation.*	Sericite	by micro-scope		by x-Ray diffraction
Combination of country rocks *					

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode	Other Methode	
Investigation of Fossils	Spot Investigation	Radiolaria	Nanno-Plankton	Other Fossils
	Results of Geochemical & other analysis	Necessity of follow up survey is highest	Necessity of follow up survey is high	Necessity of follow up survey is low
	Summerized Evaluation	A	B	C
Evaluation for Ore Prospects	Spot Investigation	"	"	"
	Results of Geochemical & other analysis	"	"	"
	Summerized Evaluation	A	B	C
<p>This mentioned mineral showing is unreported until now. The high grade Zn, Pb, (Cu) ore accompanied with silicified, argillized alteration zones of vein type about 1.5 m in width near the 210 m above sea level are recognized. Along the stream about 300 m to downstream from this outcrop, disseminated pyrite, argillized and silicified alteration are observed intermittently. Alluvial gold is assumed to be exploiting in this area, but its working sites are not clear.</p>				
<p>Other specially Mentions</p>				

Appendix

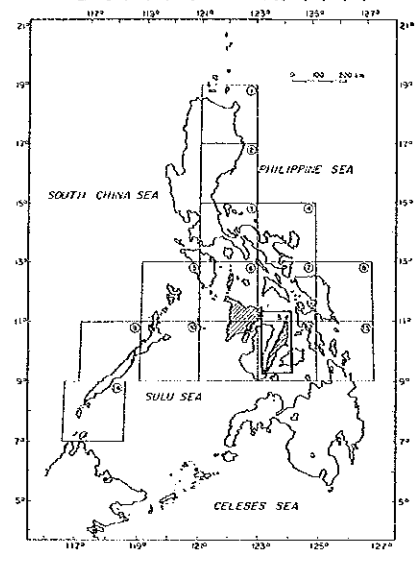
Figure 3, Data sheet for Mineral Prospects(I)

Survey area	Tablas Is. Cogon Area		Mineral Prospects No.		R-6			
	1/50,000 Topographic map No.	Odiangan 34573	X Coordinates	13,500	Y Coordinates	1,100	Altitude	230 (m)
* Locality								*
* Survey date	Dec. 5. 1986		Surveier *					Seiichi Yokomoto, Ben Cadawan, Fidel Zepeda, Edwin Caliboso
Compiling data (file No.)			Owner of mining right					
Metallogenic province			Type of Ore Deposits *		Porphyry Copper		Country rock of Ore Deposits	Diorite
Ore mineral		by field observation*						by x-Ray diffraction
Assemblage		Chalcoocite(?), Pyrite						
Gangue mineral		by field observation*						
Assemblage		Quartz						by x-Ray diffraction
Alternation mineral		by field observation*						
Assemblage		Sericite						by x-Ray diffraction
Combination of country rocks								

Figure 3, Data sheet for Mineral Prospects (II)

Age Determination		K- Ar Methode	Other Methode										
Investigation of Fossils	Radiolaria	Necessity of follow up survey is highest	Necessity of follow up survey is high	Necessity of follow up survey is low	Other Fossils								
						Spot Investigation	A	B	C	Possibility of follow up survey is reliable	D	E	Follow up survey is needless
Summarized Evaluation	A	B	C	D	E								
						Evaluation for Ore Prospects	A	B	C	D	E		
												Other specially Mentions	<p>The pyrite dissemination, argillized and silicified alterations continues along the stream about 400 m long as show to the route map. However copper mineralization are observed only at one outcrop with the naked eye. Copper mineralization is not strong, it differ from BMG Report (No.RB-1325).</p>

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 鉱物資源基本図調
 第3年次
 セブ地区
 地質図及び断面図

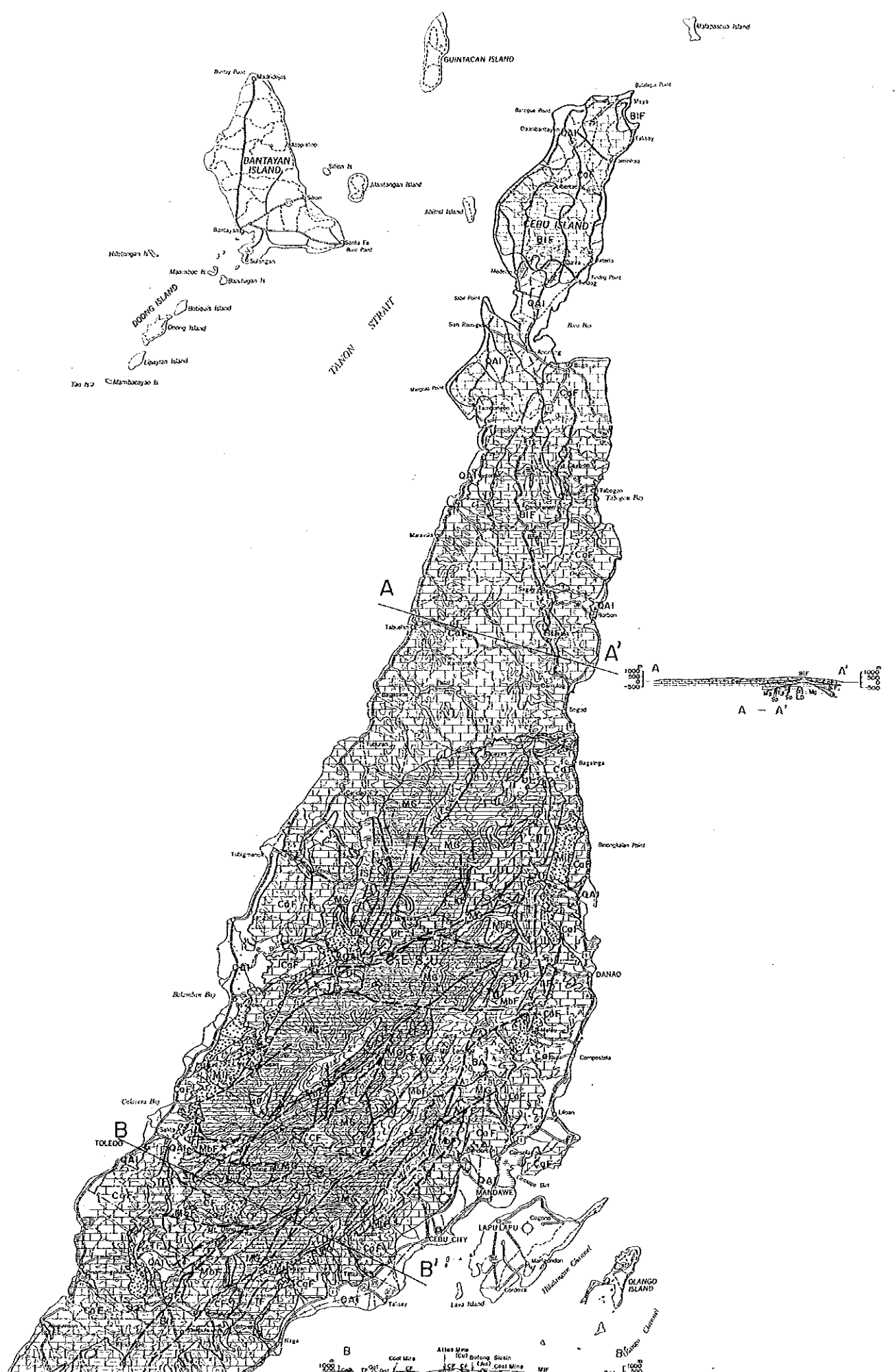


昭和62年2月
 国際協力事業団
 金属鉱業事業団

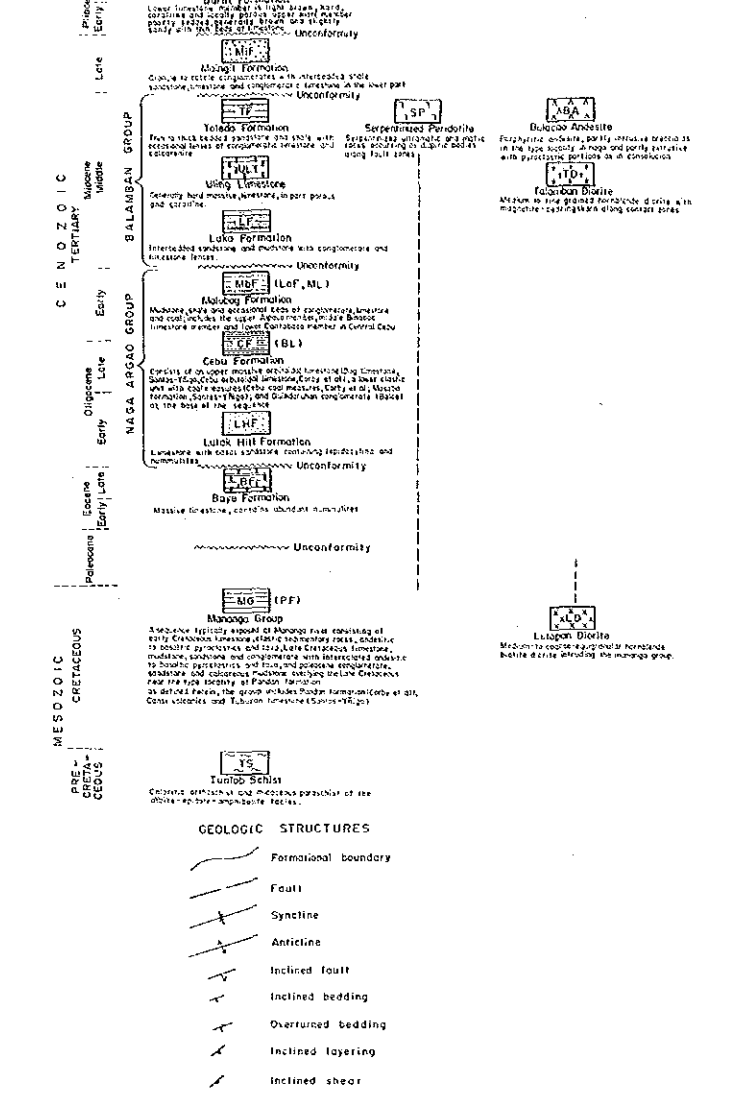
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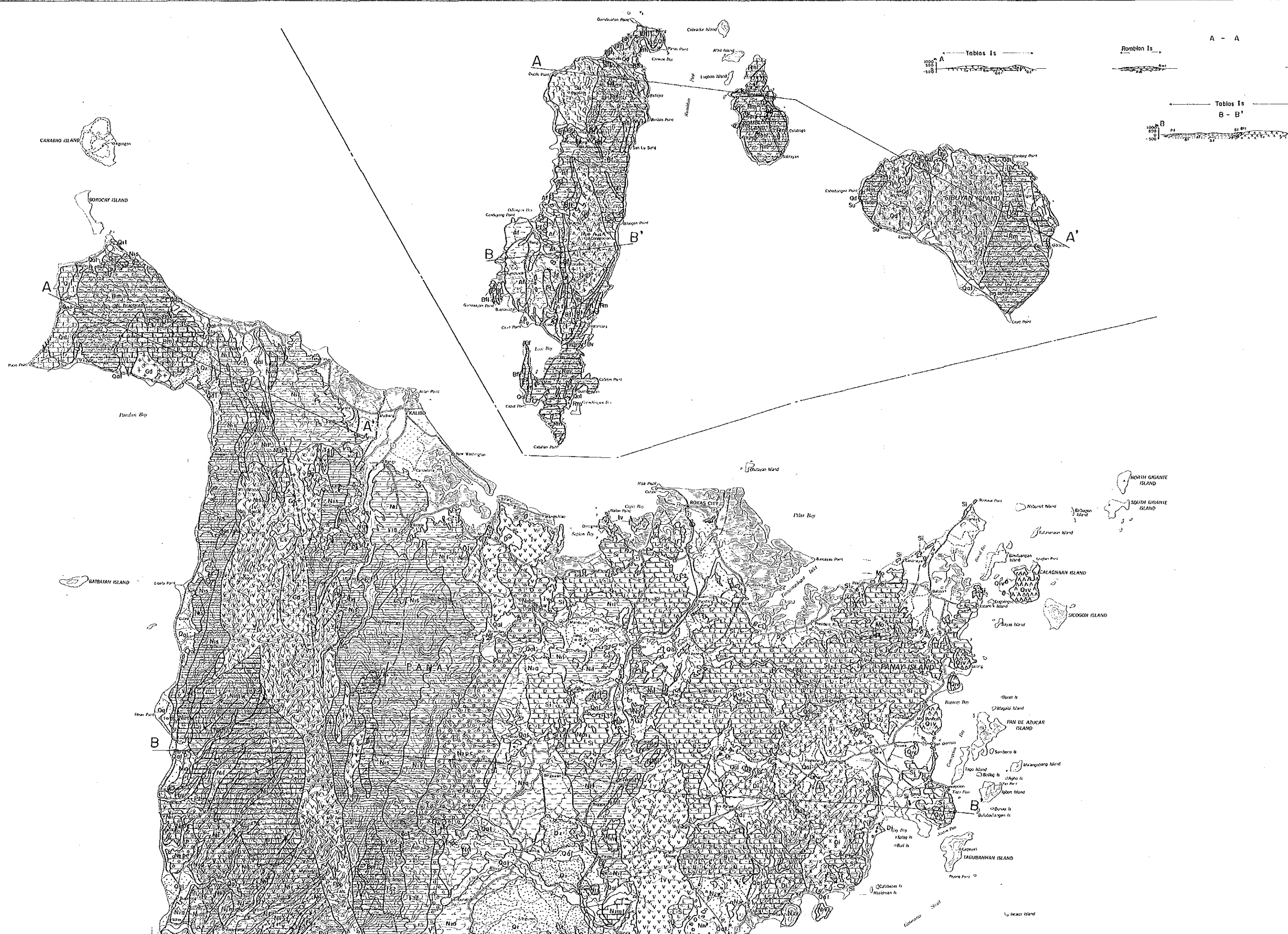
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		Ultrabasic to basic	Intermediate to Acidic
QUATERNARY	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
TERTIARY	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
MIOCENE	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
OLIGOCENE	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
Eocene	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
DIOCESE	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	
CRETACEOUS	Qs1	Quaternary Alluvium	
	Qc1	Quaternary Coral	
	Qd1	Quaternary Dune	
	Qe1	Quaternary Embankment	
	Qf1	Quaternary Filling	
	Qg1	Quaternary Gravel	
	Qh1	Quaternary Hill	
	Qi1	Quaternary Island	
	Qj1	Quaternary Jetty	
	Qk1	Quaternary Key	



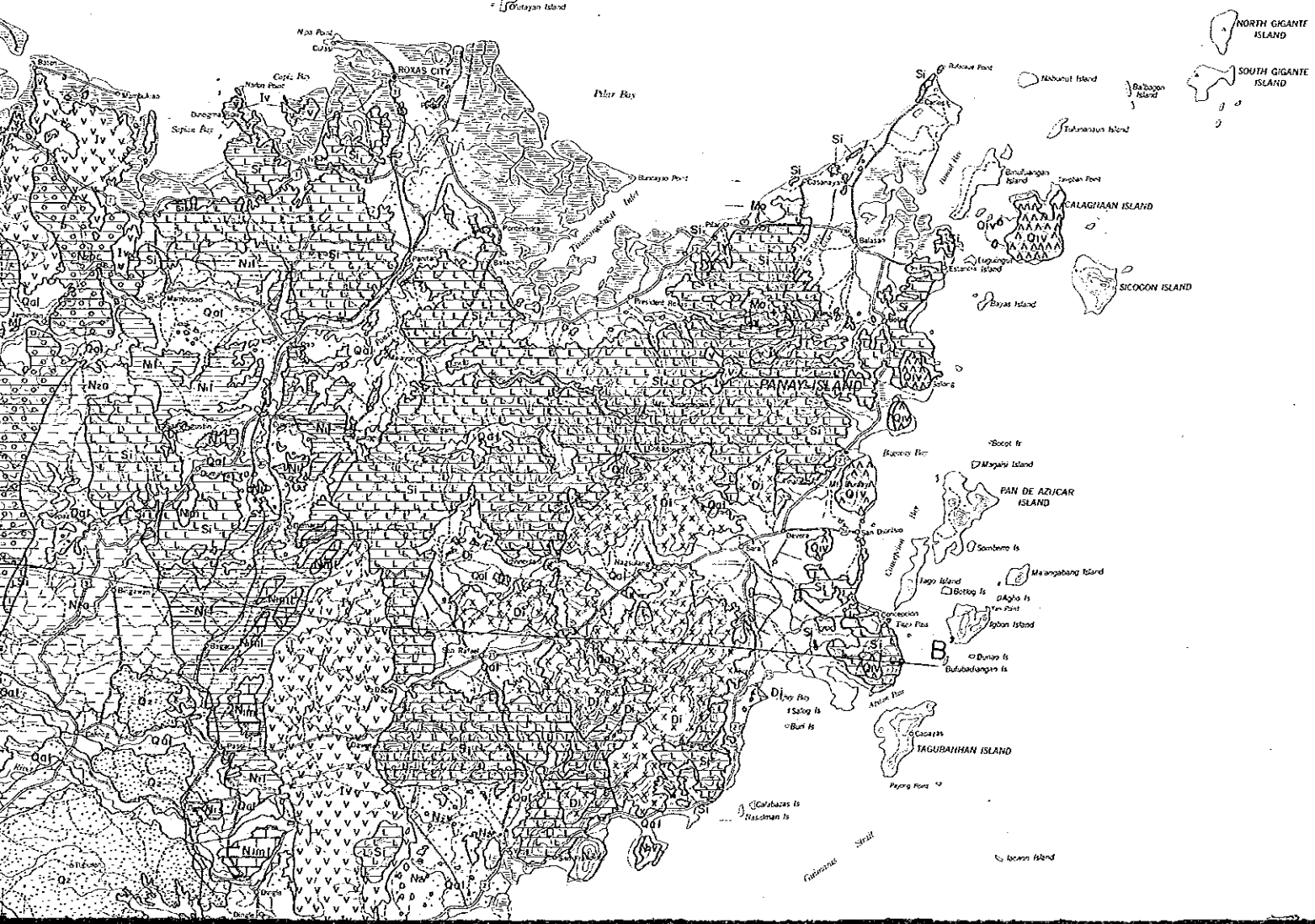
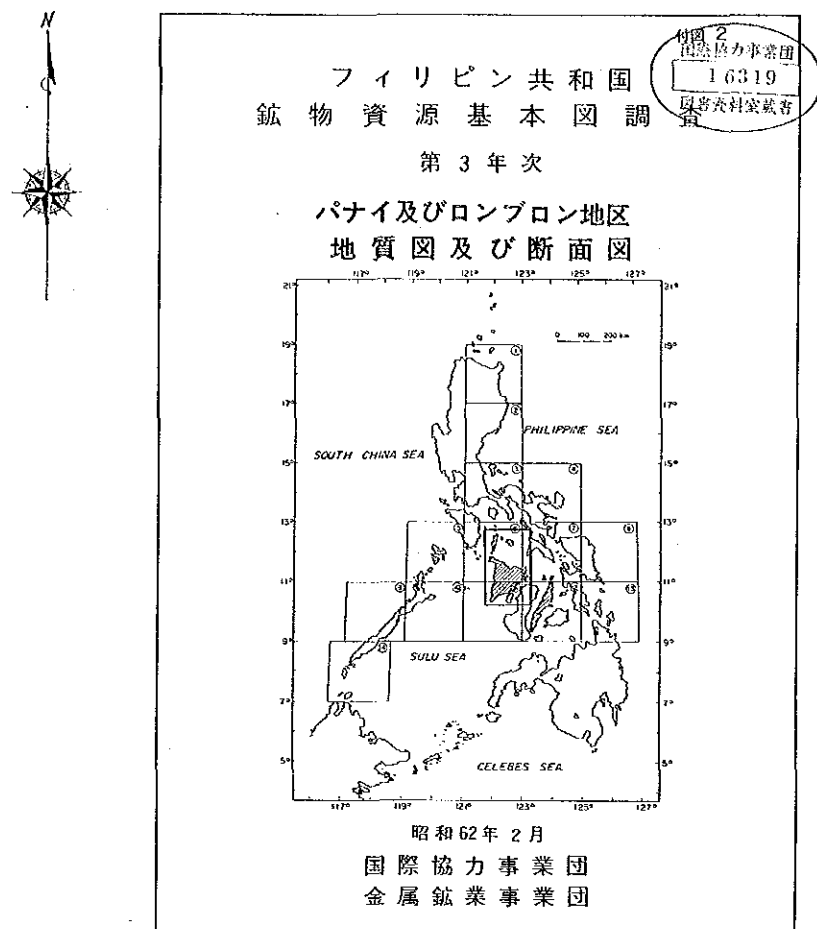
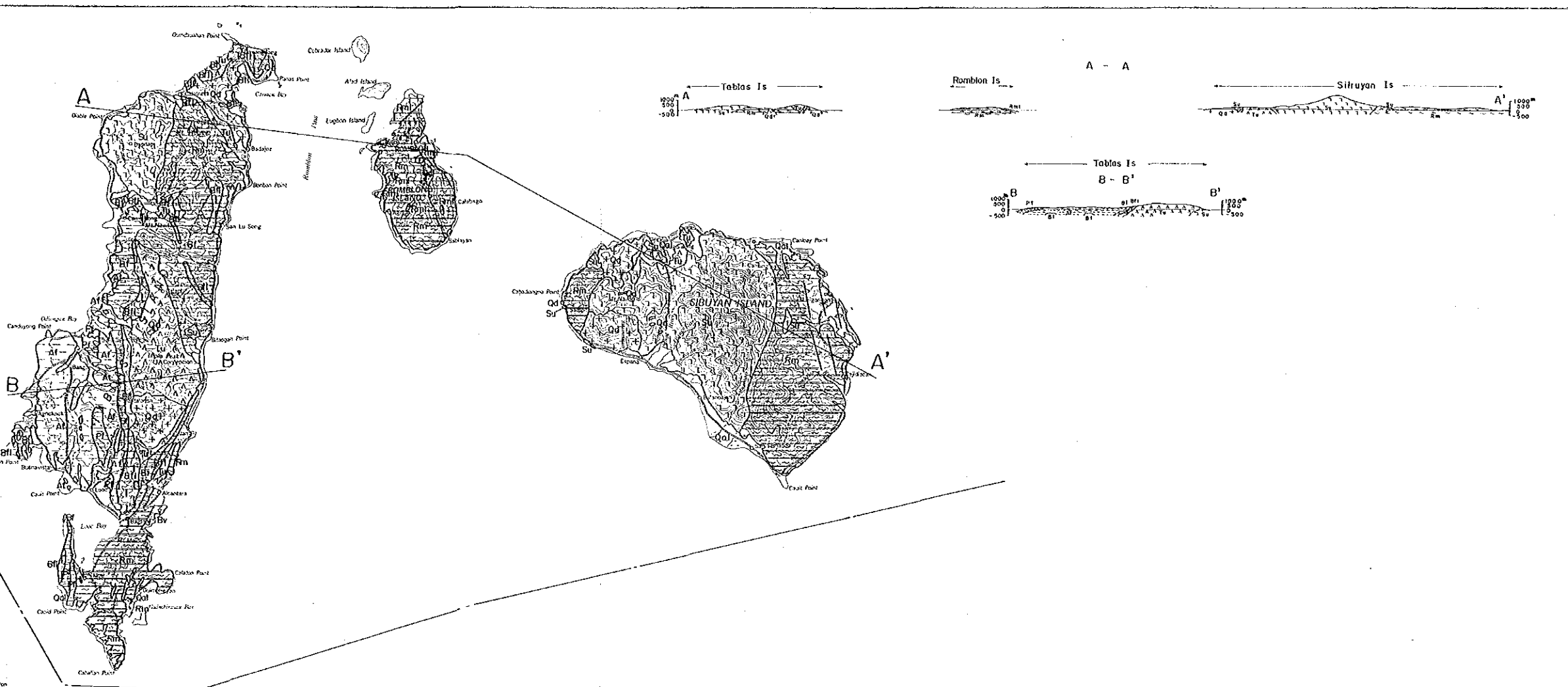
TANON STRAIT



Compiled from Geological Map Quadrangles (1:50,000) of Sheet No. 3649-I, 3649-II, 3650-I, E, 3750-II, N, 3751-I, II, III, 3851-II, N, 3852-III, W and Geologic Map of Cebu (1:250,000)

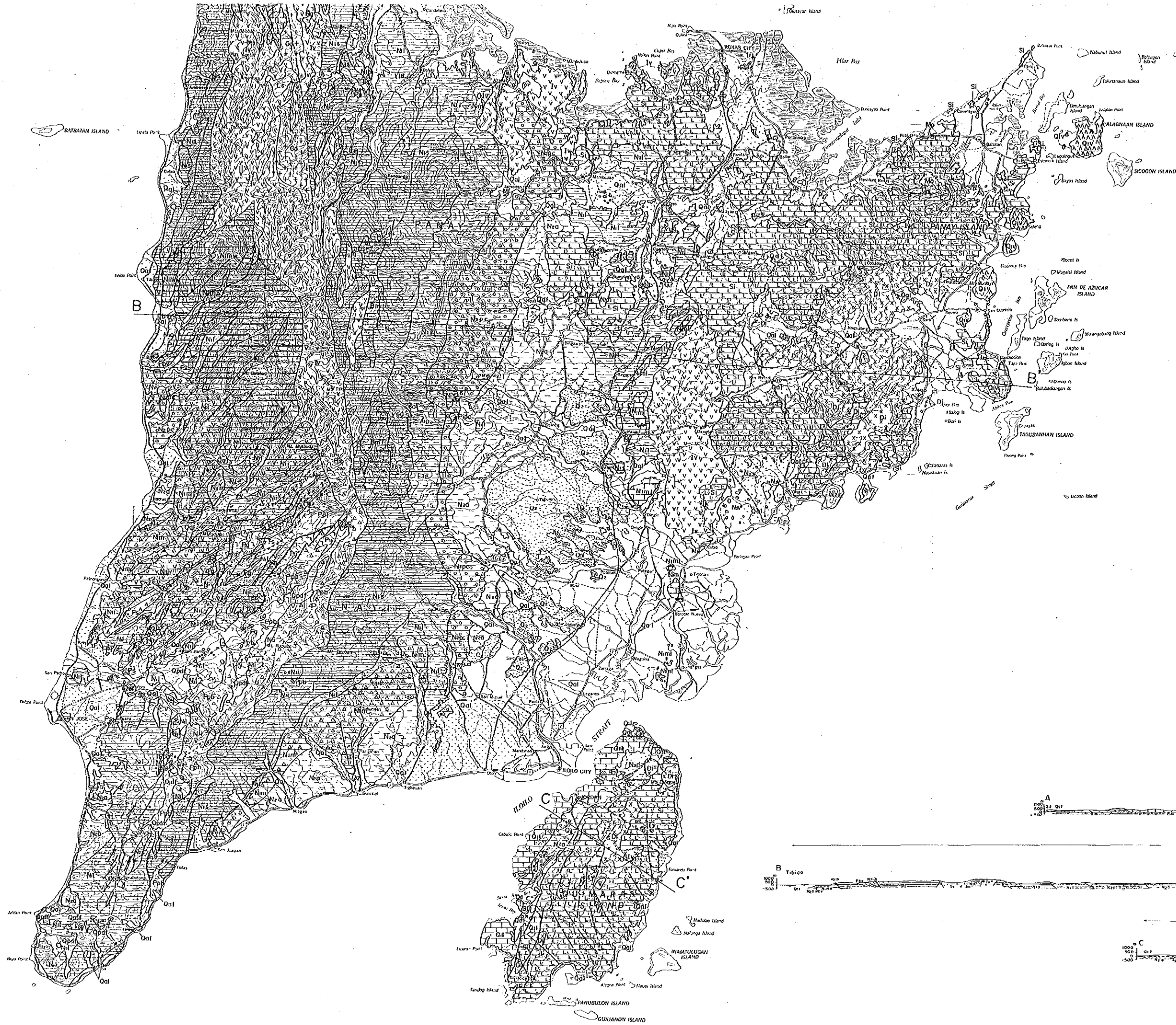


(A)	Albarium	Ool
Quaternary		P1
		P2
	Deilivium	A1
		A2
Middle & late Morena		B1
		B2
Tertiary		C1
		C2
Late Oligocene		T1

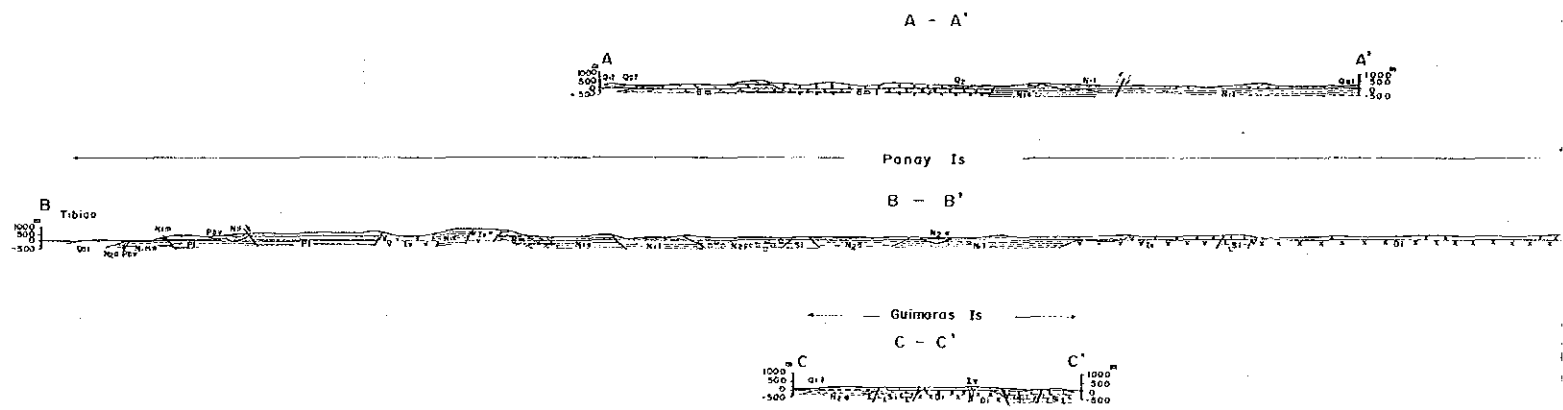


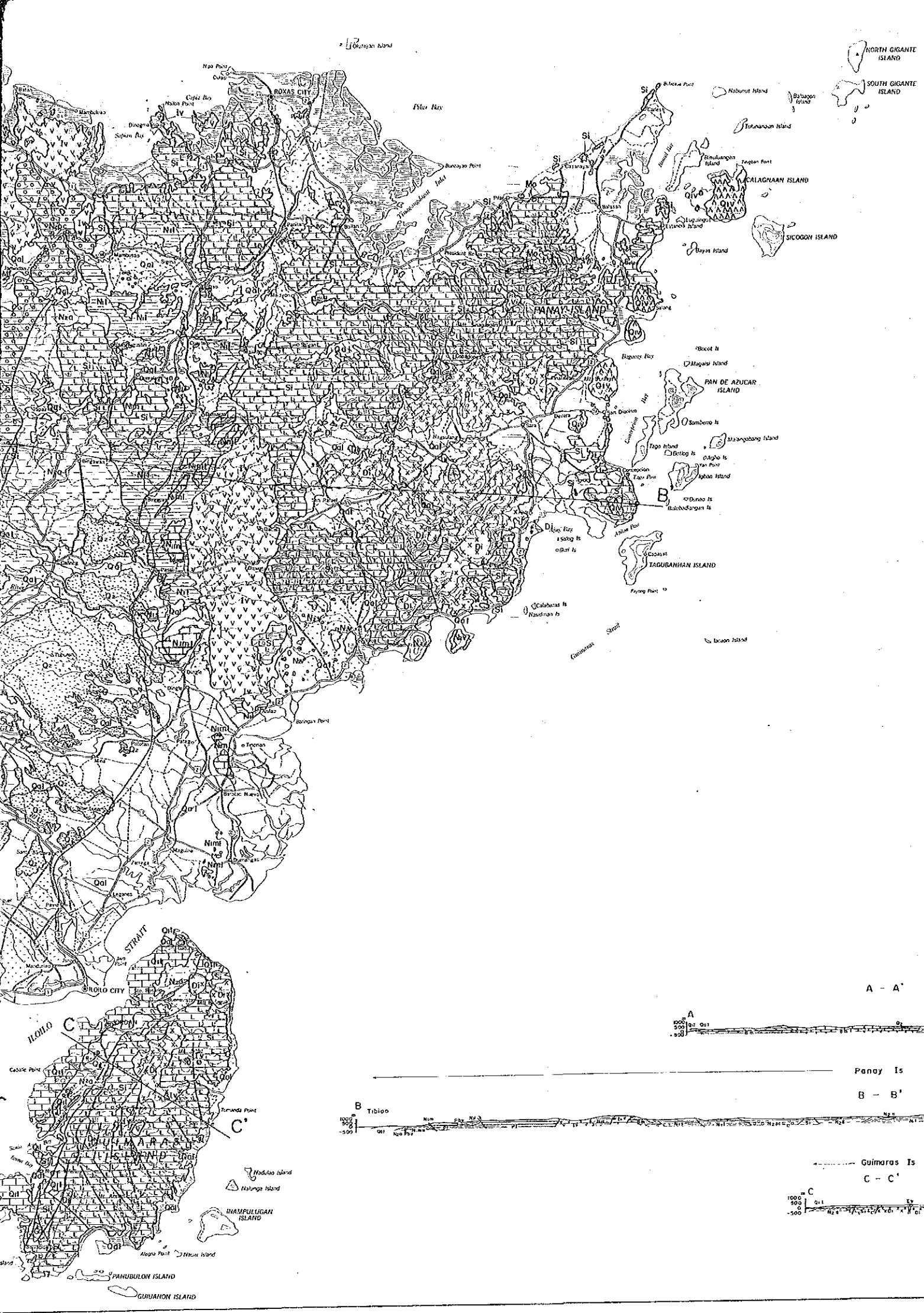
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	Content	Formation Name	Contents	Formation Name	Contents	Rock Name	
A	Albrium	Qa1 Rock Facies Sand Gravel	Holocene	Qa1 Soil, Gravel Sand Coral Reef			
	Quaternary	Qp1 Conglomeratic Limestone Sandy Shale, Shale	Quaternary	Qp1 Sandstone Siltstone Mudstone	Cubatuan Fm (Santa Cruz Fm)		
		Qv1 Andesite Flow & Buccia	Dellirivium	Qv1 Limestone	Guimasas Fm Santa Cruz Fm	Andesite Odiangan Volcanics	
	Dellirivium	Qa1 Tuffaceous Sandstone, Mudstone		Np1 Limestone	Ulion Limestone		
		Qa1 Limestone		Np2a Marl Mudstone Wacke	Apdo Fm (Ulion Fm)		
	Middle & Late Miocene	BT1 Calcareous Sandstone		Np2c Conglomerate	Panlupan Conglomerate (Idoy Fm)		
		BT1 Limestone		Nm1a Calcareous Sandstone Basalt Flow & Breccia	Mayos Fm (Makato Fm)	Limestone Makato Fm	
	Tertiary		Qd1 Quartzdiorite		Nm1b Siltstone, Mudstone, Ligno Fm Tuff, Wacke, Minor Conglomerate	Lagdo Fm (Toledo Fm)	
					Nm1c Turbidite, Wacke, Andesite Flow, Minor Siltstone	Mallao Wackes	Granodiorite Paol Diorite
	Late Oligocene				Nm1d Andesite Flow & Breccia, Lignaceous Tuff, Wacke, Igneous Conglomerate	Iguaco Volcanics, Basalt Flow & Breccia	Antique Ophiolites
				Nm1e Mudstone, Wacke, Conglomerate, Minor Basalt & Andesite Flow	Sewaragan Fm (Libaco Fm) (Singit Fm)	Pillow Lavas Diabase Complex	
Oligocene				Np1v Pillow & Lignaceous Basalt, Minor	Panlupan Basalt	Massive Gabbro Serpeninite	
						Serpentinized Hornblende	

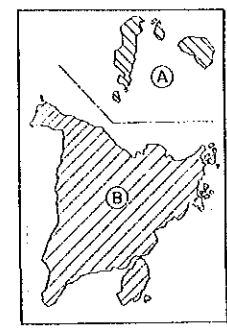


A	Alurium	Qal
	Quaternary	Qp
		Qm
		Qd
	Deilivium	Q1
		Q2
		Q3
	Middle & late Miocena	Q4
		Q5
		Q6
Tertiary		
Late Oligocent	Q7	
	Q8	
Pre-Tertiary	Q9	



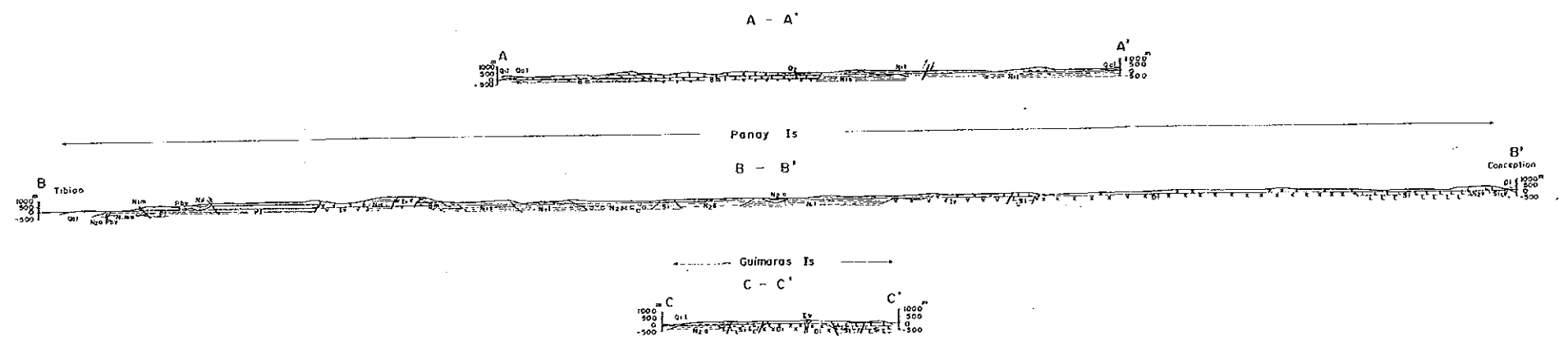
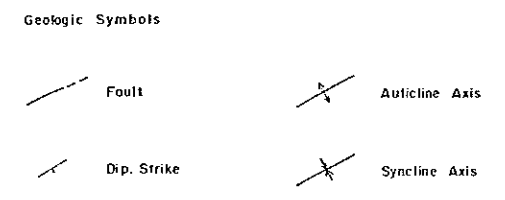


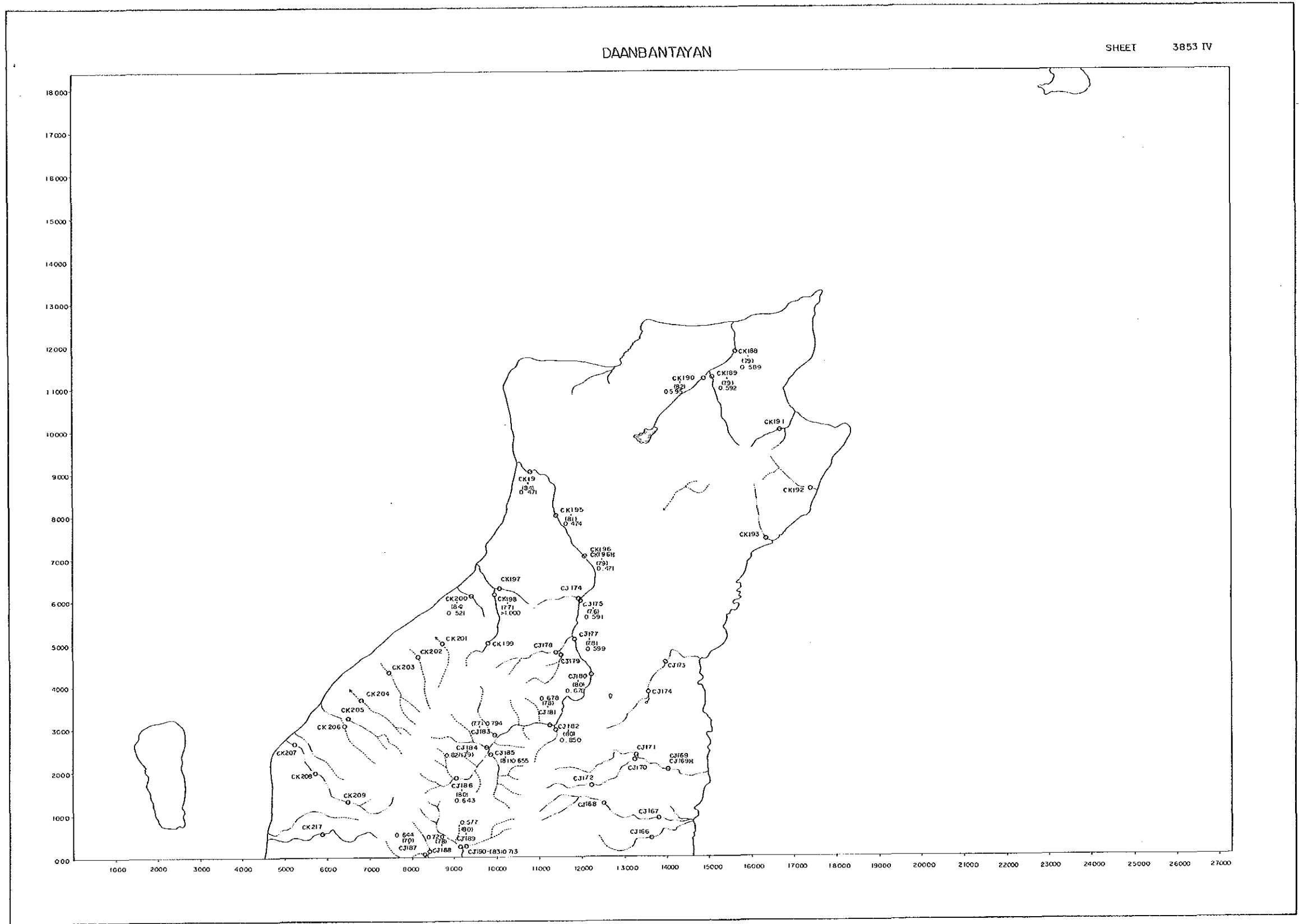
LEGEND



Content	Formation Name
Alhurium	Rock Facies Sand Gravel
Quaternary	PELI Formation
	Banten Volcanics
	Anahao Formation
	Binoog Formation
Middle & late Mocene	Quartzdiorite
	Andesite, Basalt Flow & Buccia, Tablas Volcanics
Late Oligocene	Schist
	Crystalline Limestone
Pre-Tertiary	Romblon Metamorphics
	Sibuyan Ultra-Mafic Rocks
	Peridotite, Pyroxinite, Gabbro

Contents	Formation Name	Contents	Rock Name
Holocene	Soil, Gravel Sand Coral Reef		
Quaternary	Cabatuan Fm (Santa Cruz Fm)		
	Guimaras Fm Santa Cruz Fm	Andesite Odiangan Volcanics	
Pliocene	Ulian Limestone		
	Apdo Fm (Ulian Fm)		
Tertiary	Panlupan Conglomerate (Iday Fm)		
	Mayos Fm (Makoto Fm)	Limestone Makoto Fm	
	Sillstone, Mudstone, Laga Fm (Toledo Fm)		
Miocene	Mallao Wackes	Antique Ophiolites	
	Igawa Volcanics, Basalt Flow & Breccia	Pillow Lavas	Dabase Dyke Complex
	Sewaragon Fm (Ligao Fm)	Massive Gabbro	Serpentine B
	Basalt Flow & Breccia Tuff	Panpan Basalt	Serpentinized Harzburgite
Eocene	Lubuyan Fm		
	Igbao Sediments		
Paleocene	Sibara Fm	Sama Diorte (Guimaras Diorte)	Pilar Manzanite
	Basement	Lime Stone Basement	



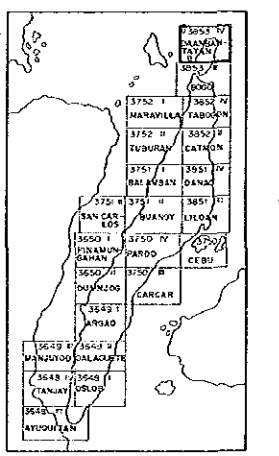


フィリピン共和
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 第3年次
 セブ地区
 サンプル採取位置・pH値・電
 位

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Scale 1 : 50,000

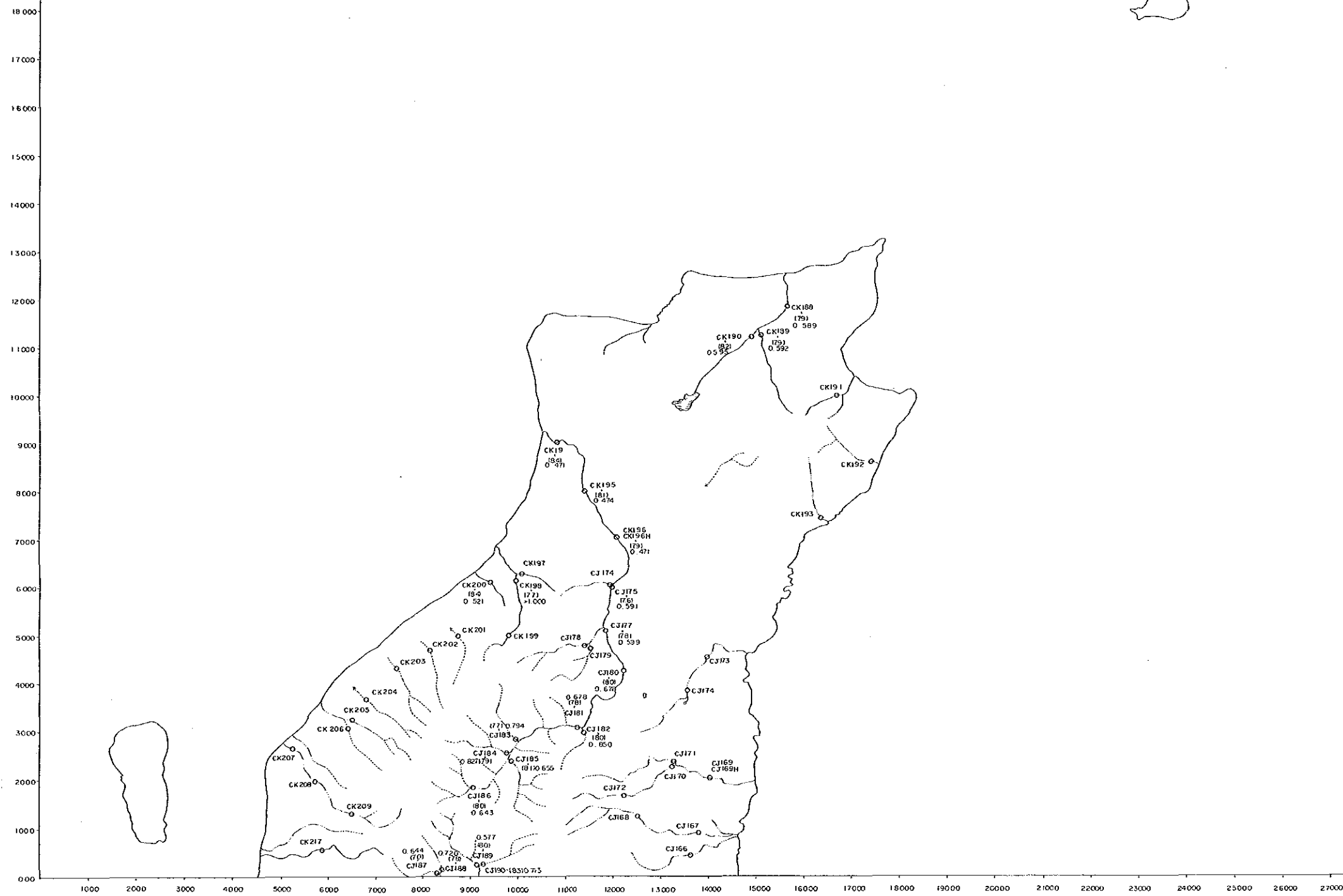
LEGEND



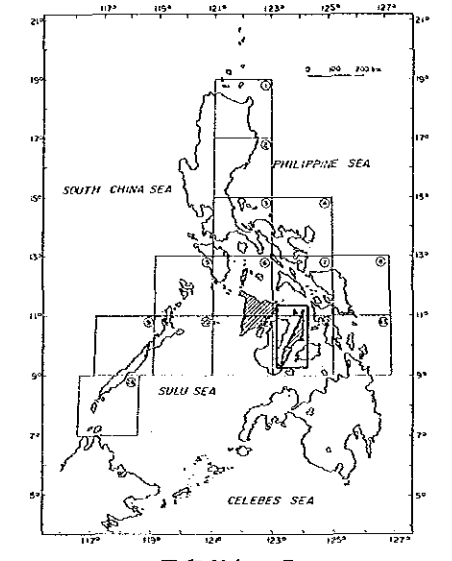
- : 河床堆積
- (70) : pH値
- 0.280 : 電位伝導
- [B-48] : 室内試験

DAANBANTAYAN

SHEET 3853 IV



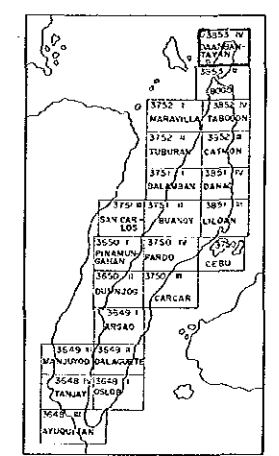
付図 3-1
 フィリピン共和国
 鉱物資源基本図調
 第3年次
 セブ地区
 サンプル採取位置・pH値・電気伝導度図



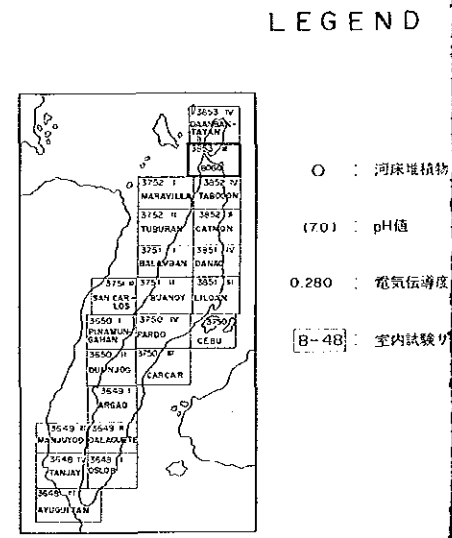
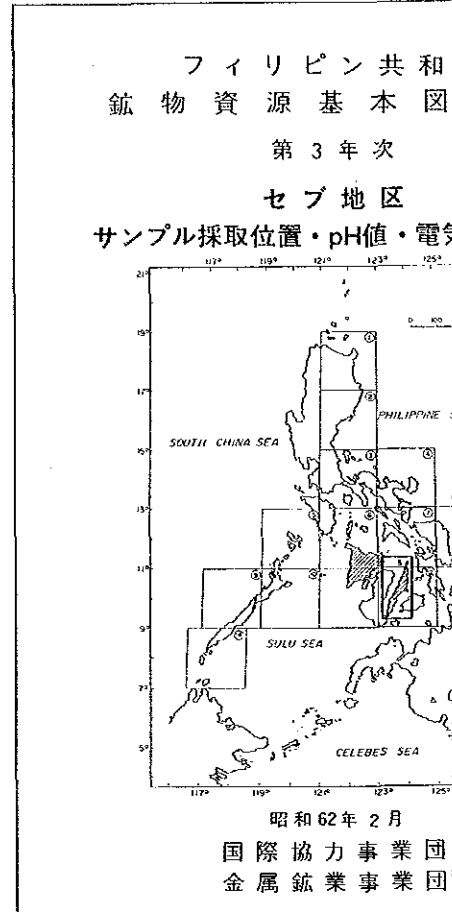
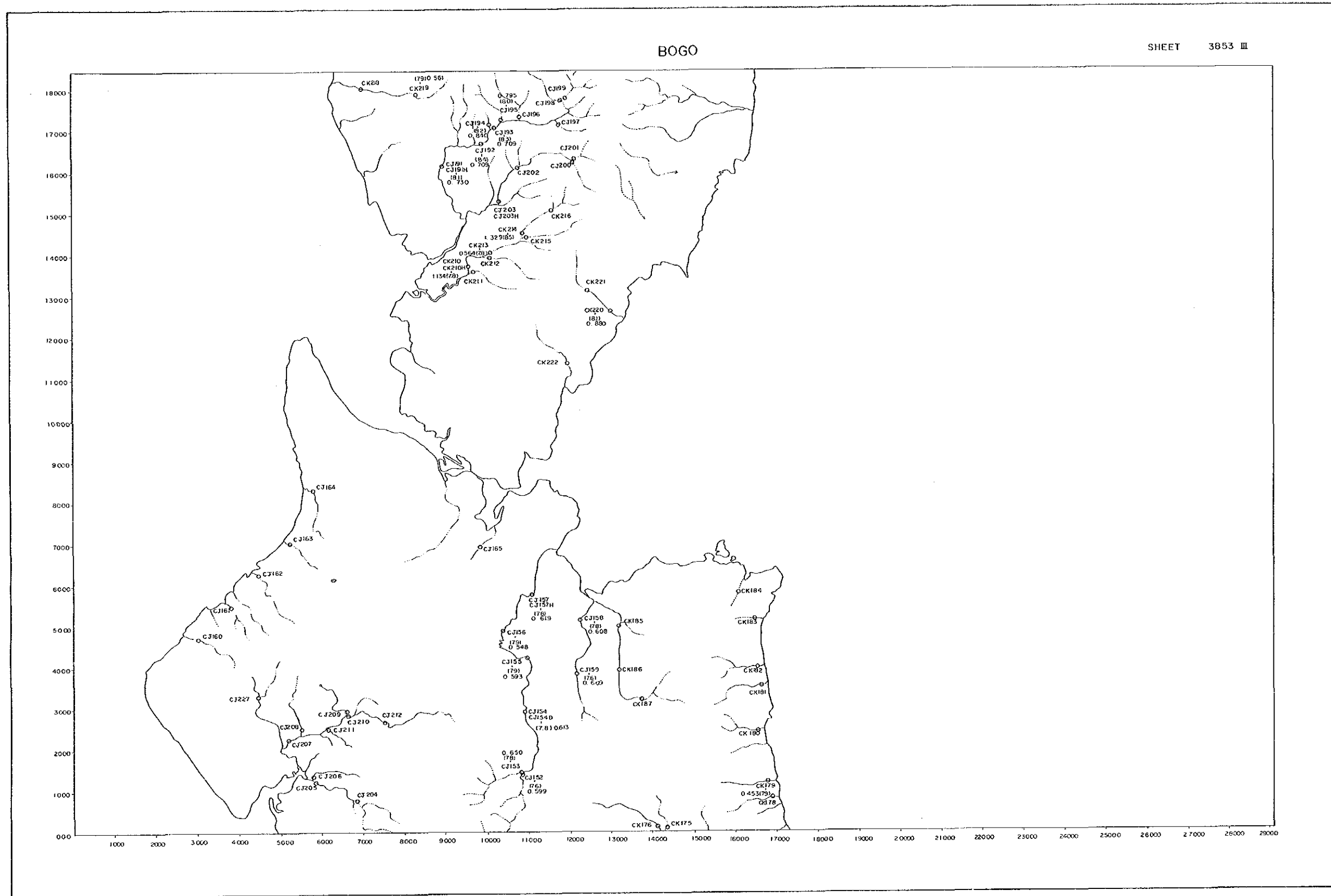
昭和62年2月
 国際協力事業団
 金属鉱業事業団

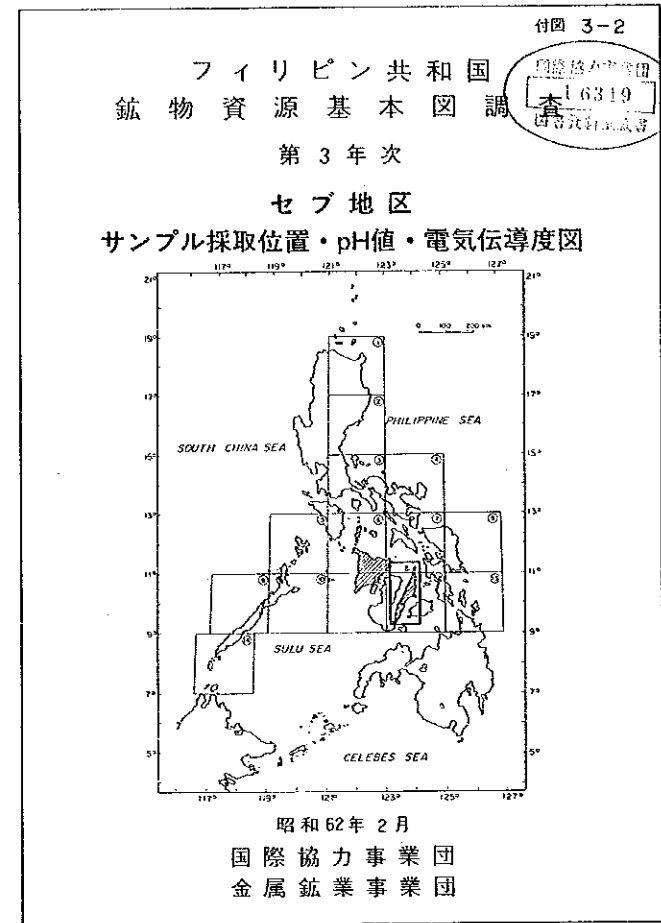
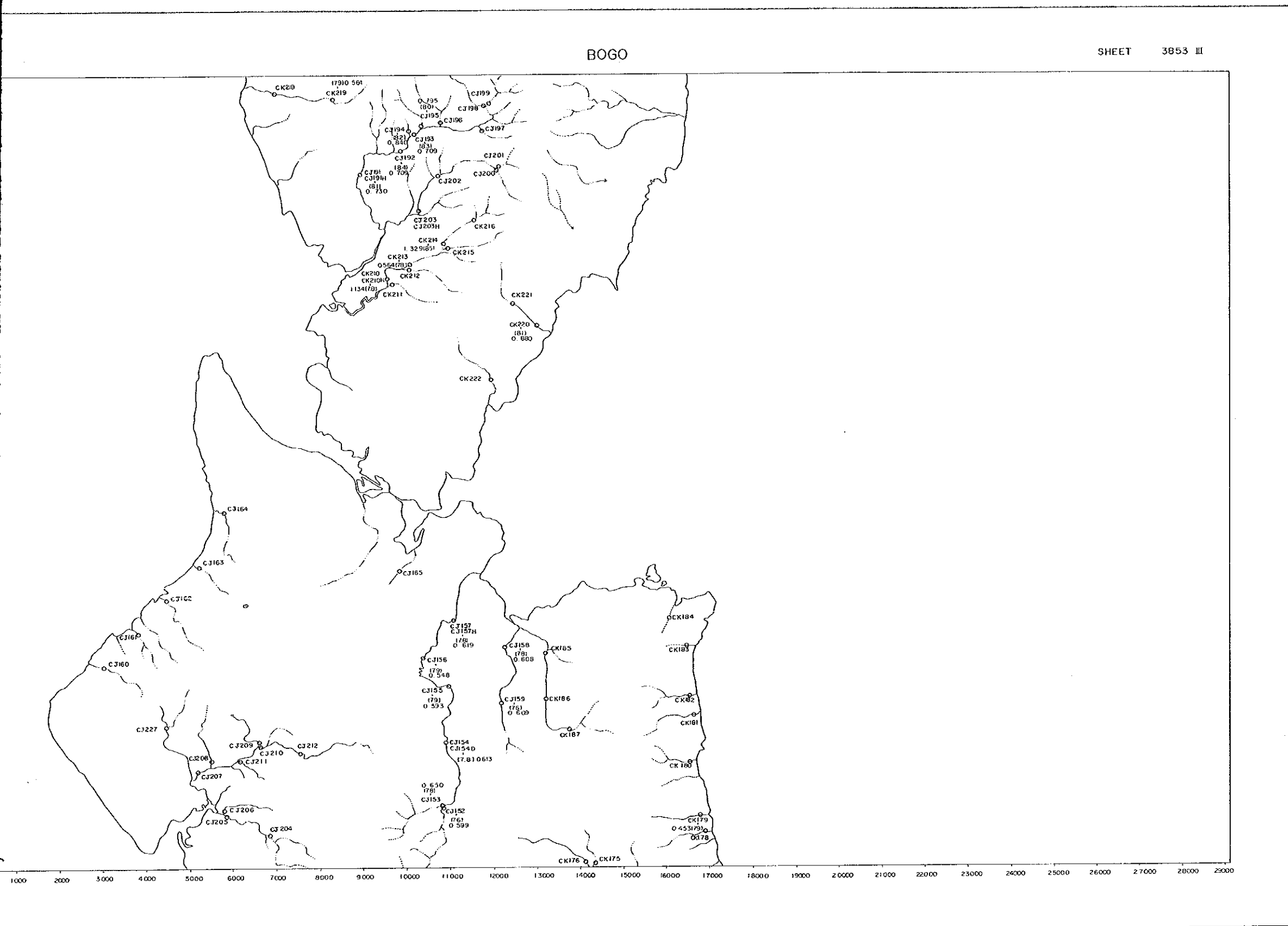
Scale 1 : 50,000
 0 2 4 km

LEGEND

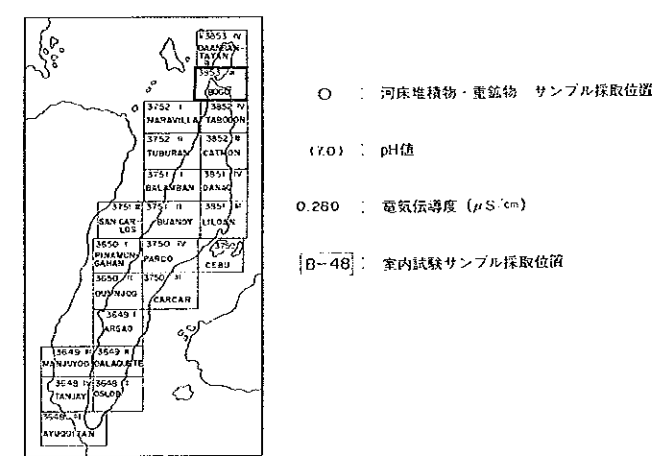


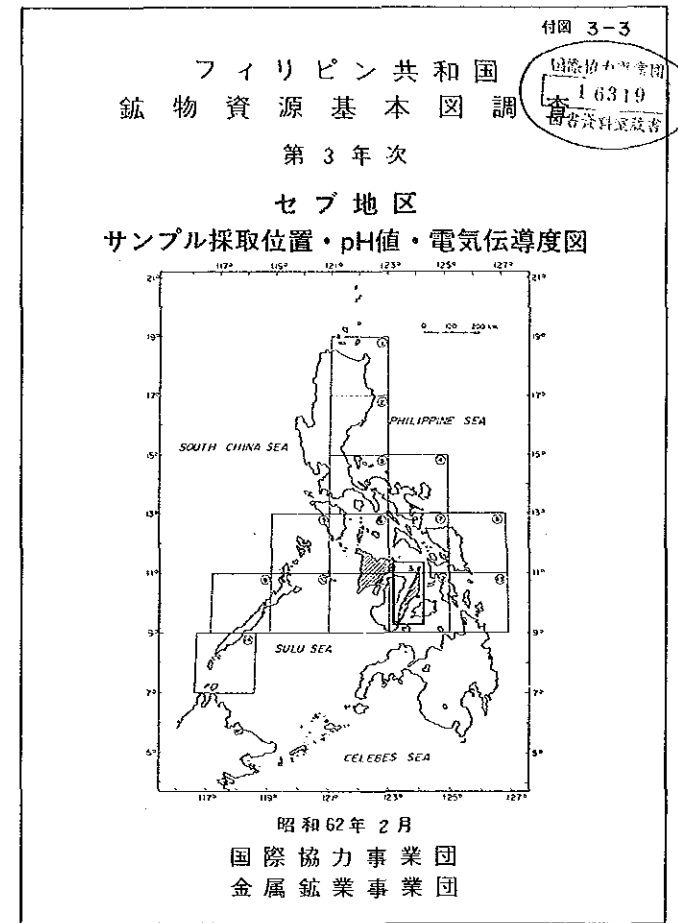
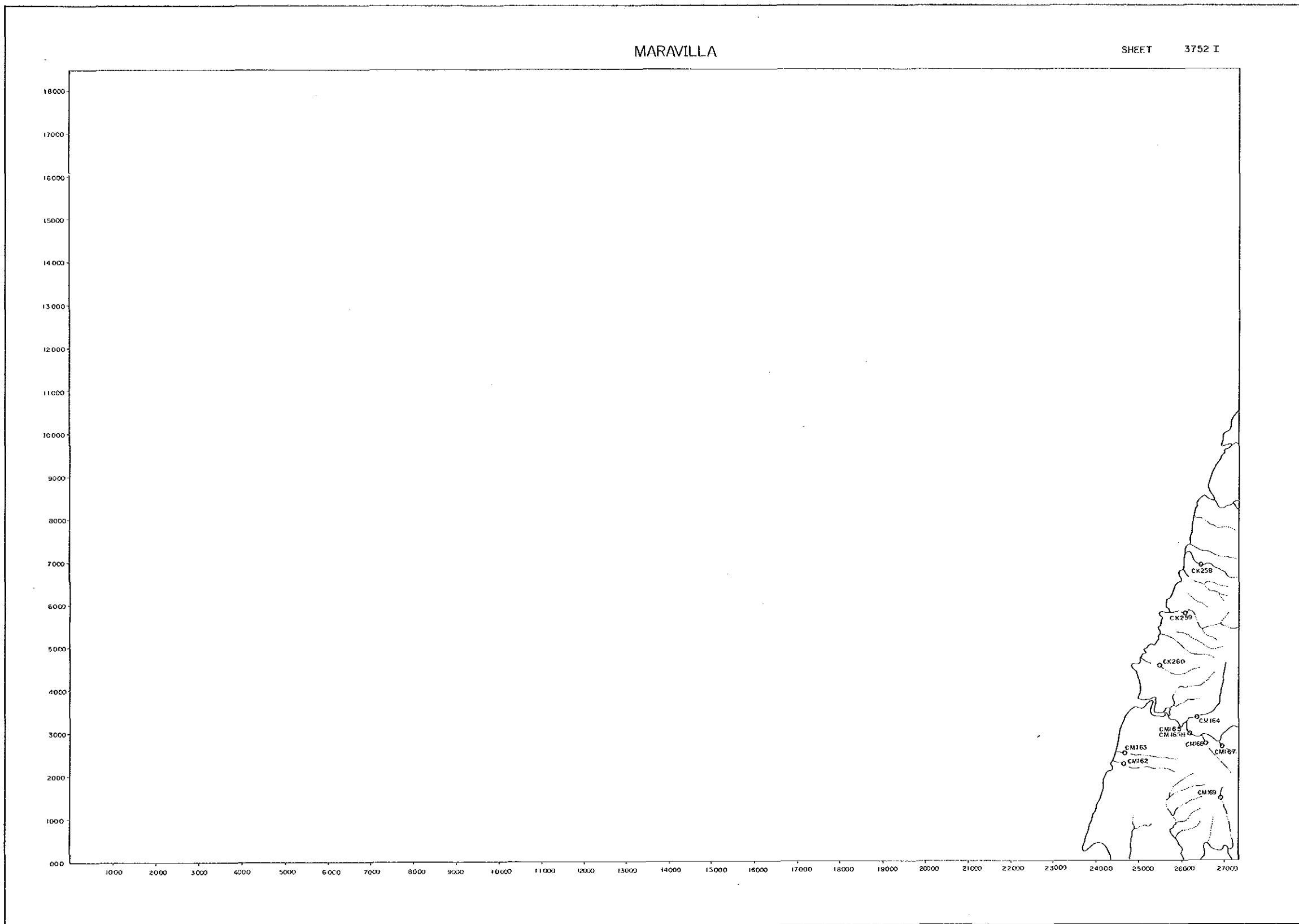
- : 河床堆積物・産鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-46] : 室内試験サンプル採取位置



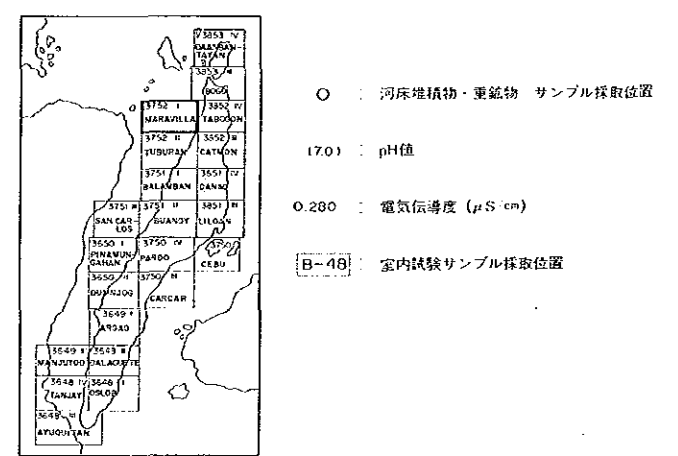


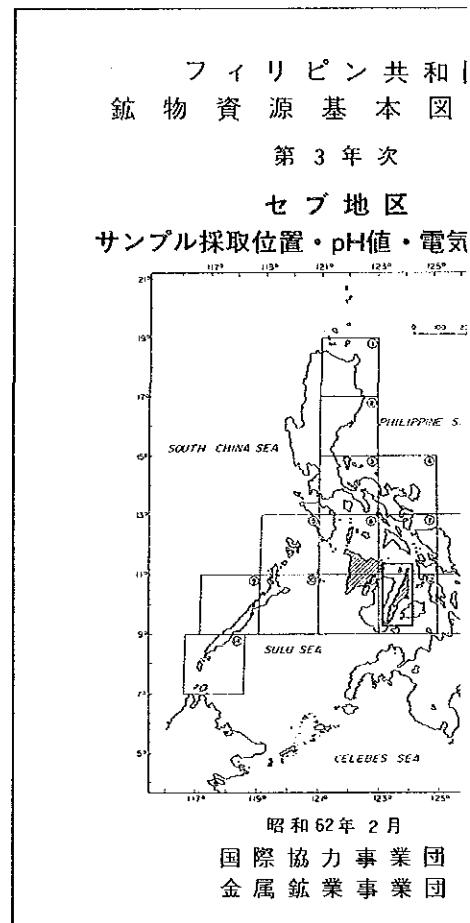
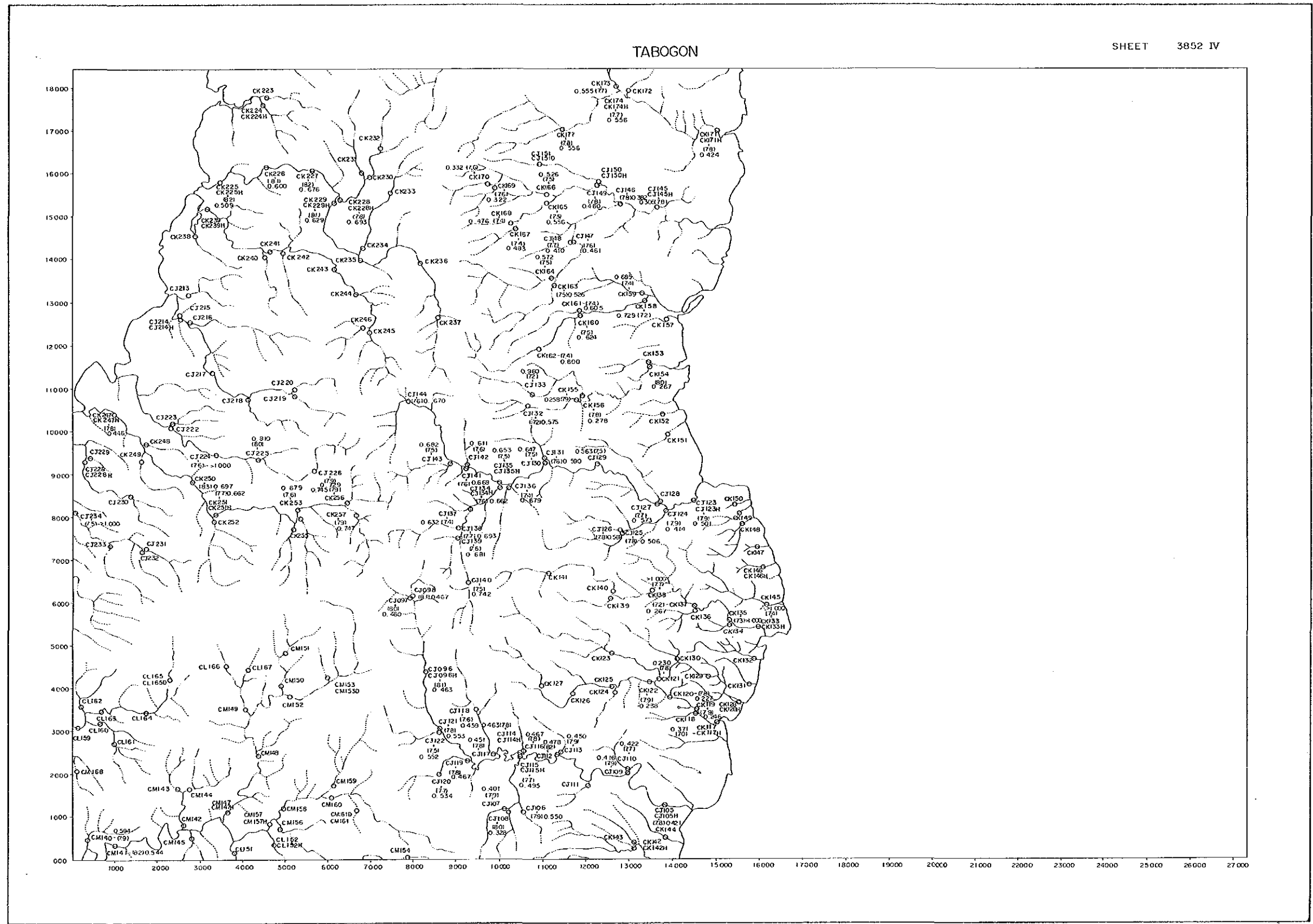
LEGEND





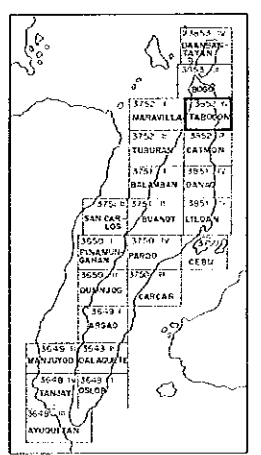
LEGEND





Scale 1: 50,000

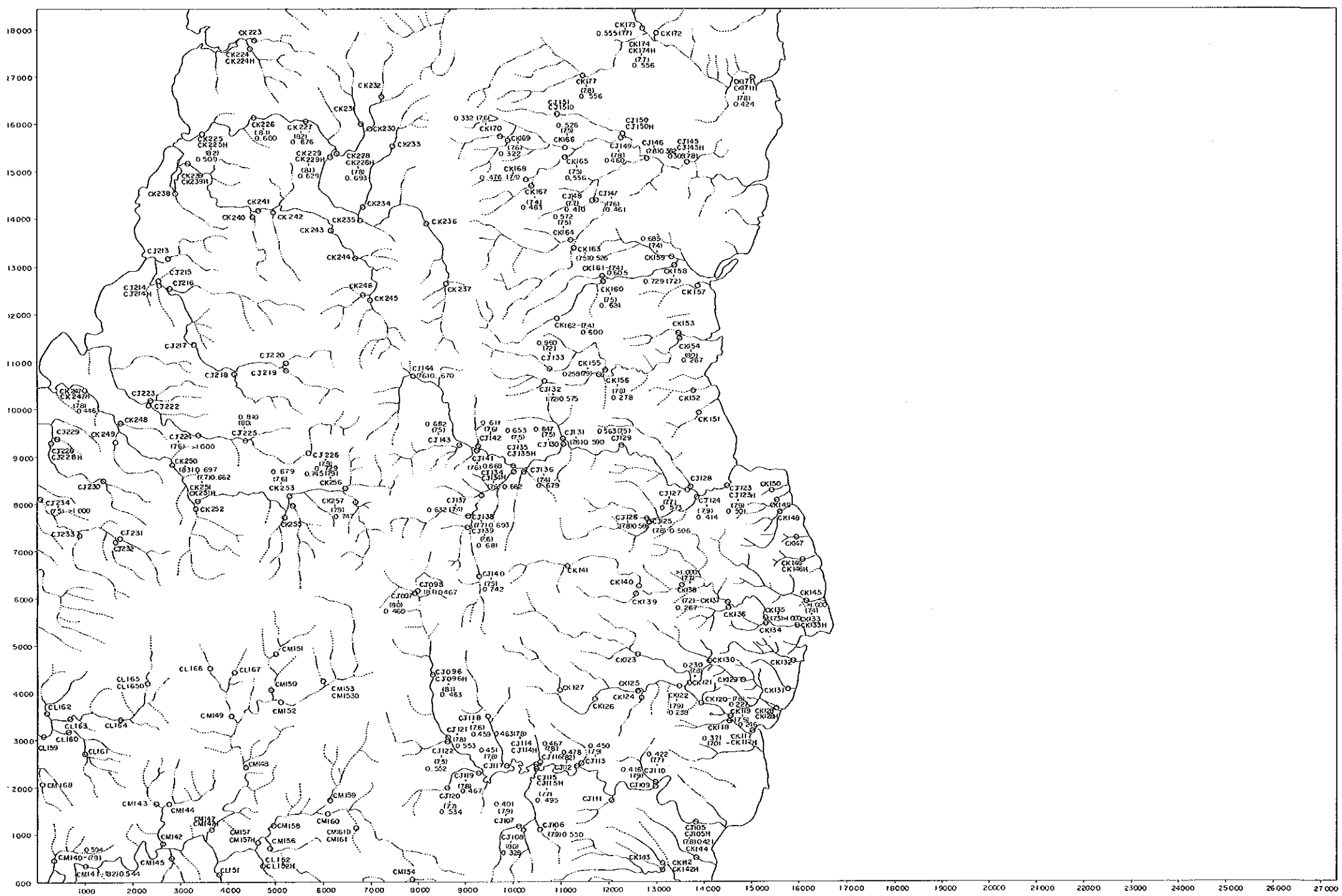
LEGEND



- : 河床堆積物
- 1701 : pH値
- 0.280 : 電気伝導度
- [B-48] : 室内試験サン

TABOGON

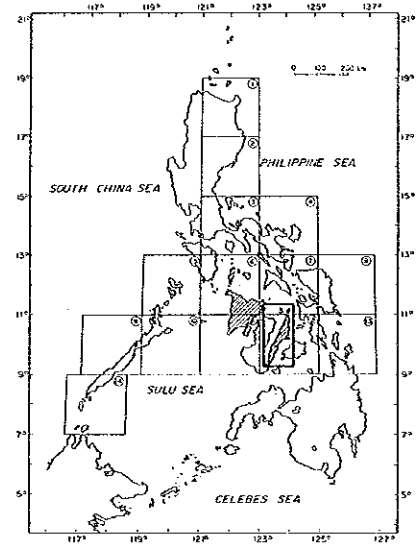
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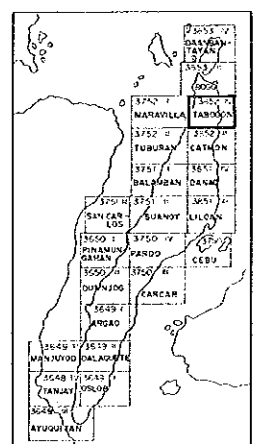
第3年次
セブ地区
サンプル採取位置・pH値・電気伝導度図



昭和62年2月
国際協力事業団
金属鉱業事業団

Scale 1: 50,000
0 2 4 km

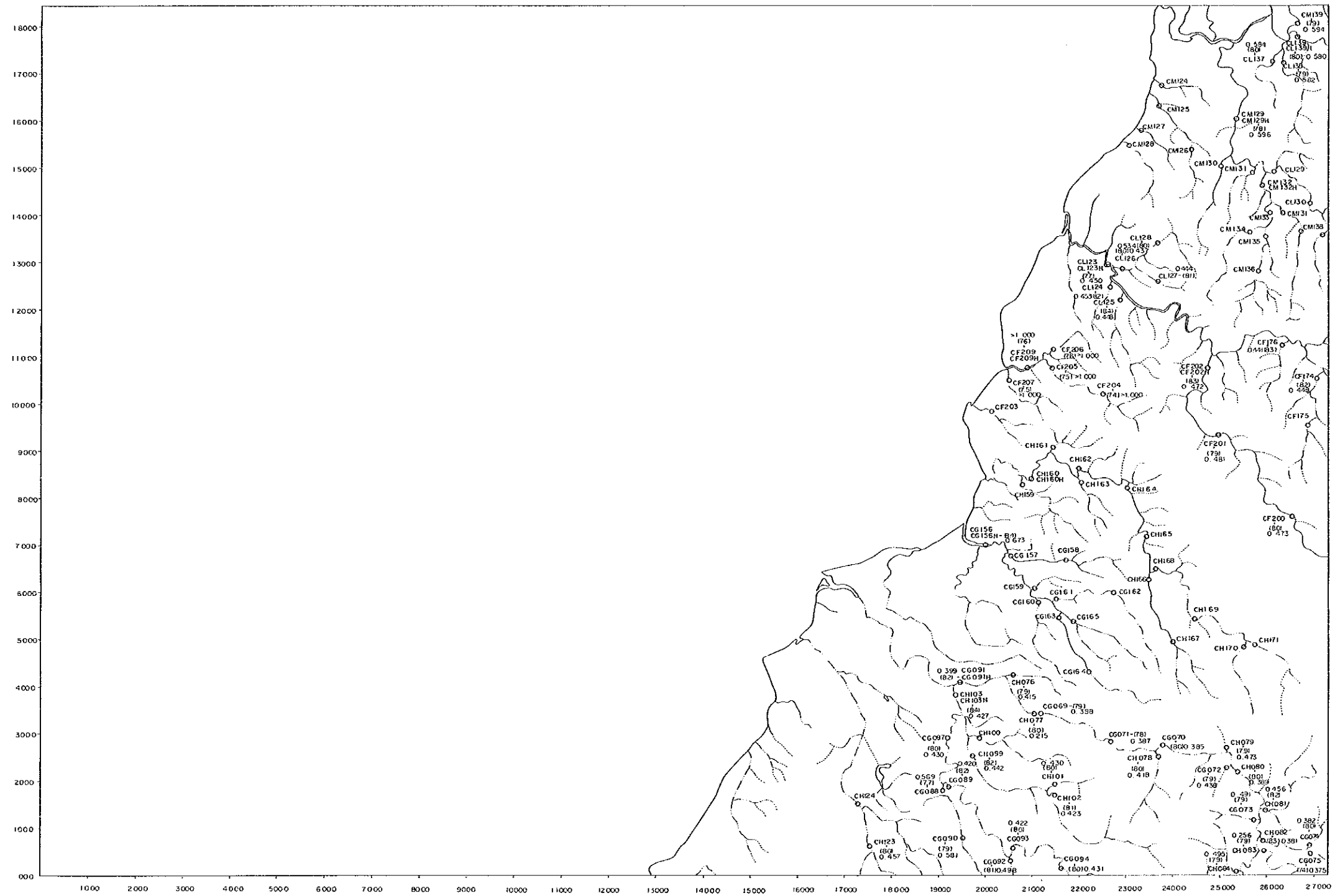
LEGEND



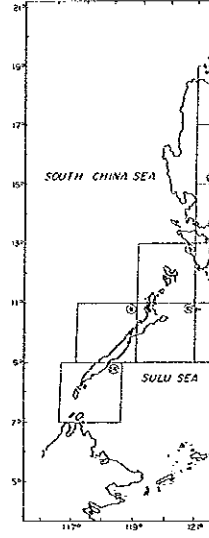
- : 河床堆積物・重鉱物 サンプル採取位置
- 1701 : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置

TUBURAN

SHEET 3752 II



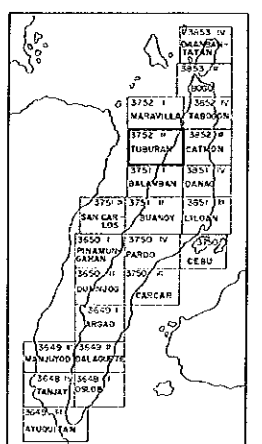
フィリピン
 鉱物資源
 第3
 セブ
 サンプル採取位置・p

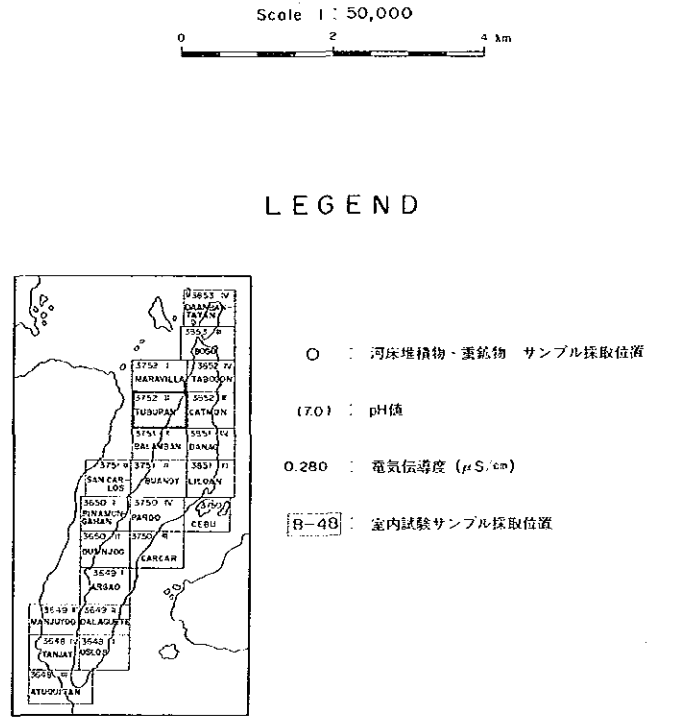
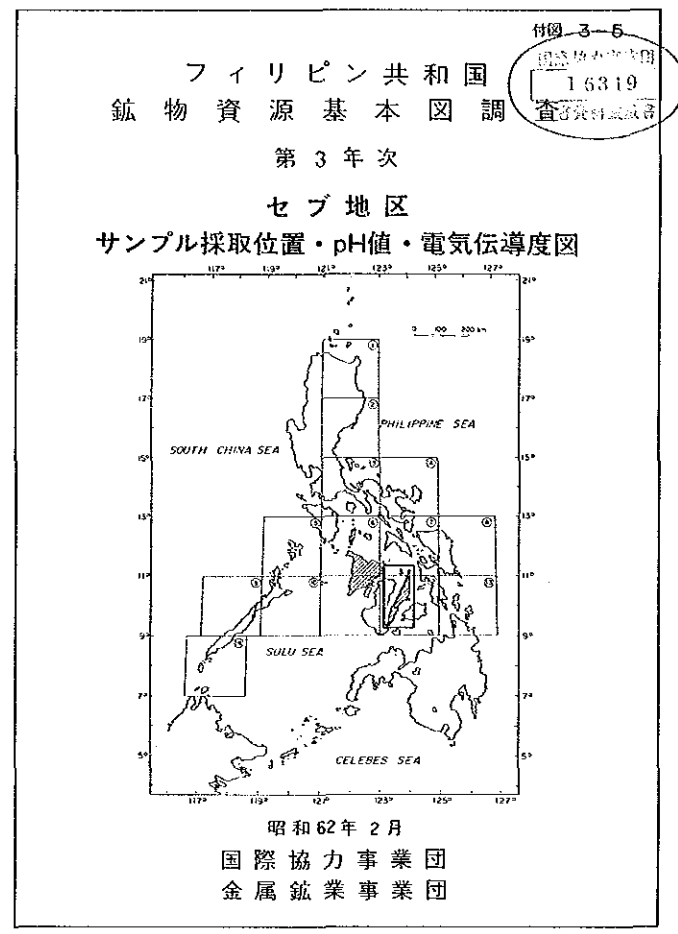
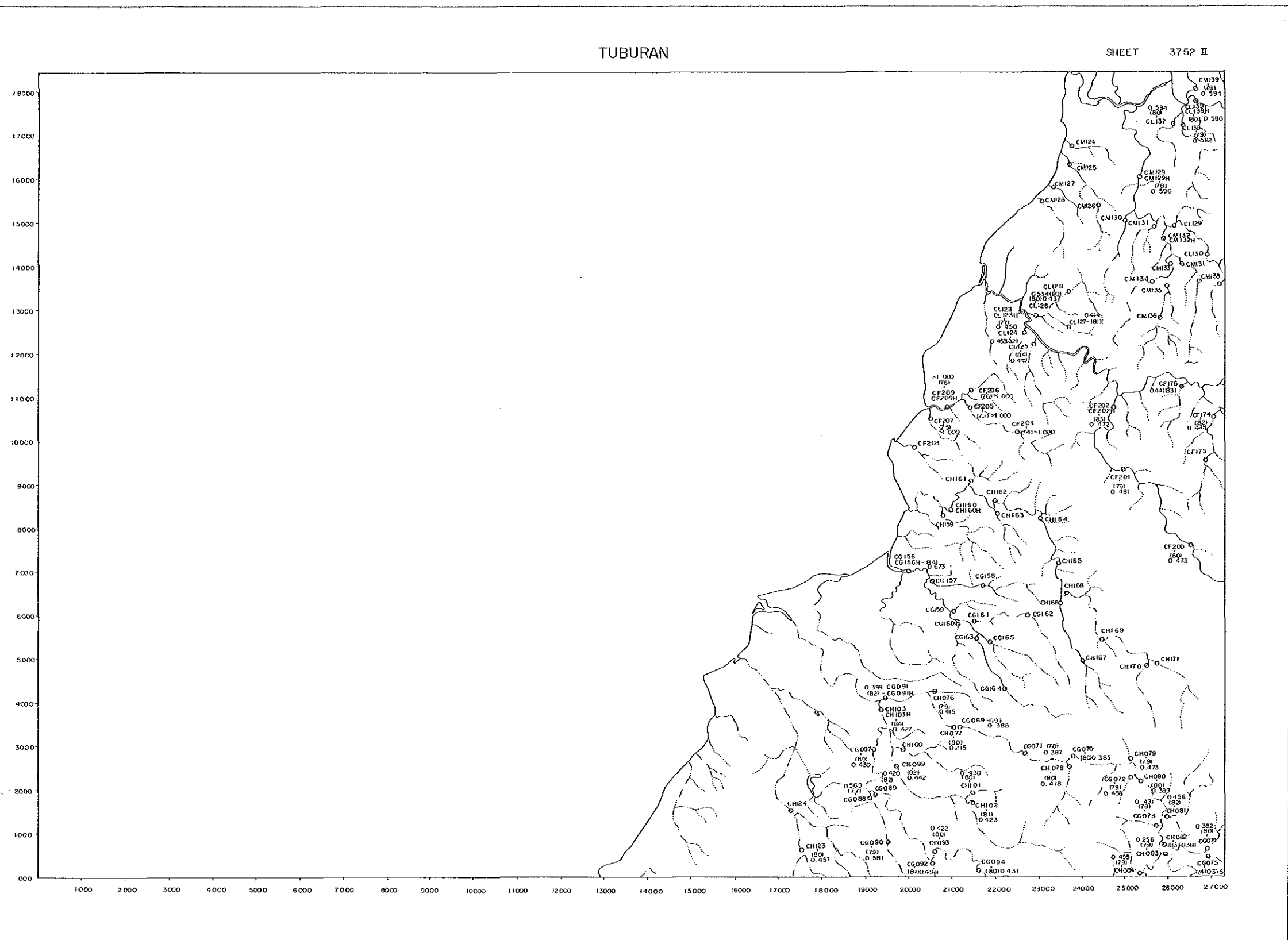


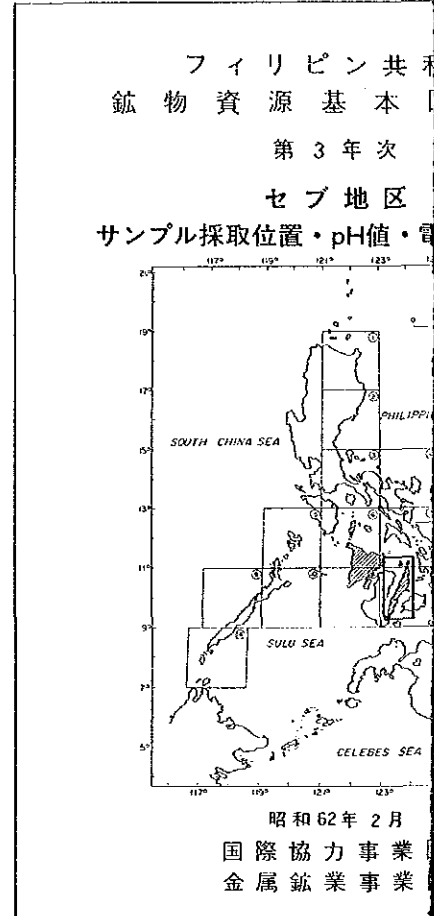
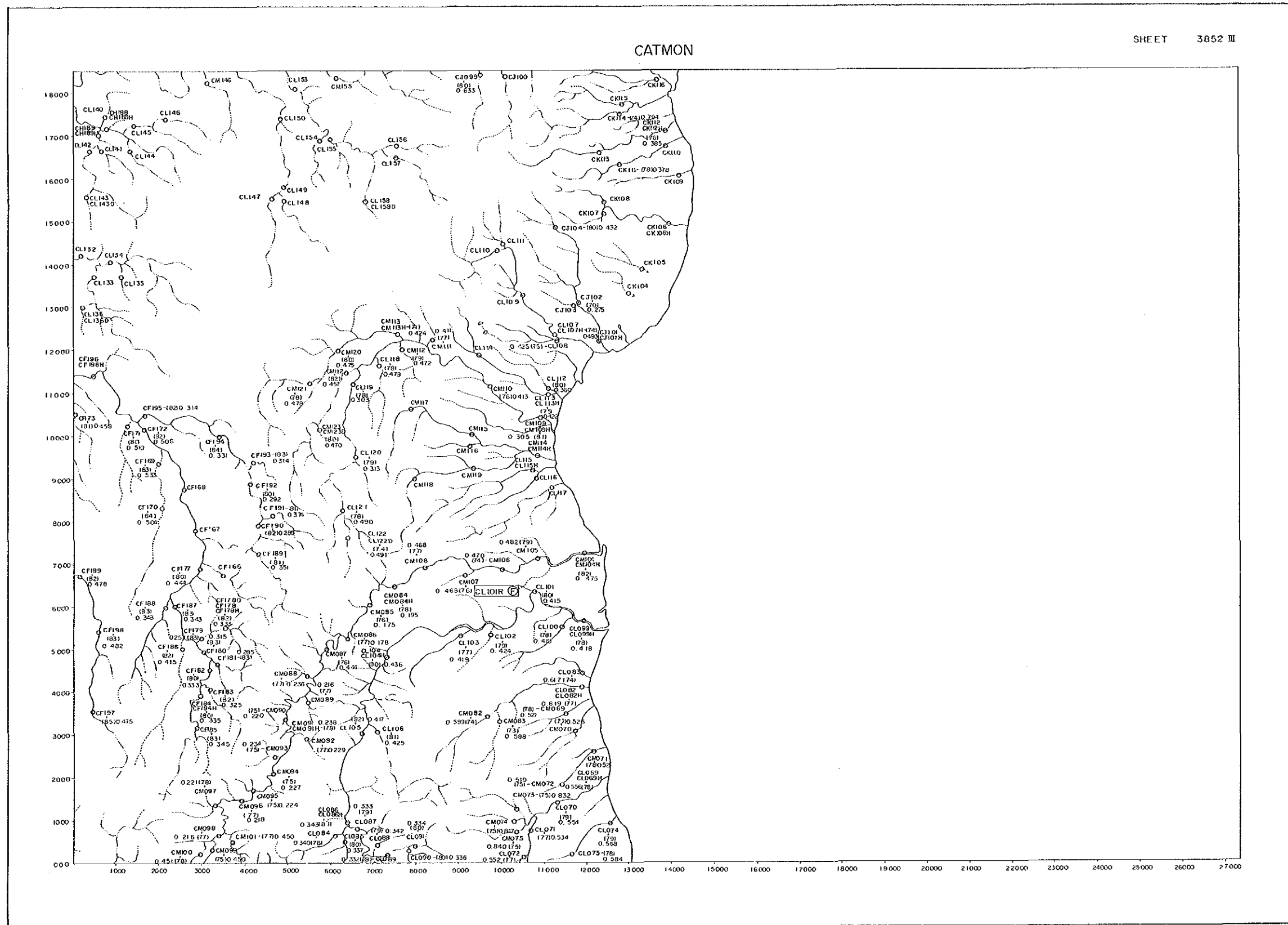
昭和62
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 金属鉱業

Scale 1 : 200,000

LEG

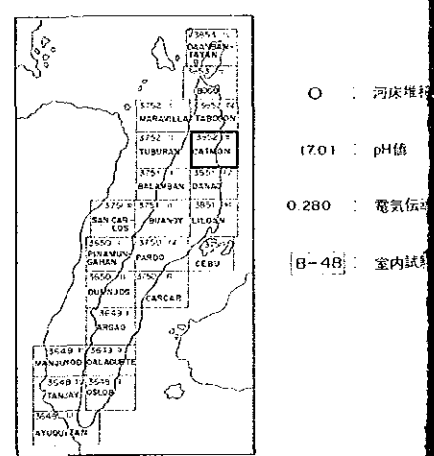






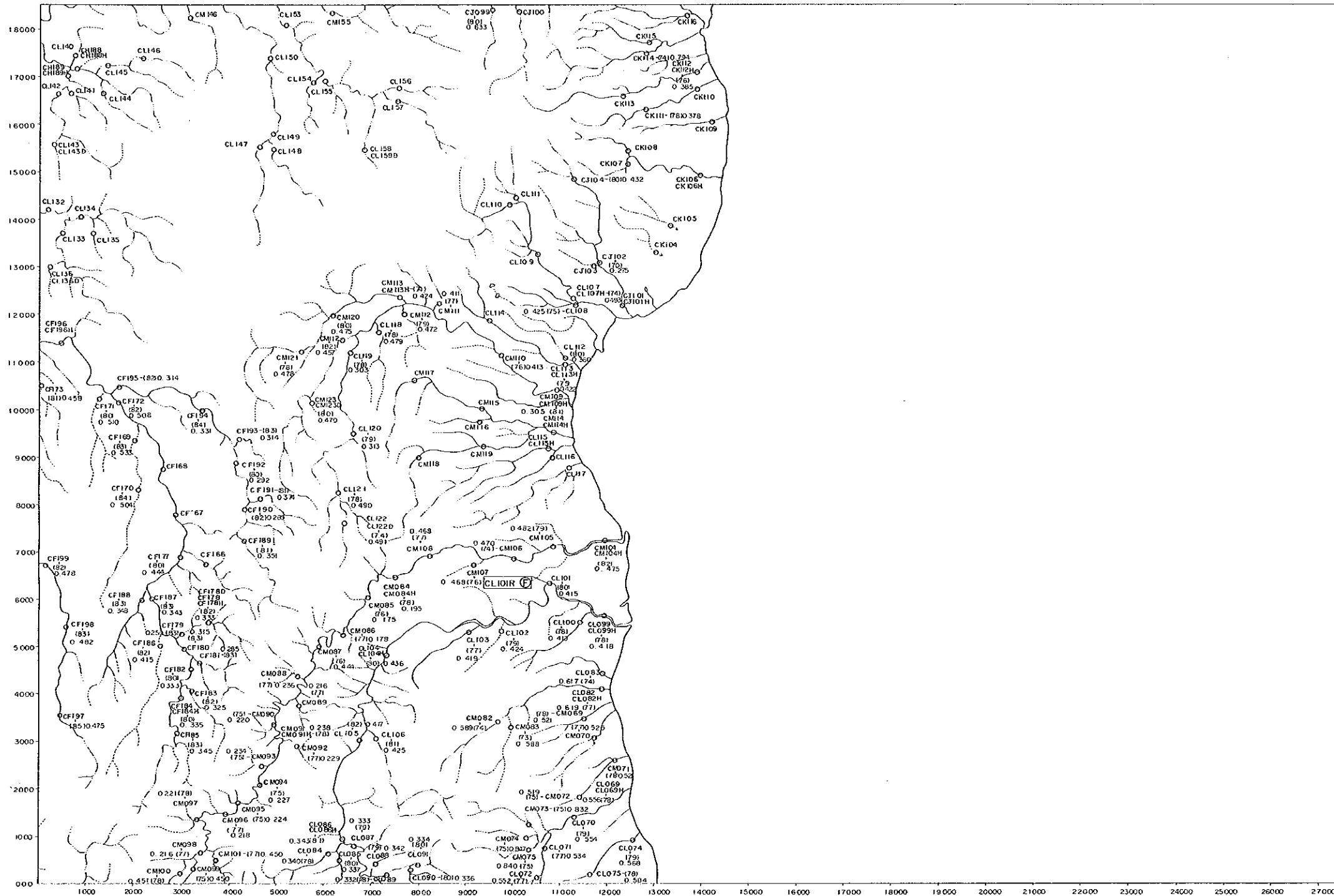
Scale 1 : 50,000

LEGEND

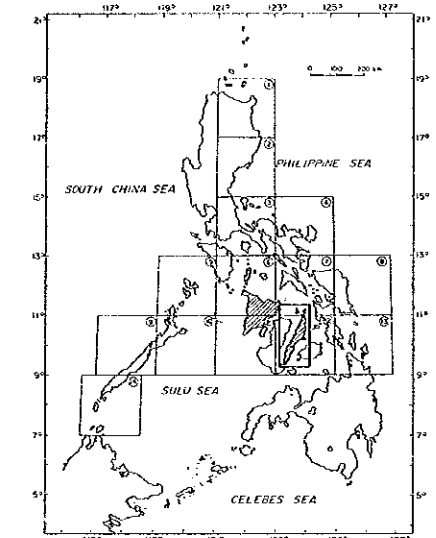


CATMON

SHEET 3852 III



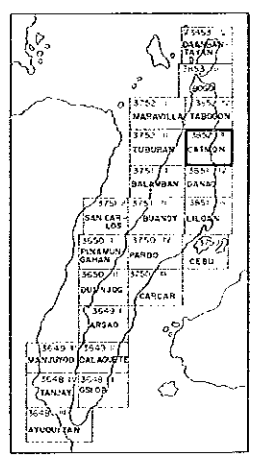
付図 3-6
 フィリピン共和国 国際協力事業団
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 サンプル採取位置・pH値・電気伝導度図



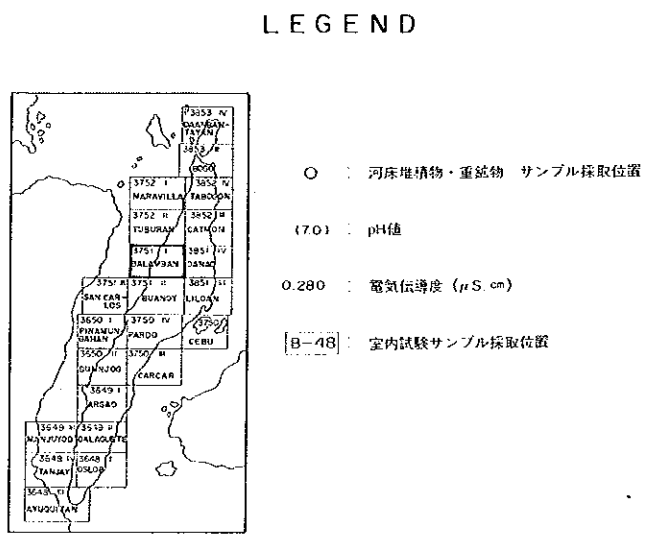
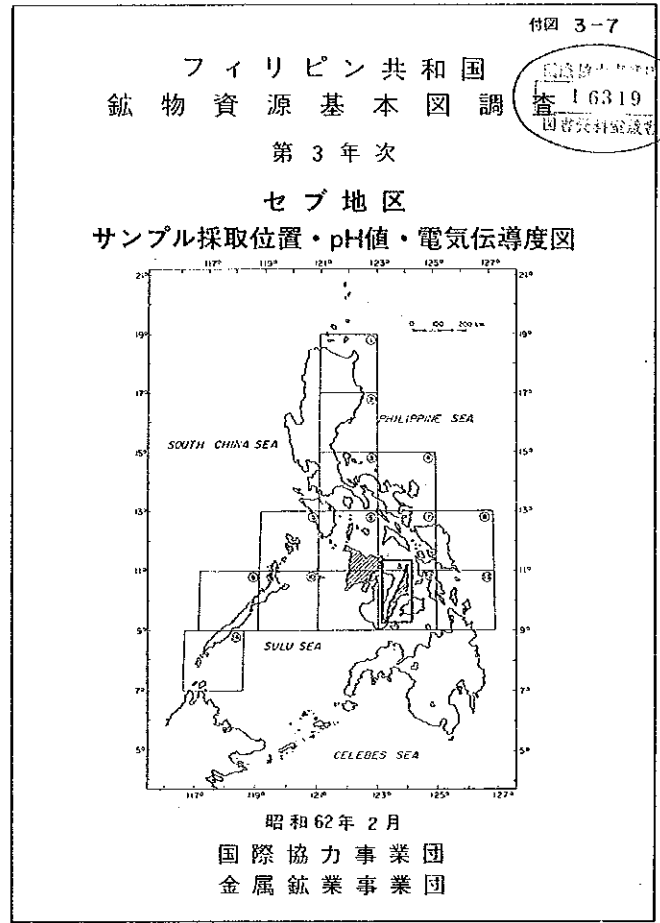
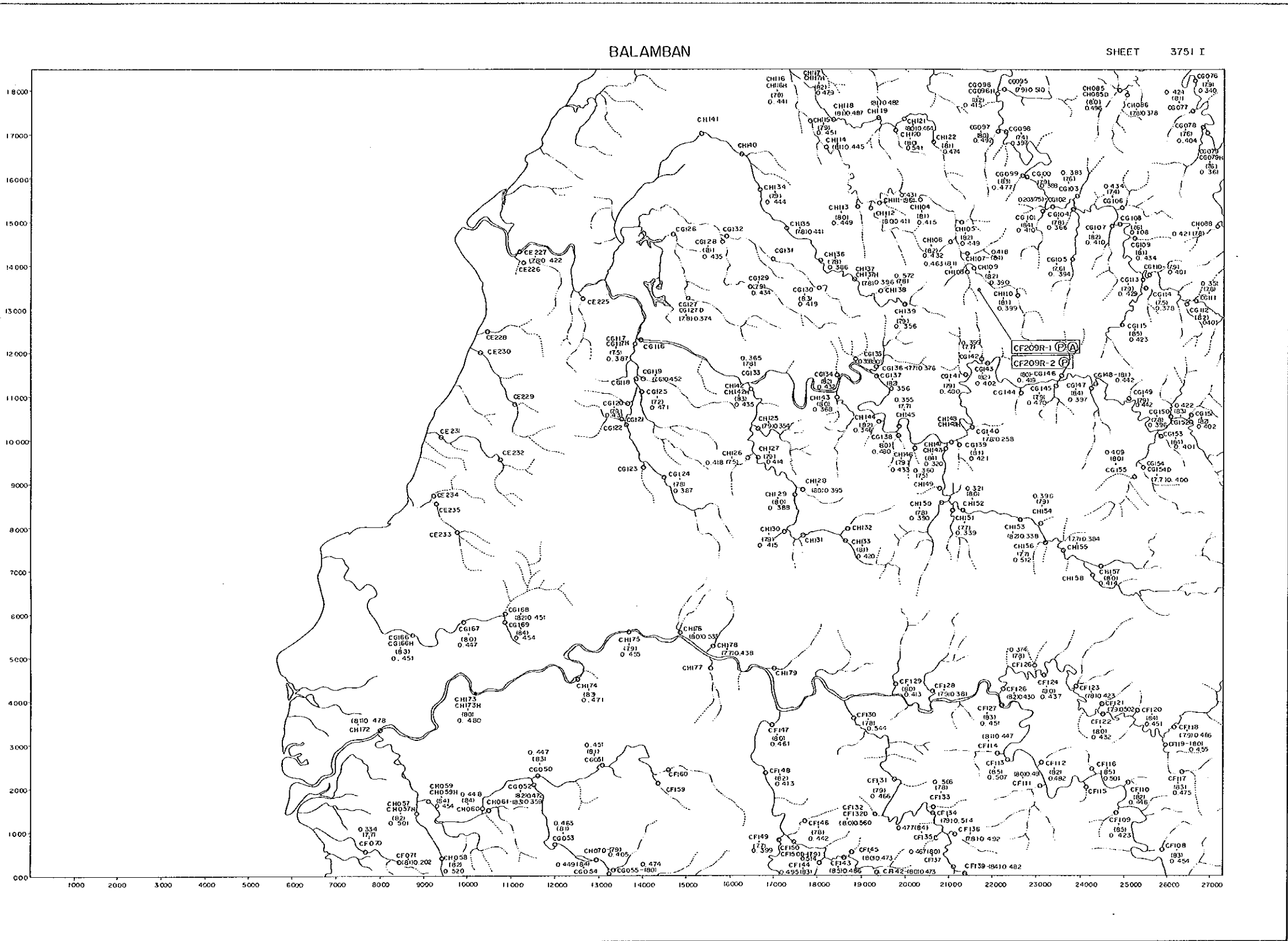
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 金属鉱業事業団

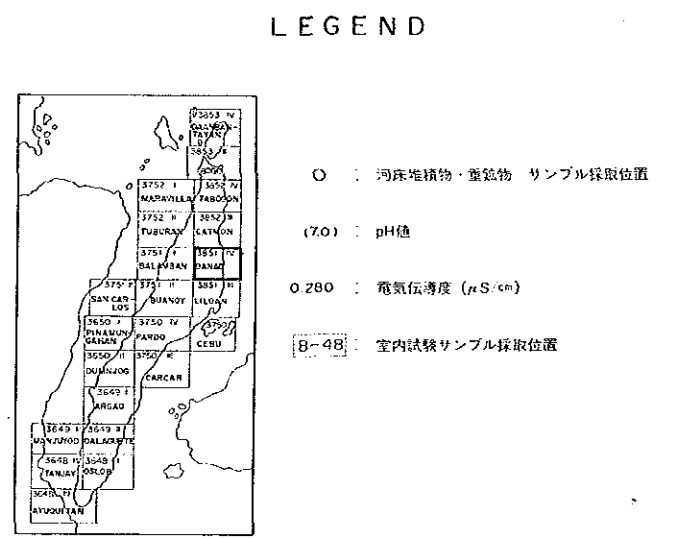
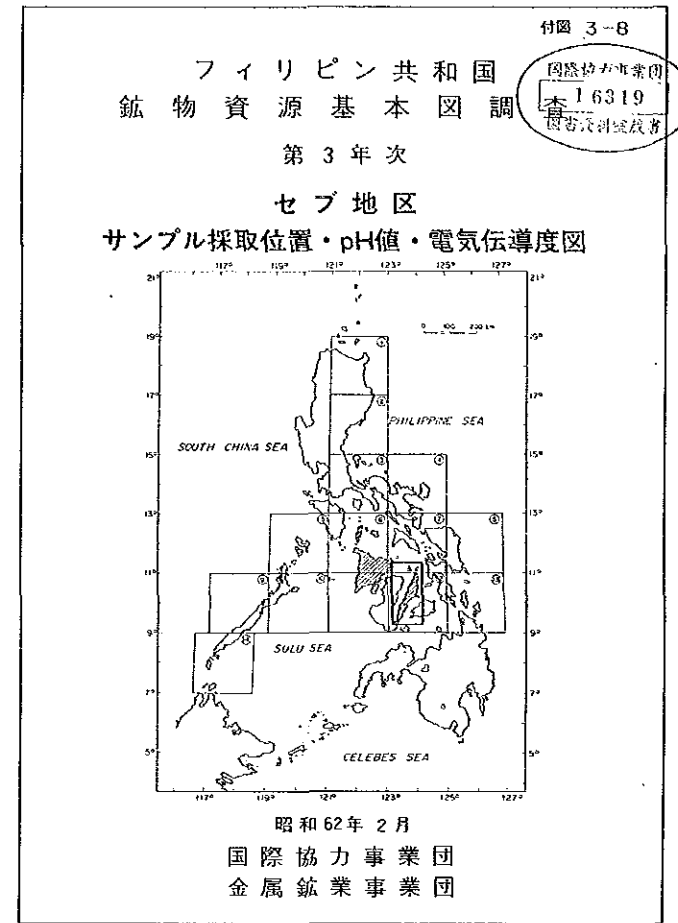
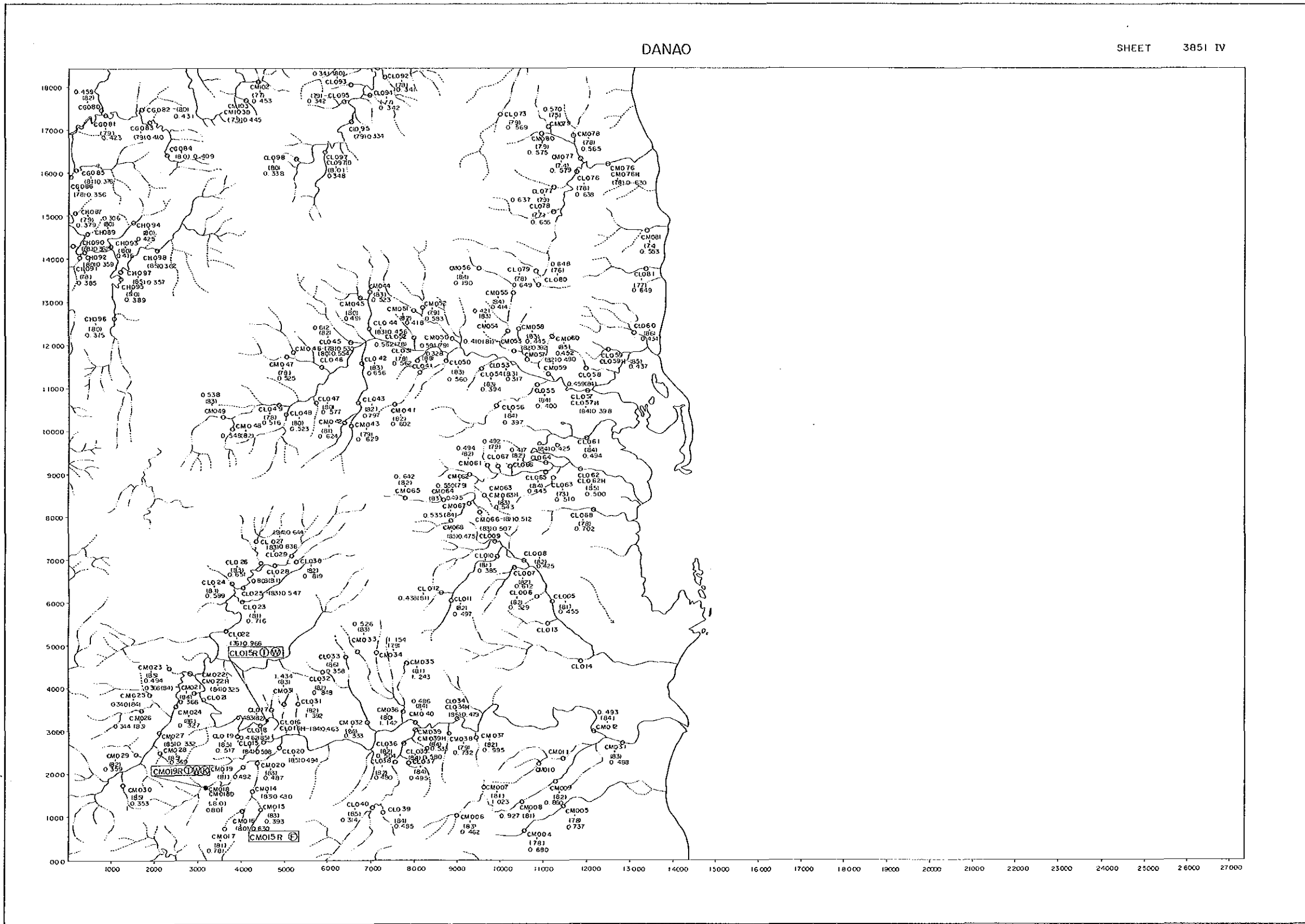
Scale 1 : 50,000

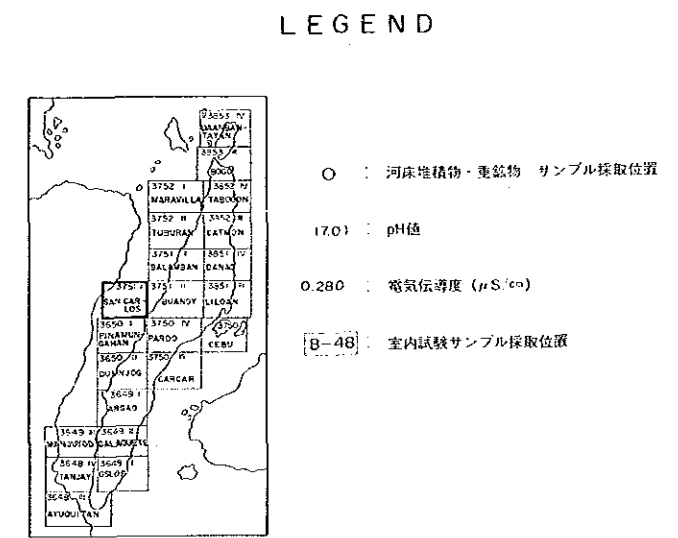
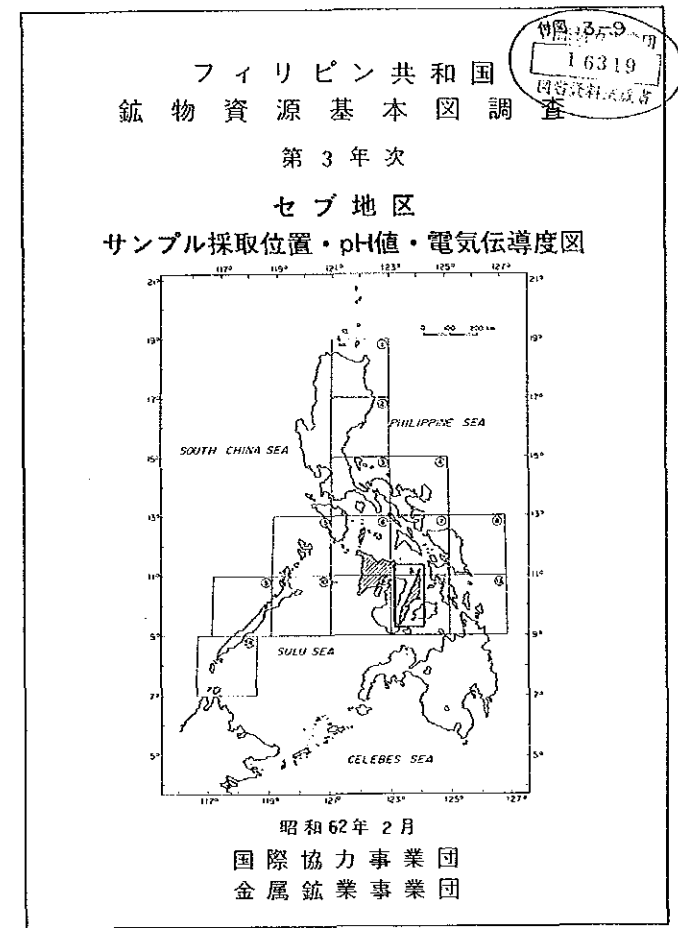
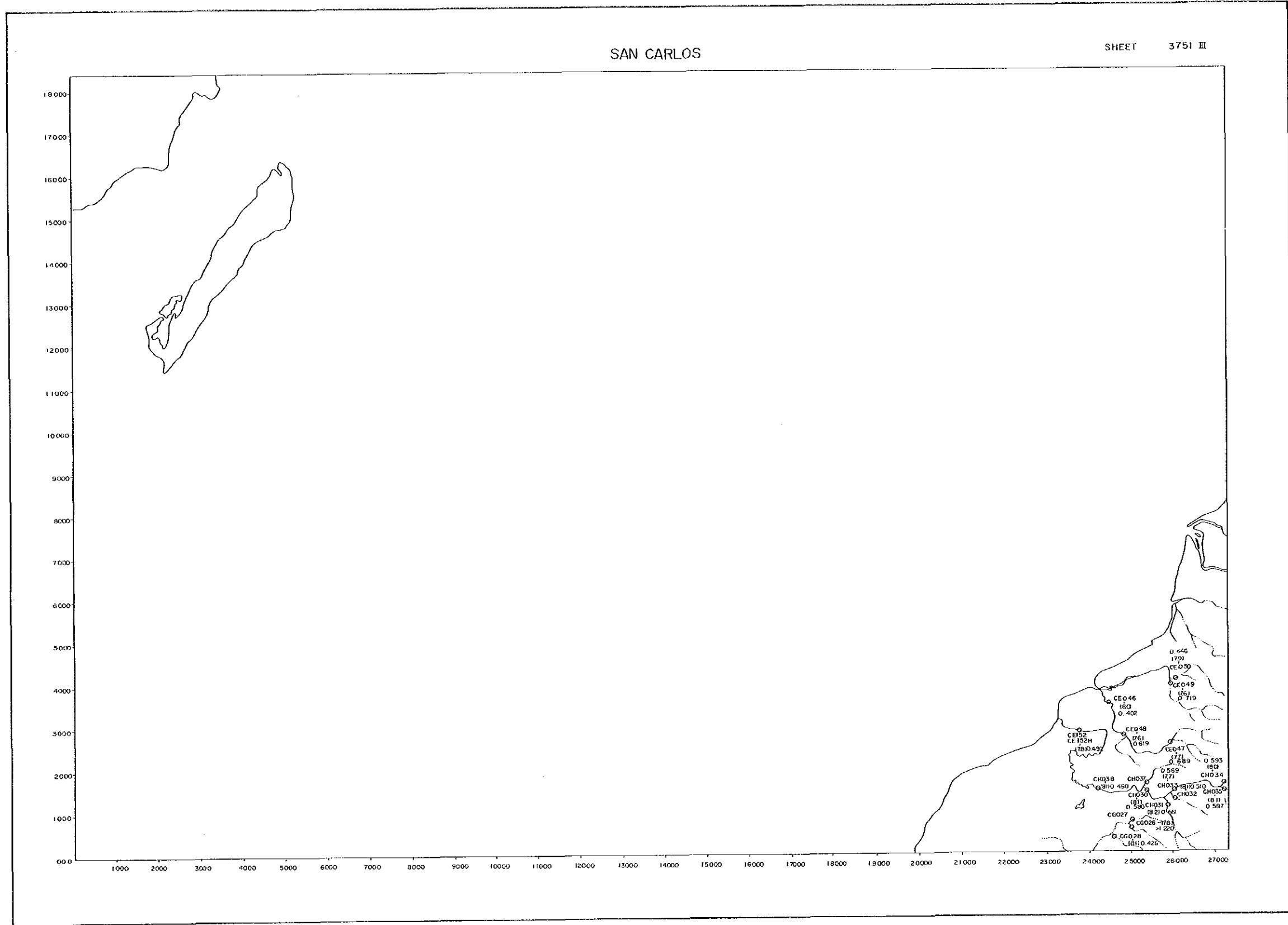
LEGEND



- : 河床堆積物・重鉱物 サンプル採取位置
- (70) : 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

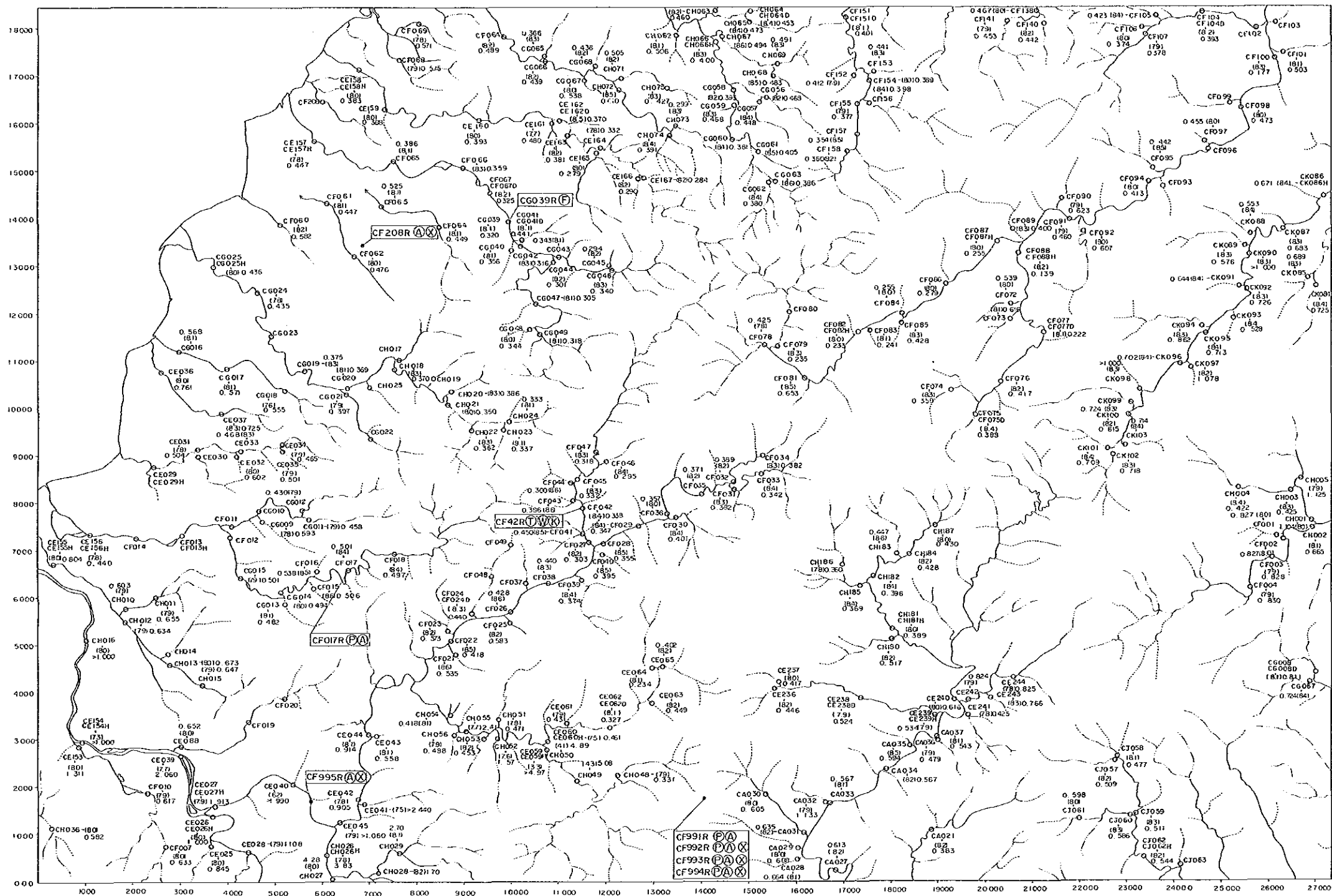






BUANOY

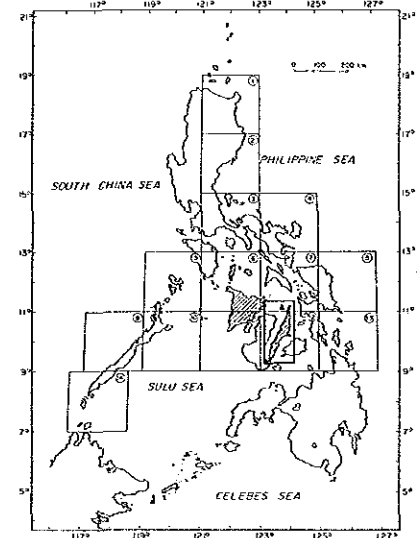
SHEET 3751 II



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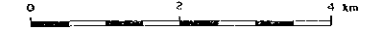
付図-3-10
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サンプル採取位置・pH値・電気伝導度図

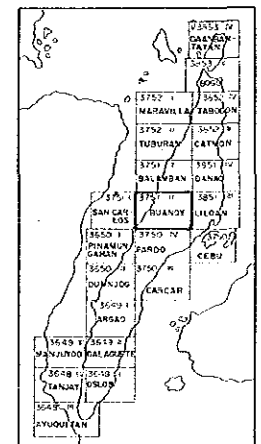


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Scale 1:50,000



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

LILOAN

SHEET 3851 III

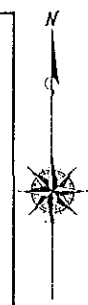
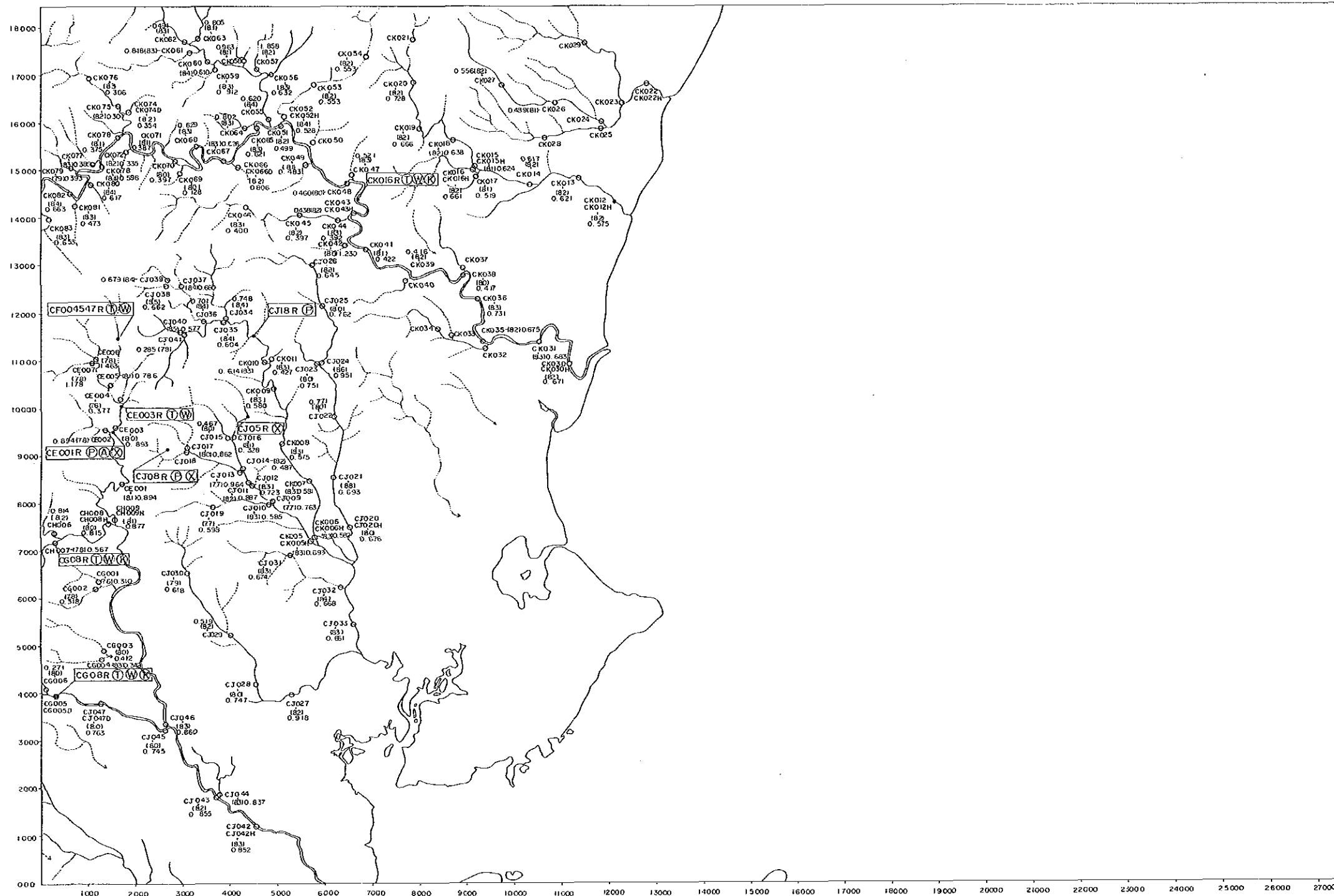
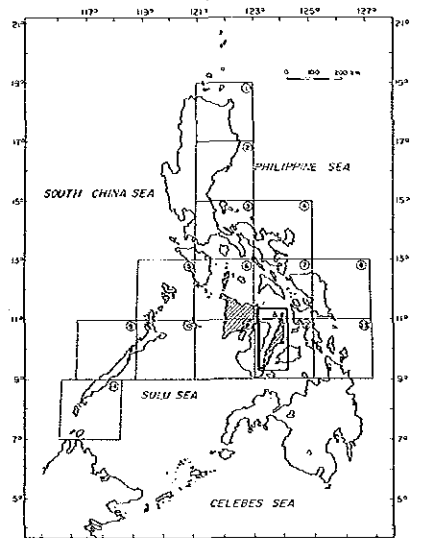


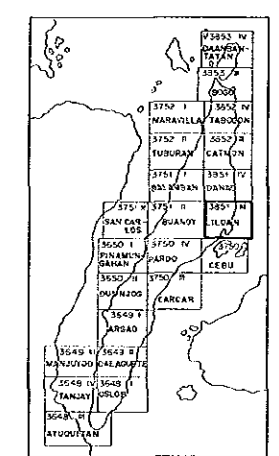
図 3-11
 フィリピン共和国 国勢調査局
 鉱物資源基本図 16319
 調査資料提供
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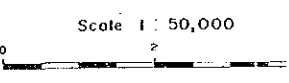
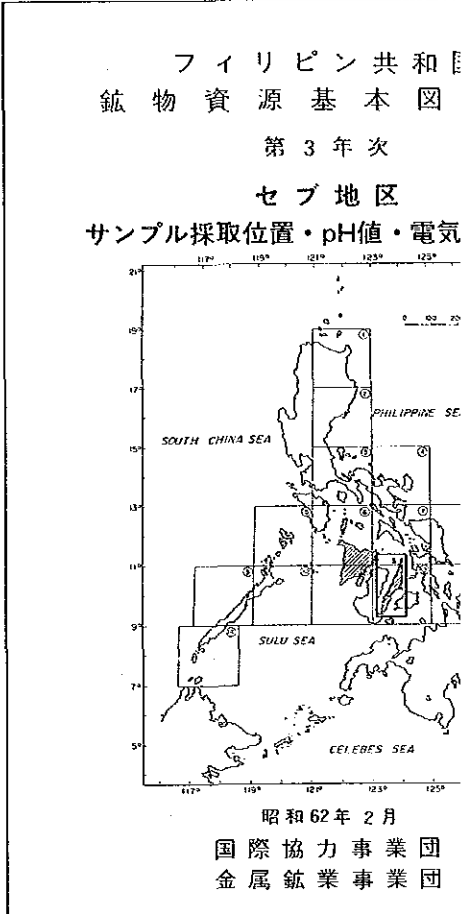
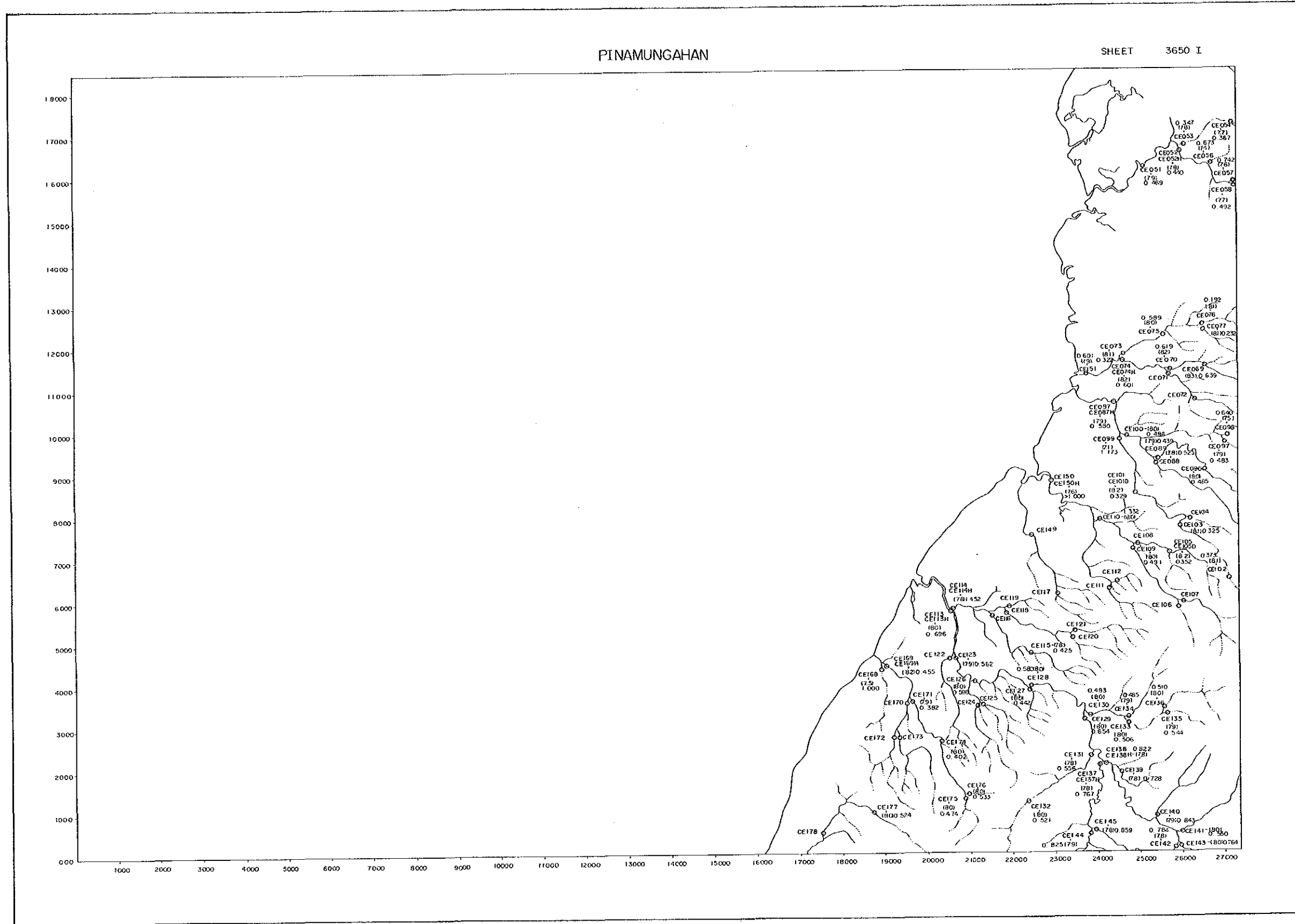
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Scale 1:50,000
 0 2 4 km

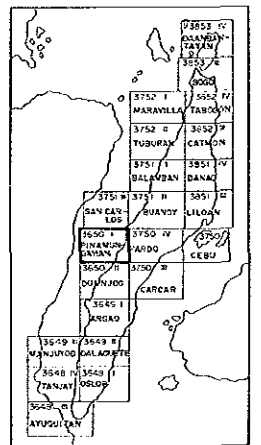
LEGEND



- : 河床堆積物・重鉱物 サンプル採取位置
- (70) : 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
- 17.0 : pH値
- 0.280 : 電気伝導度
- [B-43] : 室内試験サン

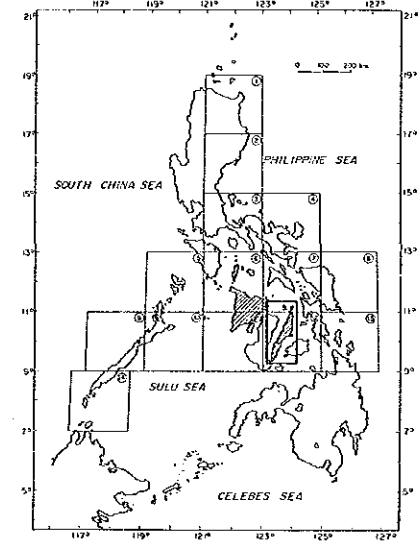
PINAMUNGAHAN

SHEET 3650 I



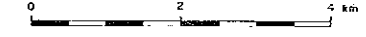
付図 3-12
 フィリピン共和国
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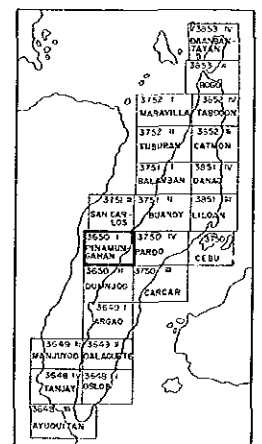


昭和62年2月
 国際協力事業団
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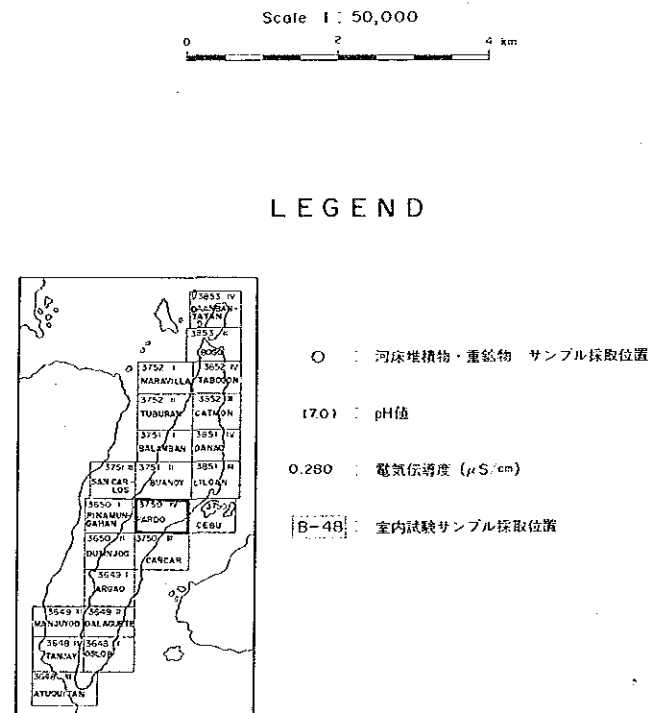
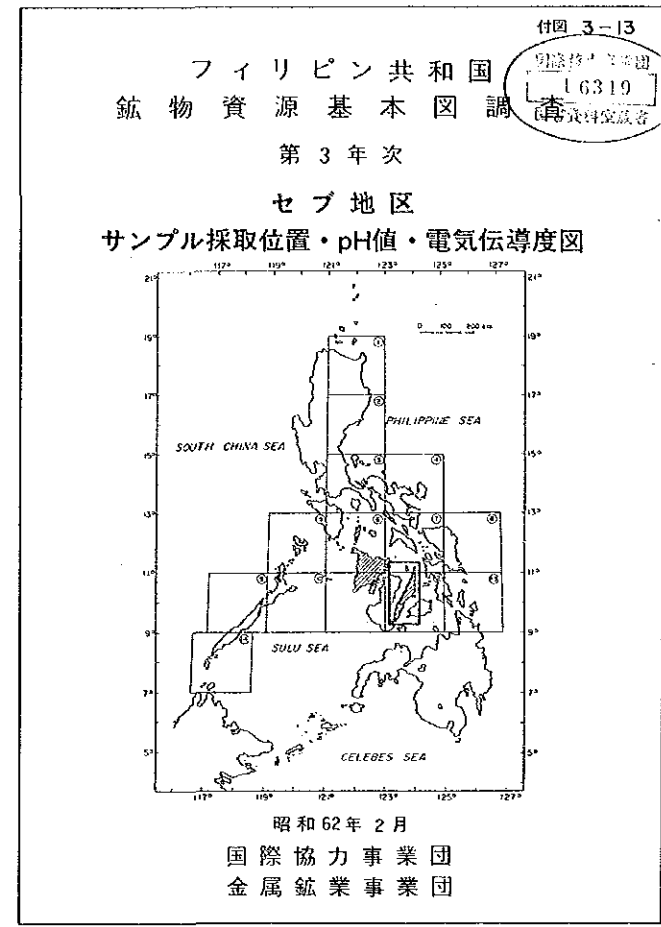
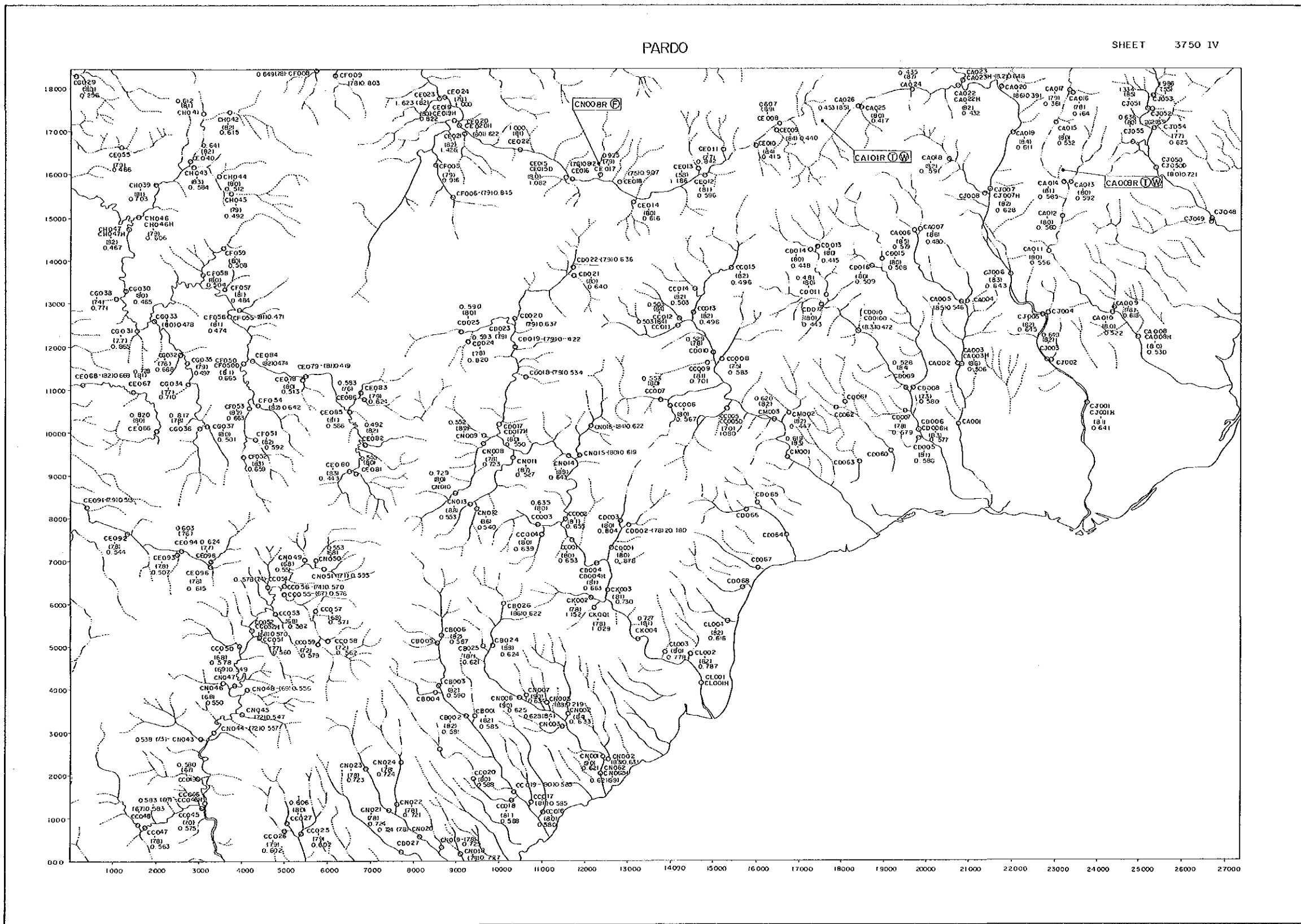
Scale 1 : 50,000

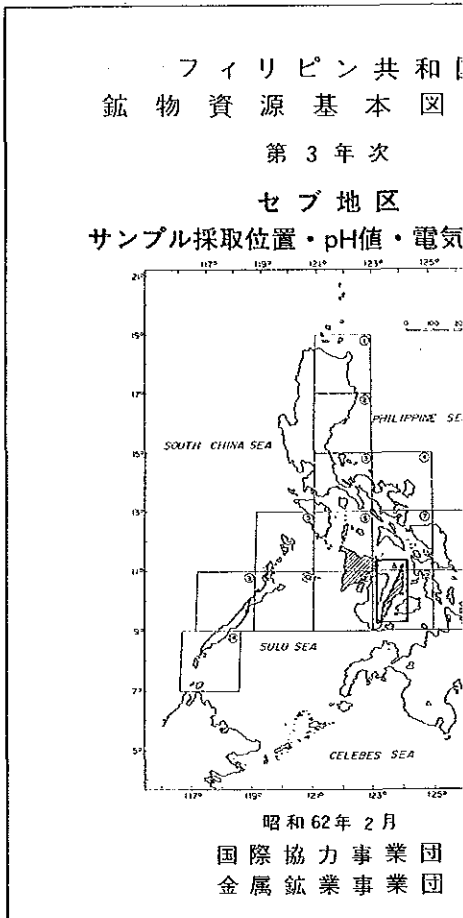
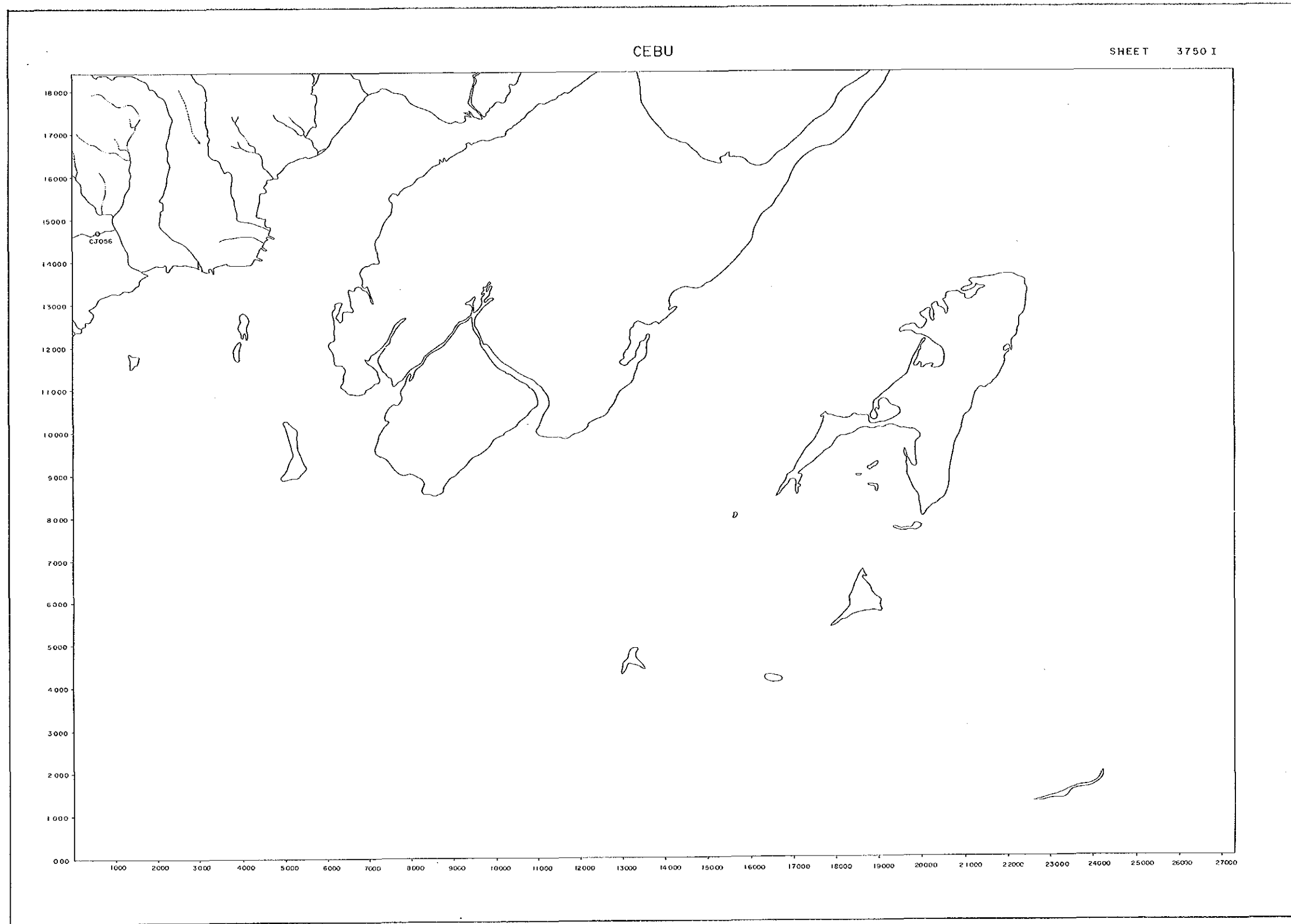


LEGEND



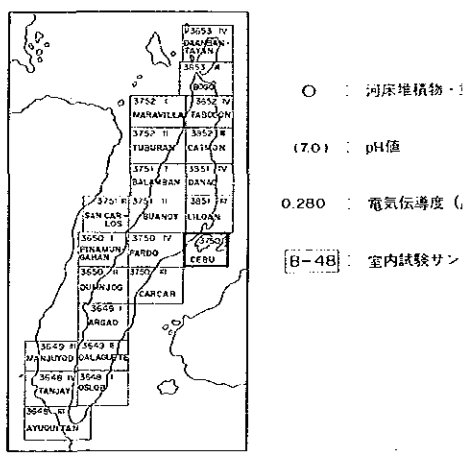
- : 河床堆積物・重鉱物 サンプル採取位置
- (7.0) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置





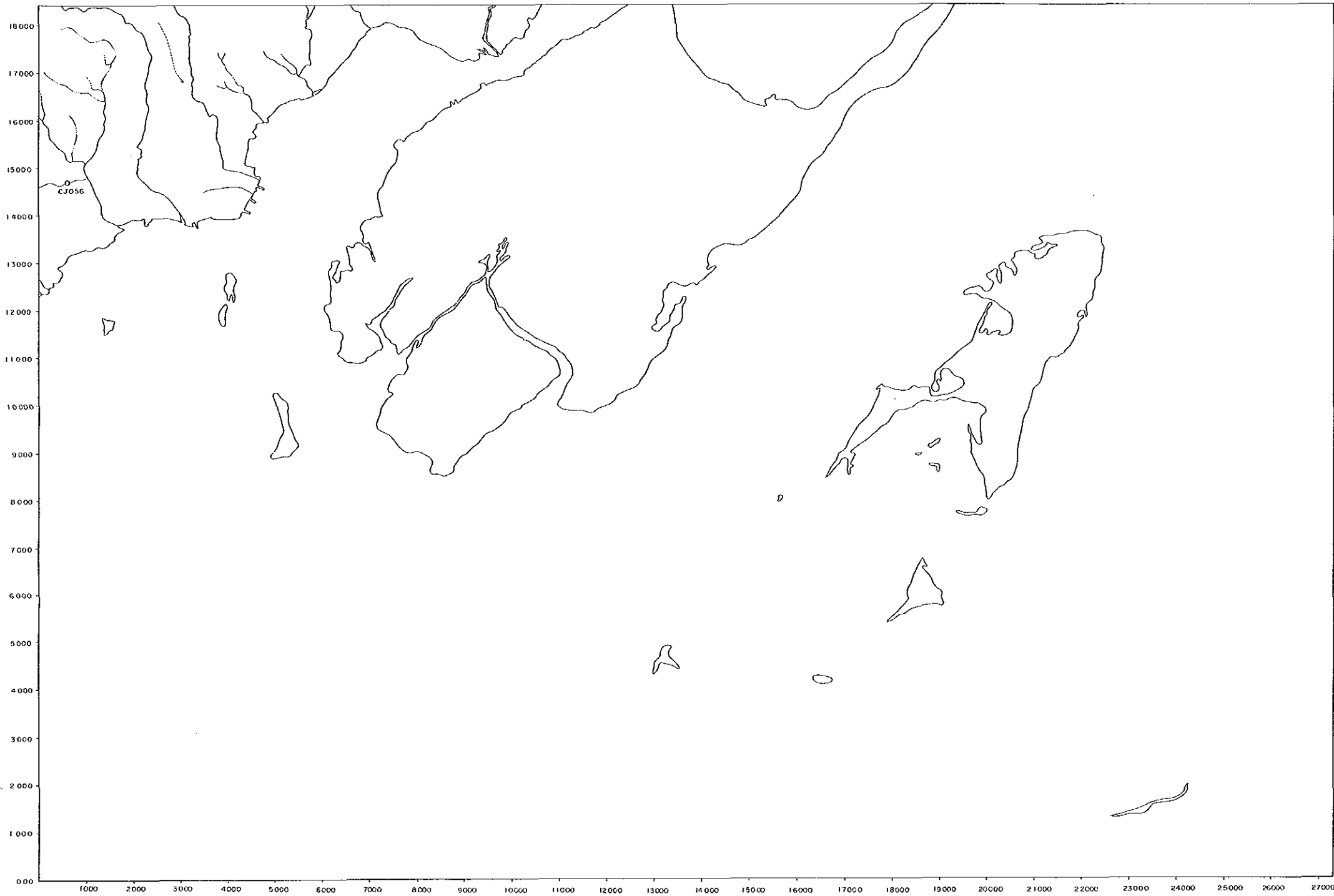
Scale 1 : 50,000

LEGEND



CEBU

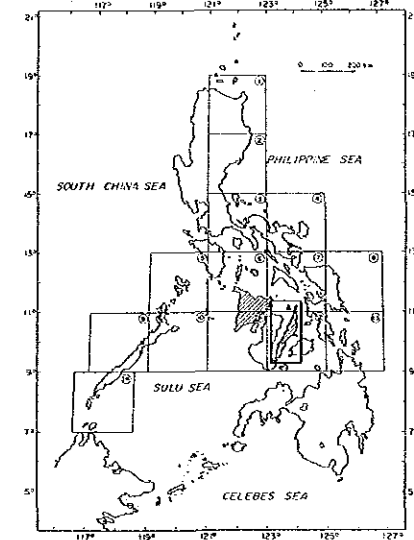
SHEET 3750 I



フィリピン共和国
 鉱物資源基本図調

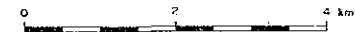
付図 3-14
 16319
 調査年度

第3年次
 セブ地区
 サンプル採取位置・pH値・電気伝導度図

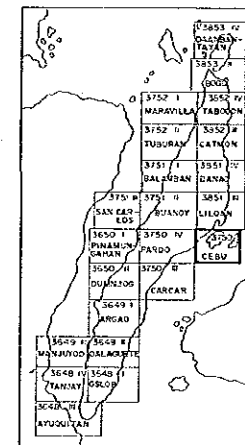


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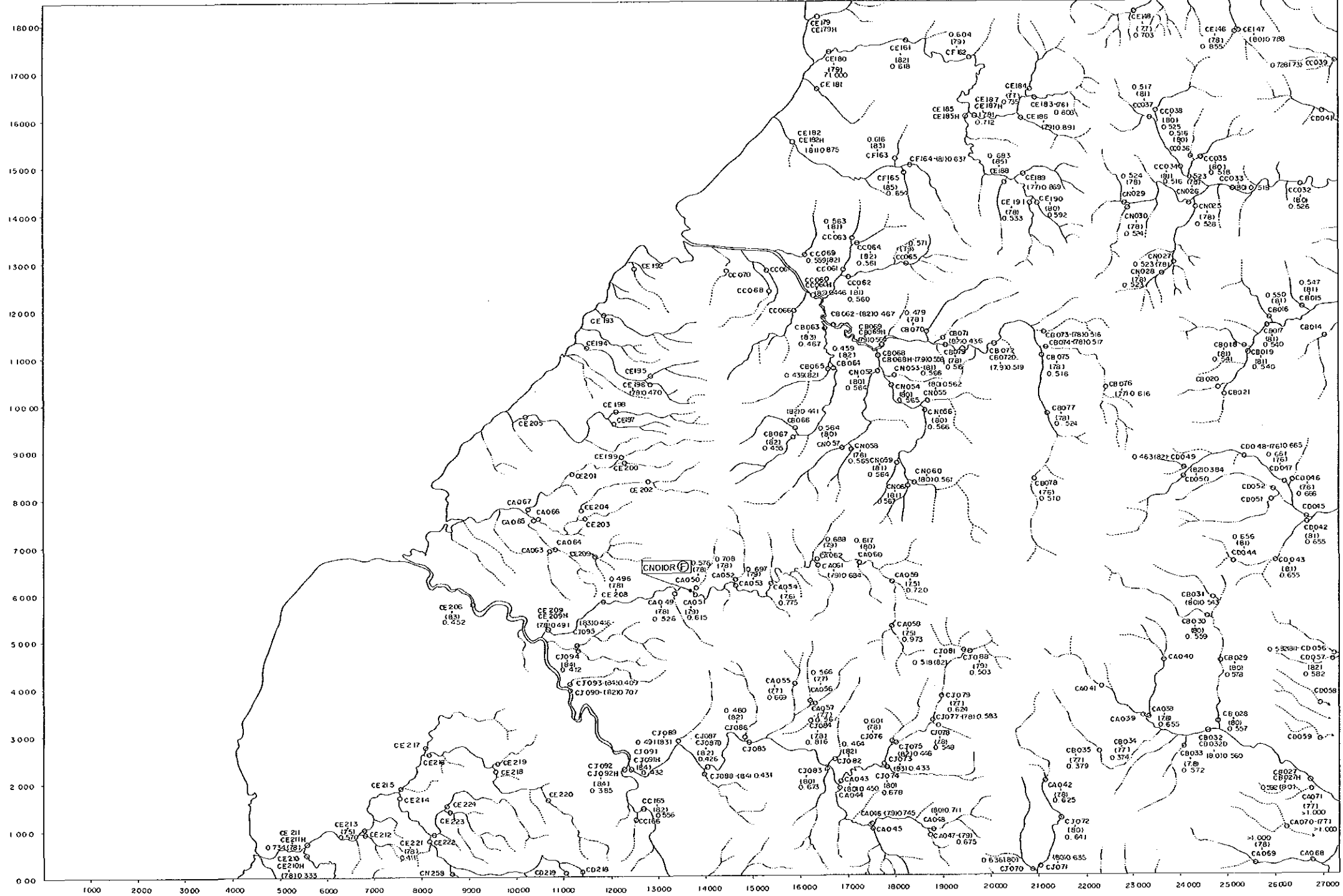
Scale 1 : 50,000



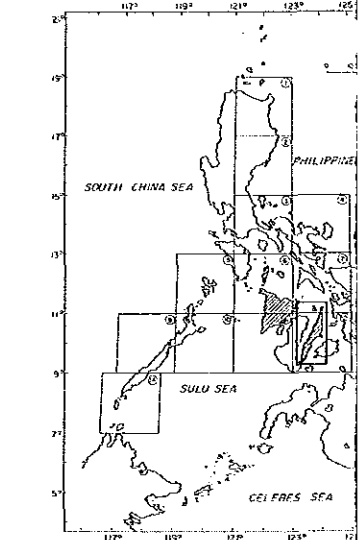
LEGEND



- : 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-46] : 室内試験サンプル採取位置



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 サンプル採取位置・pH値・電

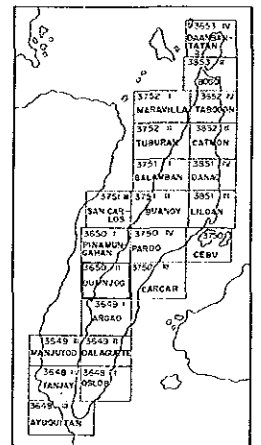


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Scale 1 : 50,000

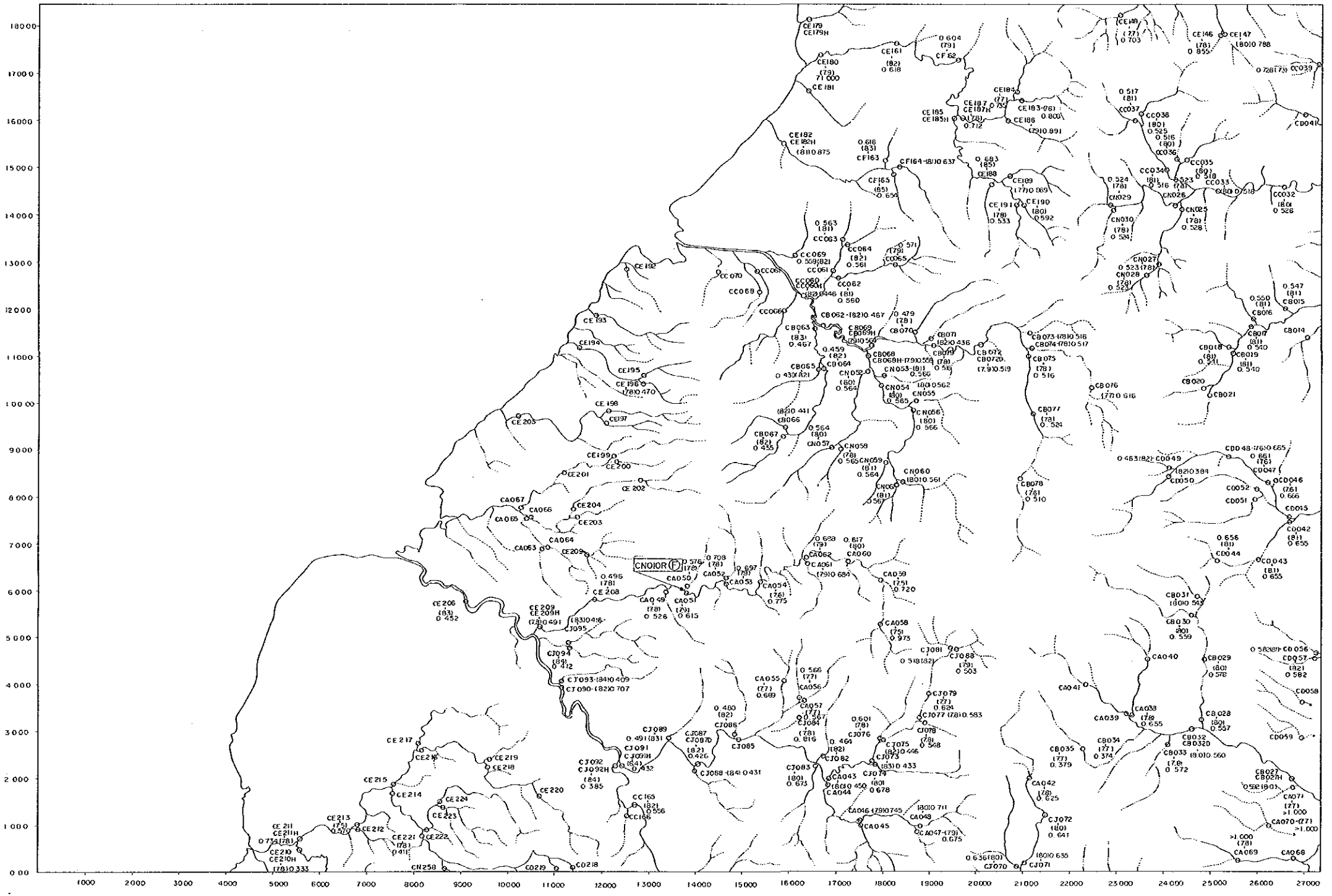
LEGEND

- : 河床堆積物
- (70) : pH値
- 0.280 : 電気伝導率
- 48 : 室内試験



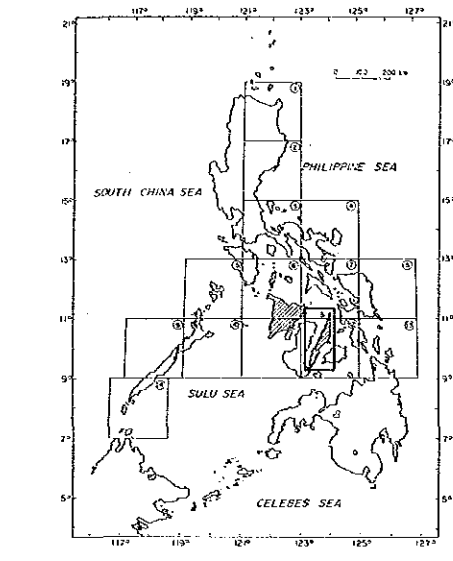
DUMNJOG

SHEET 3650 II



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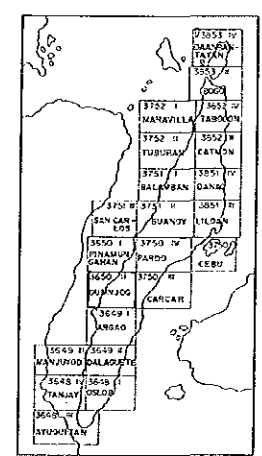


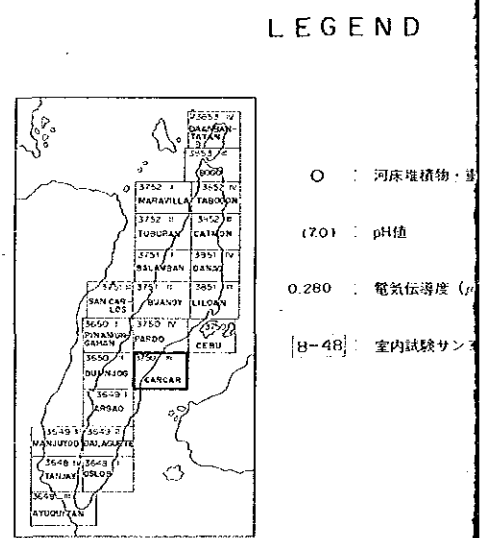
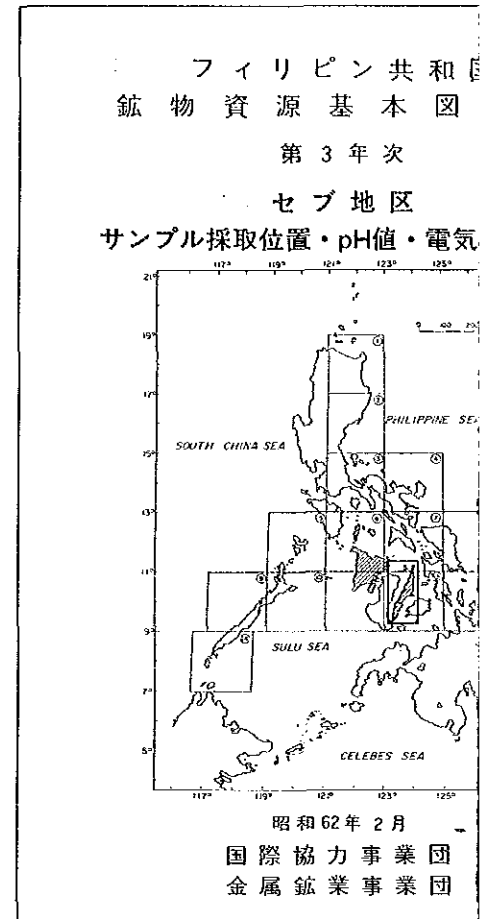
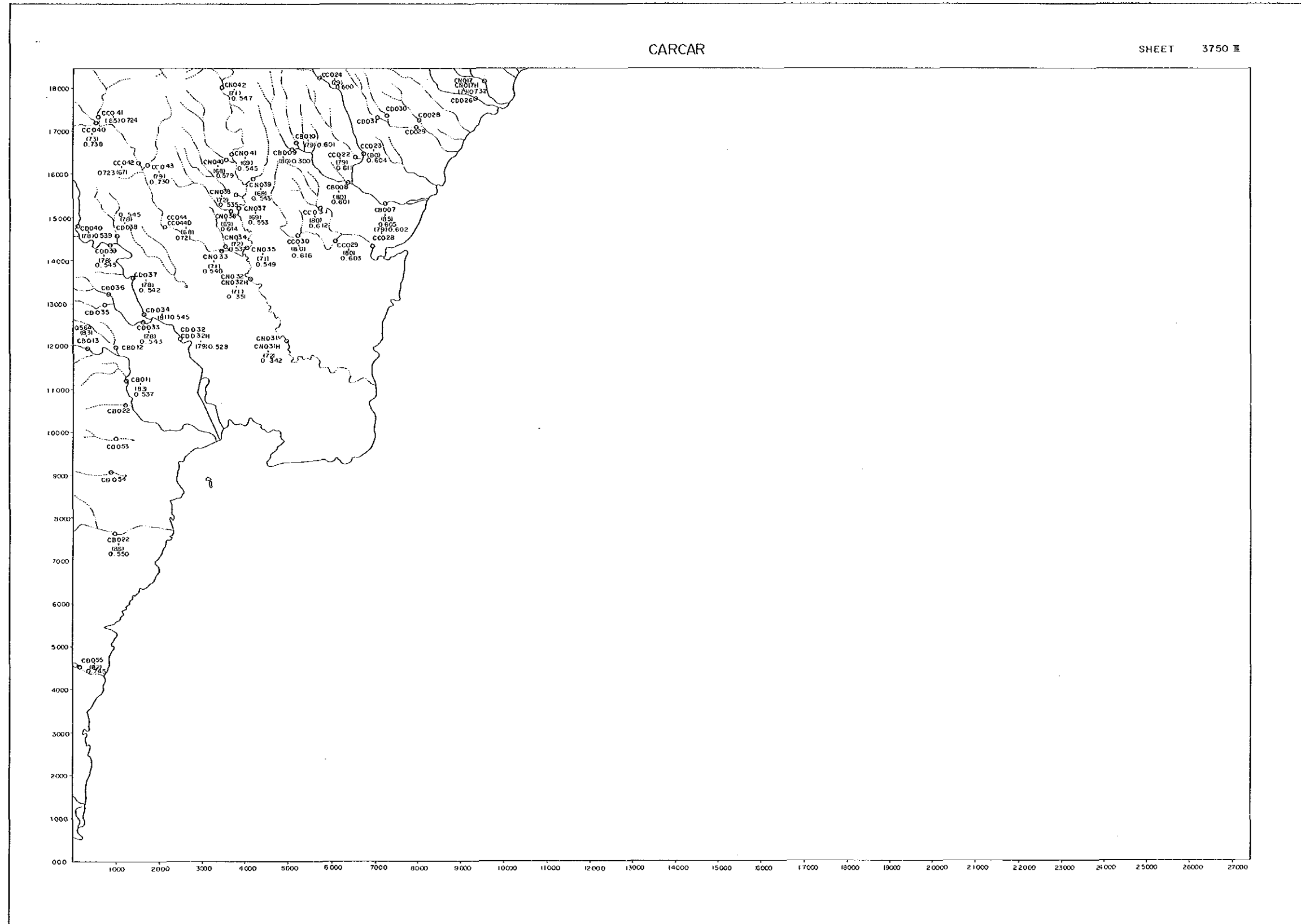
昭和62年2月
 国際協力事業団
 金属鉱業事業団

Scale 1:50,000
 0 2 4 km

LEGEND

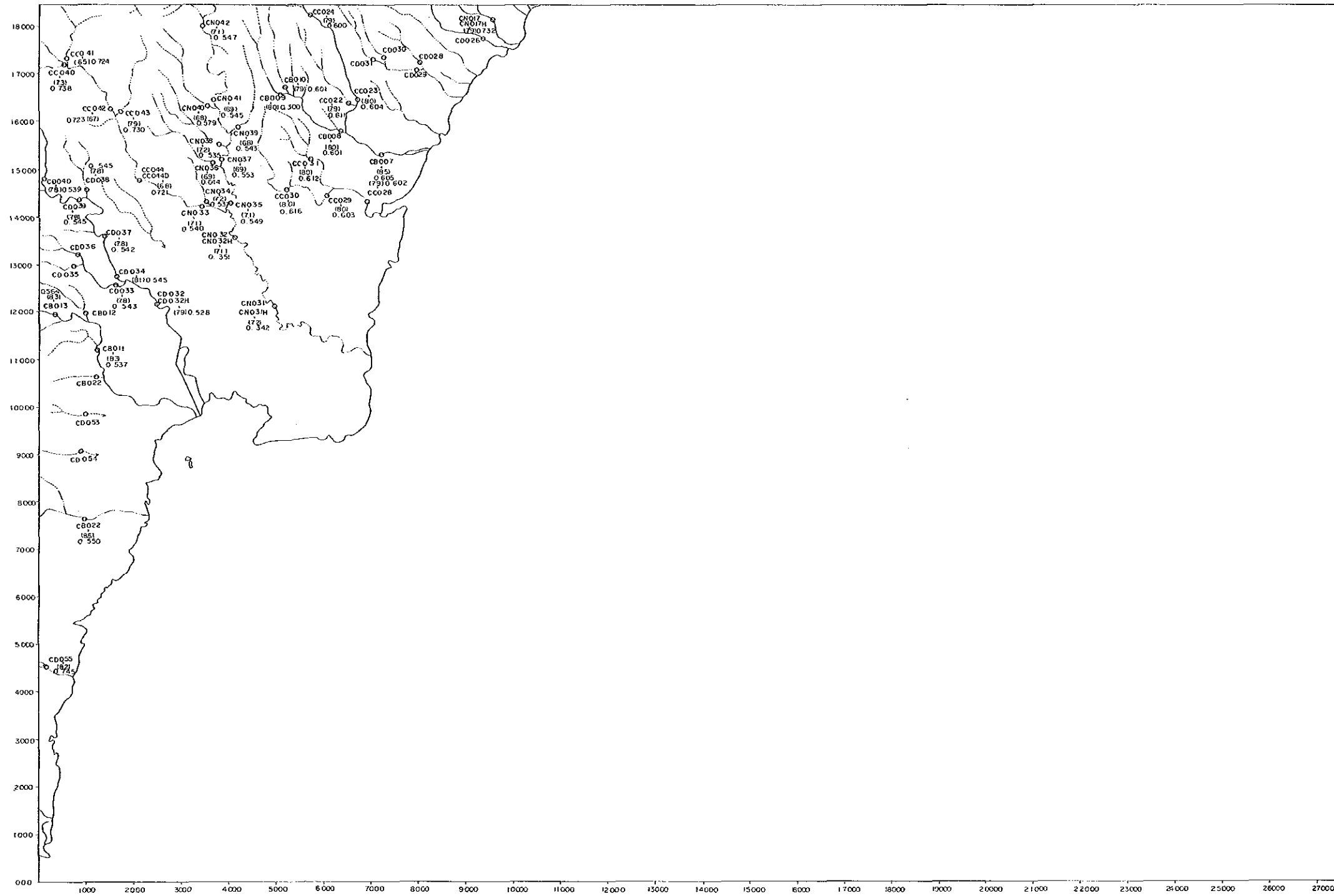
- : 河床堆積物・重鉱物 サンプル採取位置
- (70) : pH値
- 0.280 : 電気伝導度 (μS/cm)
- [B-48] : 室内試験サンプル採取位置





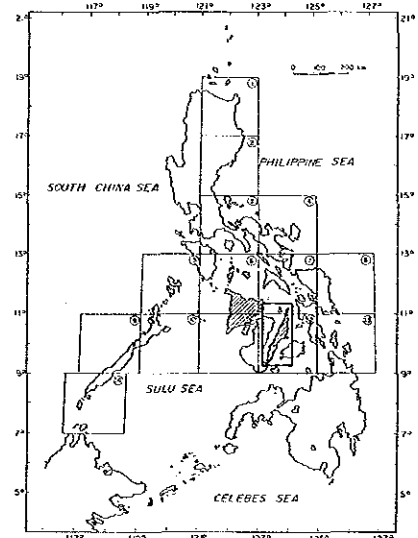
CARCAR

SHEET 3750 II



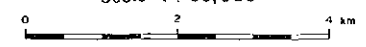
付図 3-16
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 サンプル採取位置・pH値・電気伝導度図

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 調査資料交換書

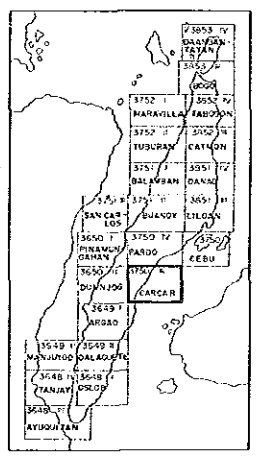


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 国際協力事業団
 金属鉱業事業団

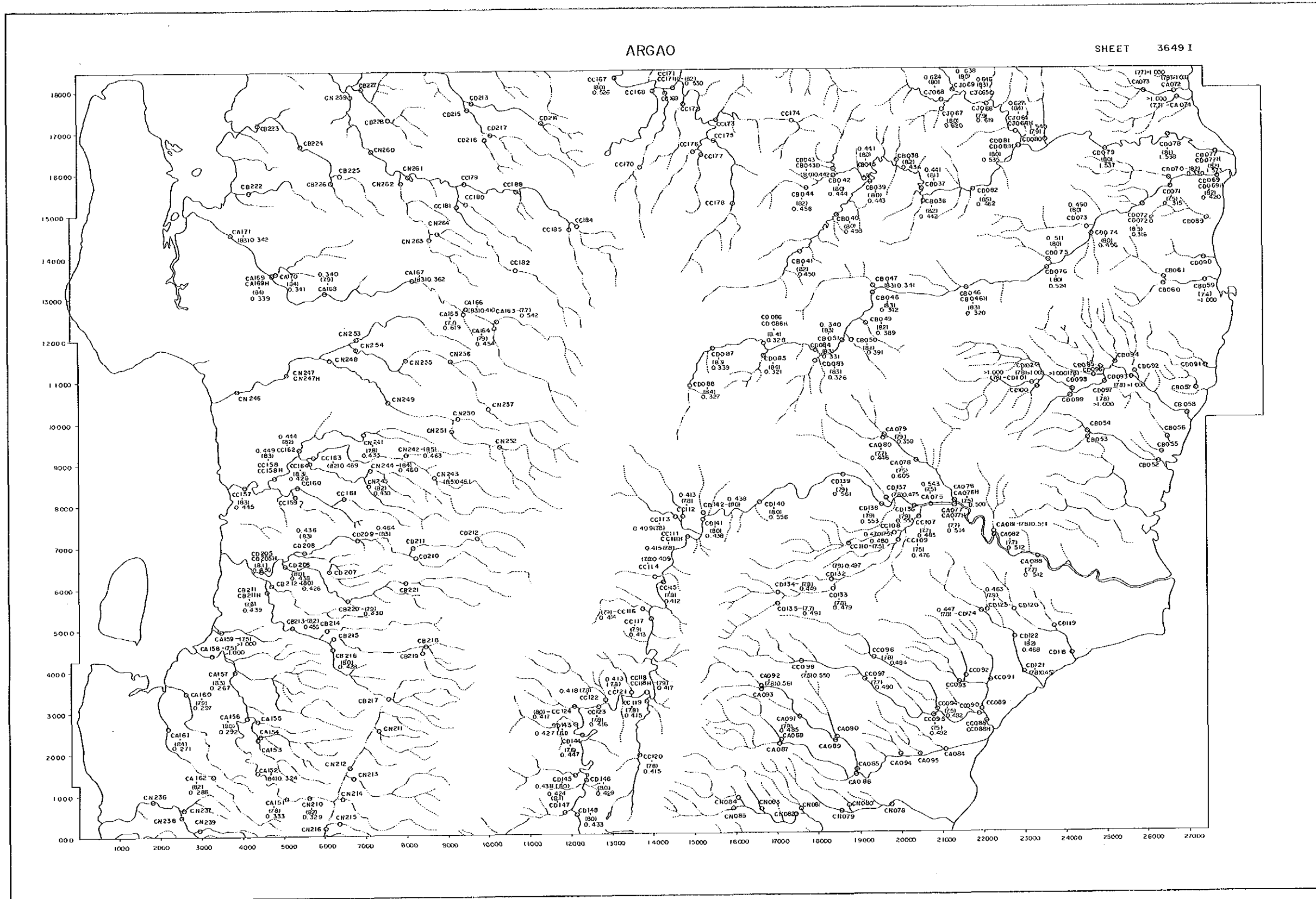
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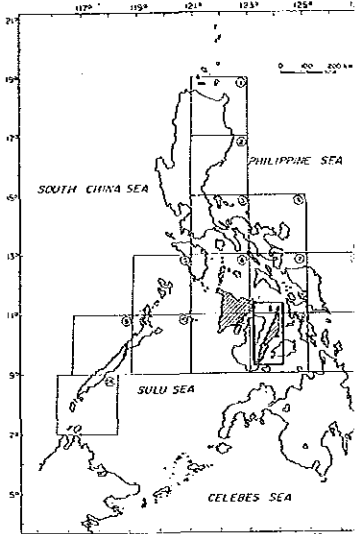
LEGEND



- O : 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



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 鉱物資源基本図
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 サンプル採取位置・pH値・電気伝

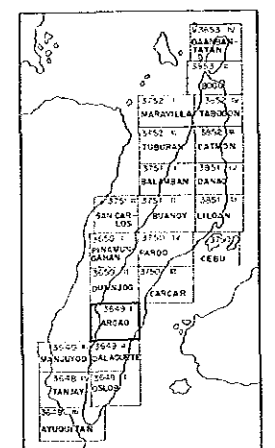


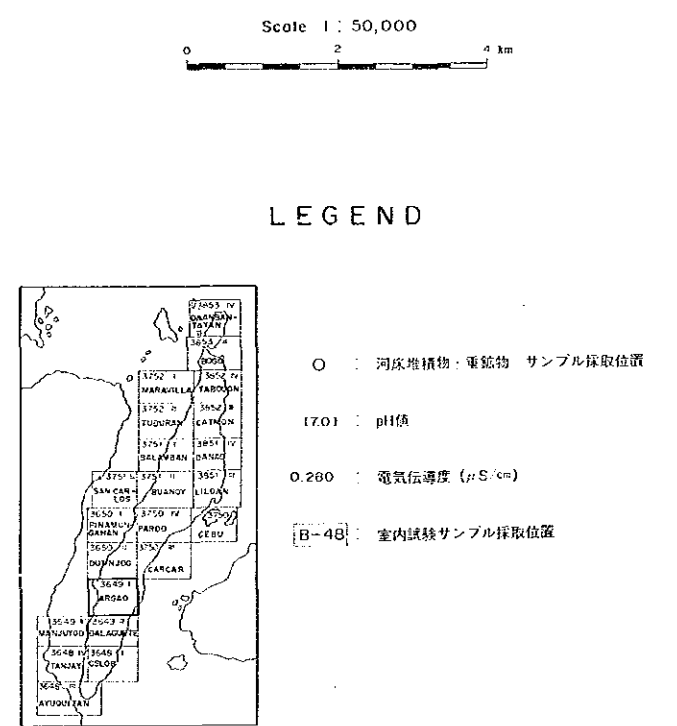
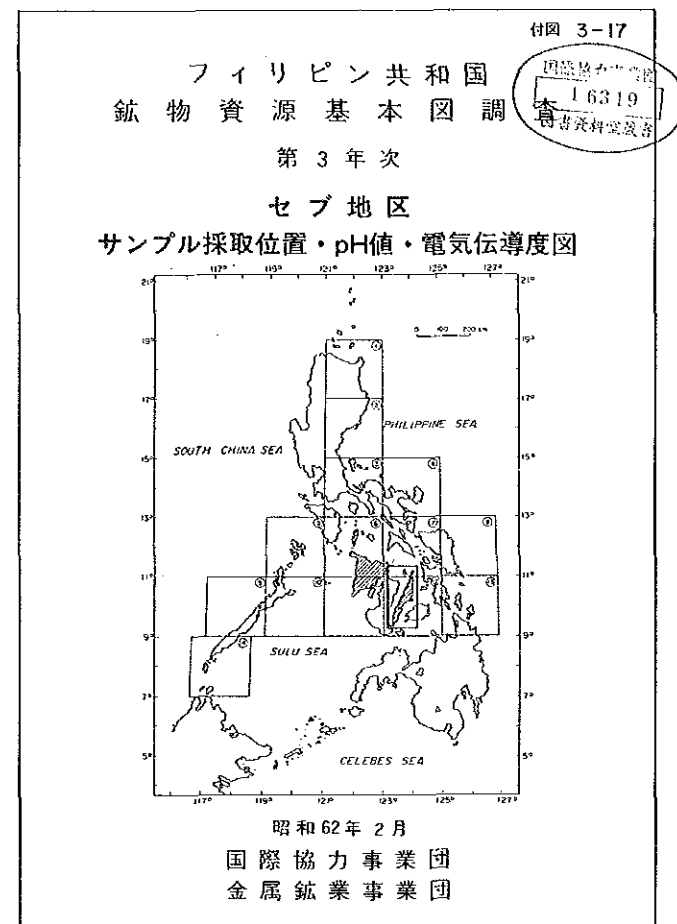
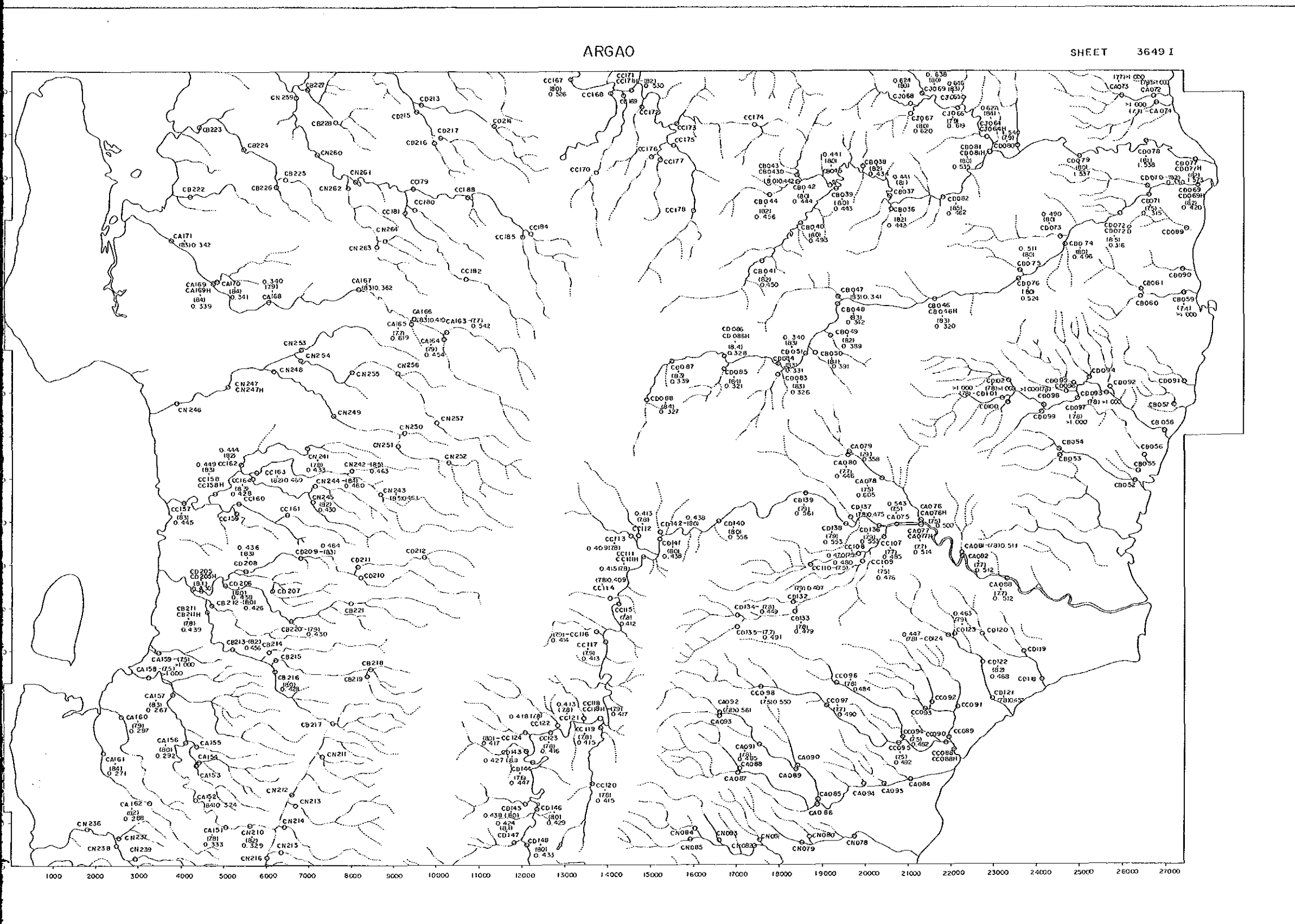
昭和62年2月
 国際協力事業団
 金属鉱業事業団

Scale 1:50,000

LEGEND

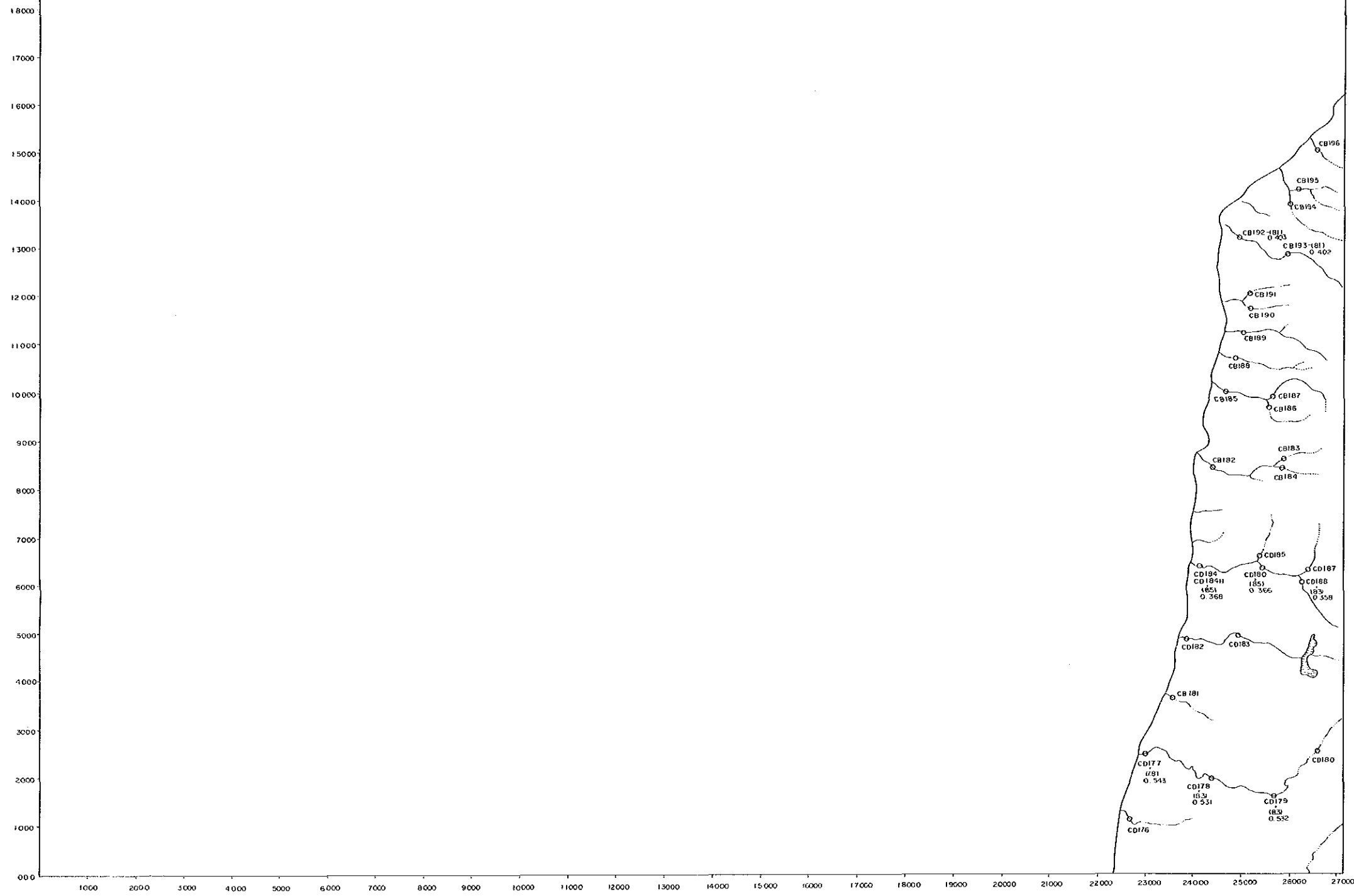
- : 河床堆積物・重
- (7.0) : pH値
- 0.280 : 電気伝導度 (μ)
- [B-40] : 室内試験サンプル





MANJUYOD

SHEET 3649 III



付図 3-18

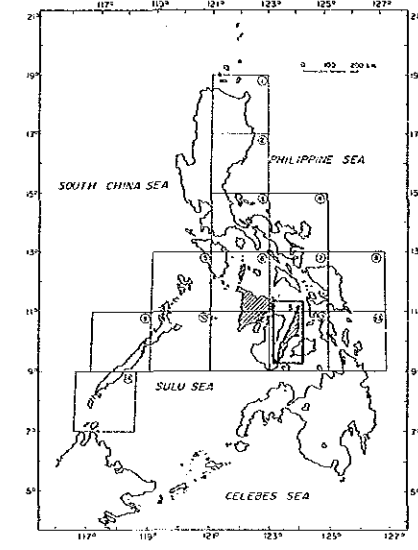
フィリピン共和国
鉱物資源基本図

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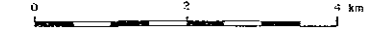
セブ地区

サンプル採取位置・pH値・電気伝導度図

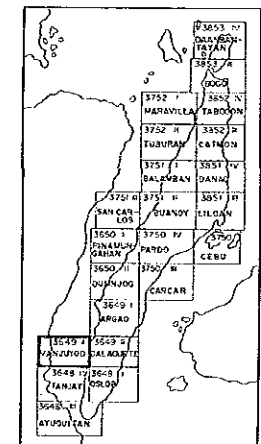


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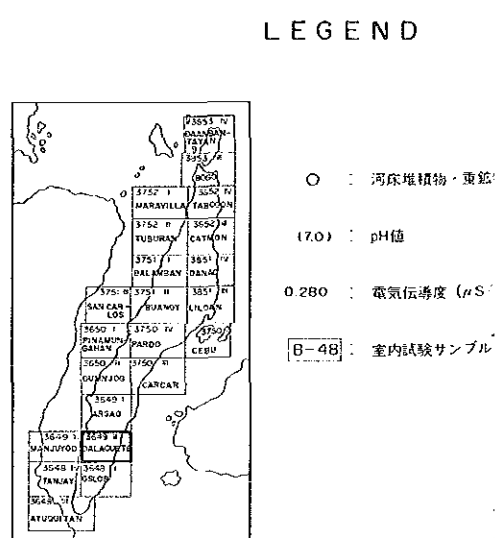
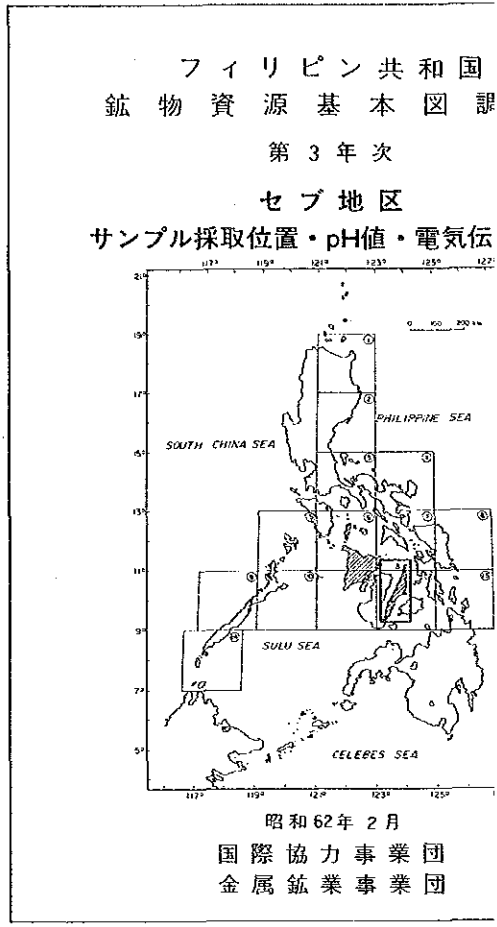
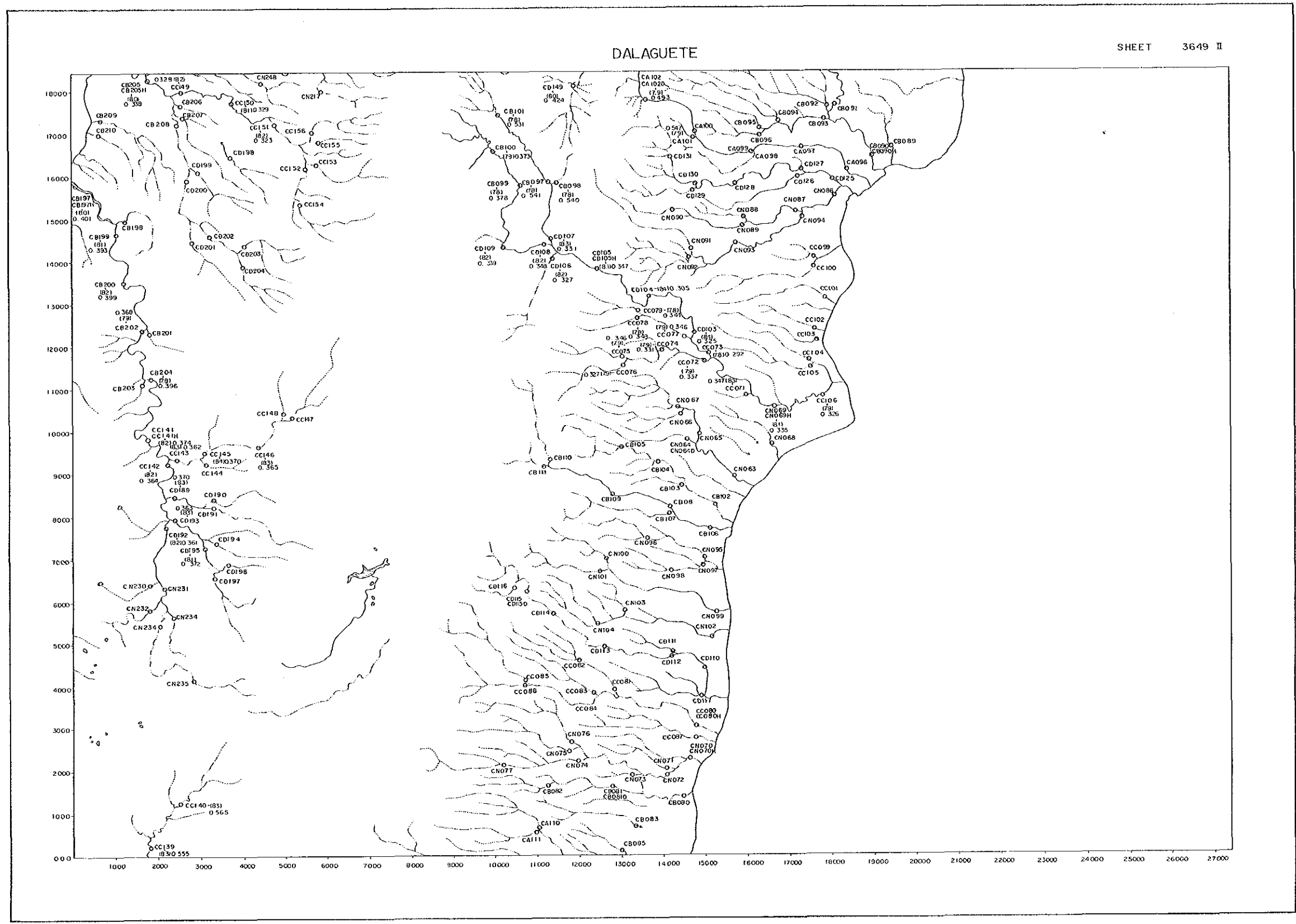
Scale 1:50,000

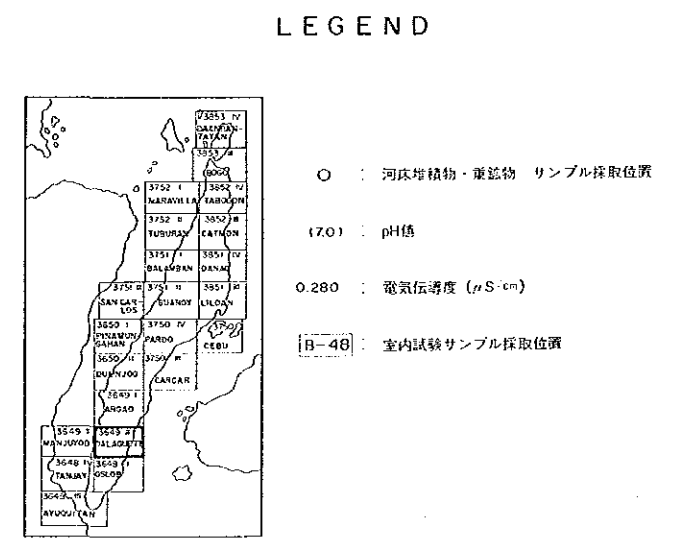
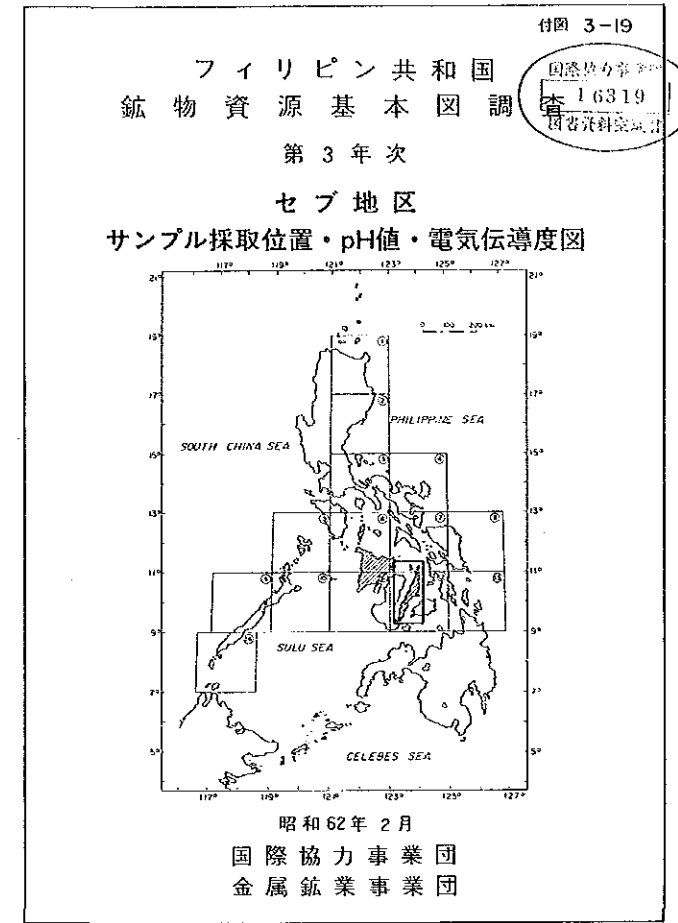
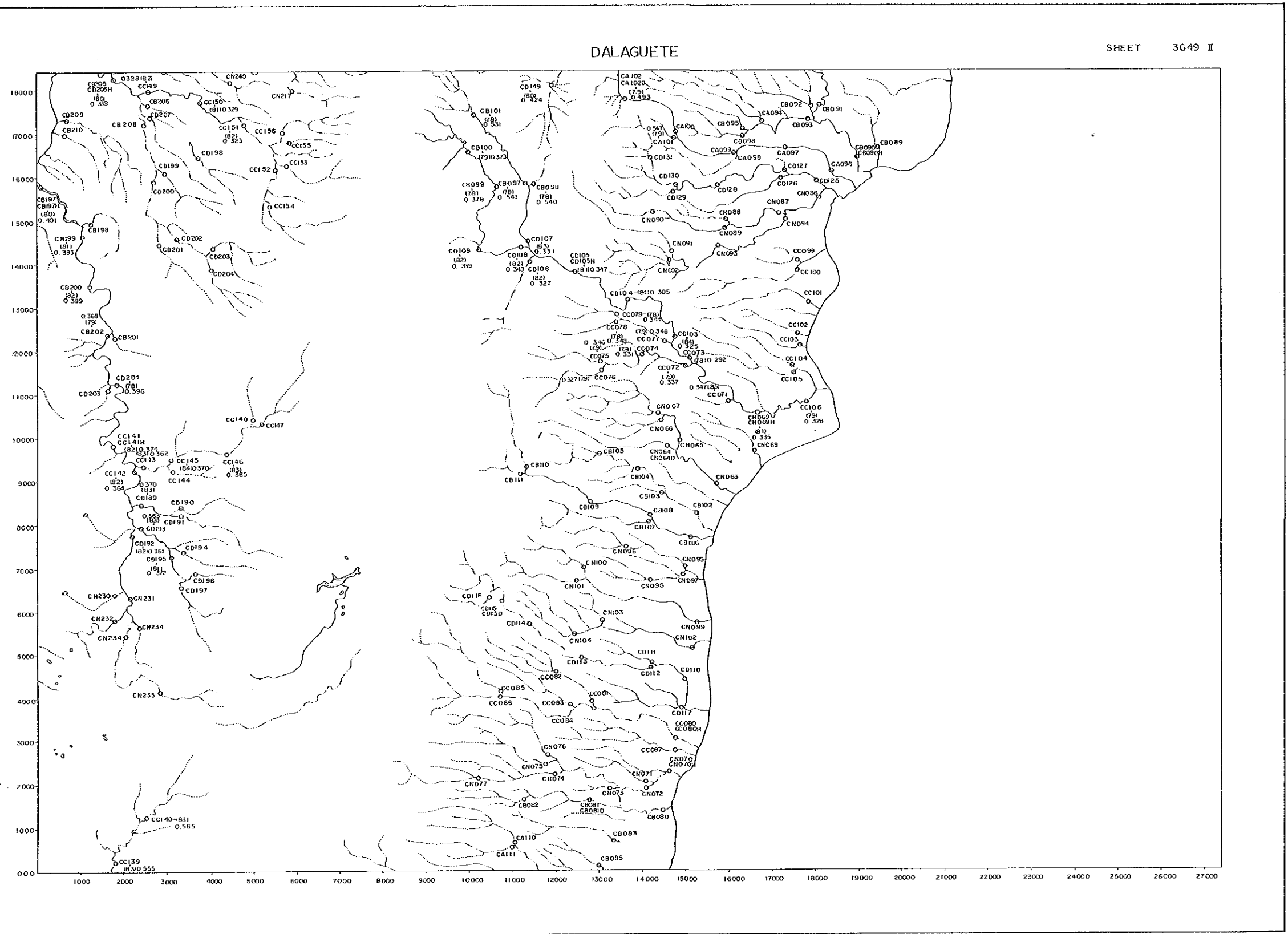


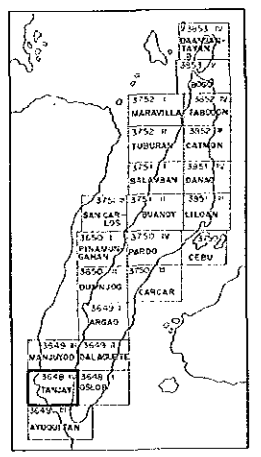
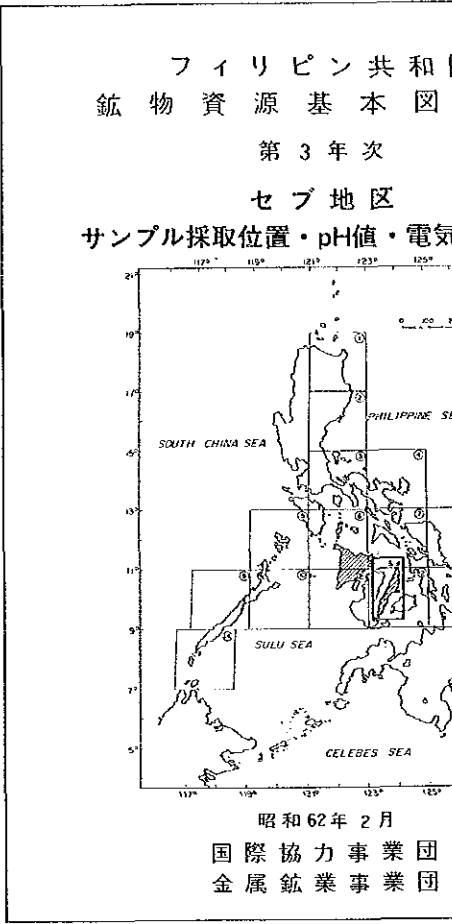
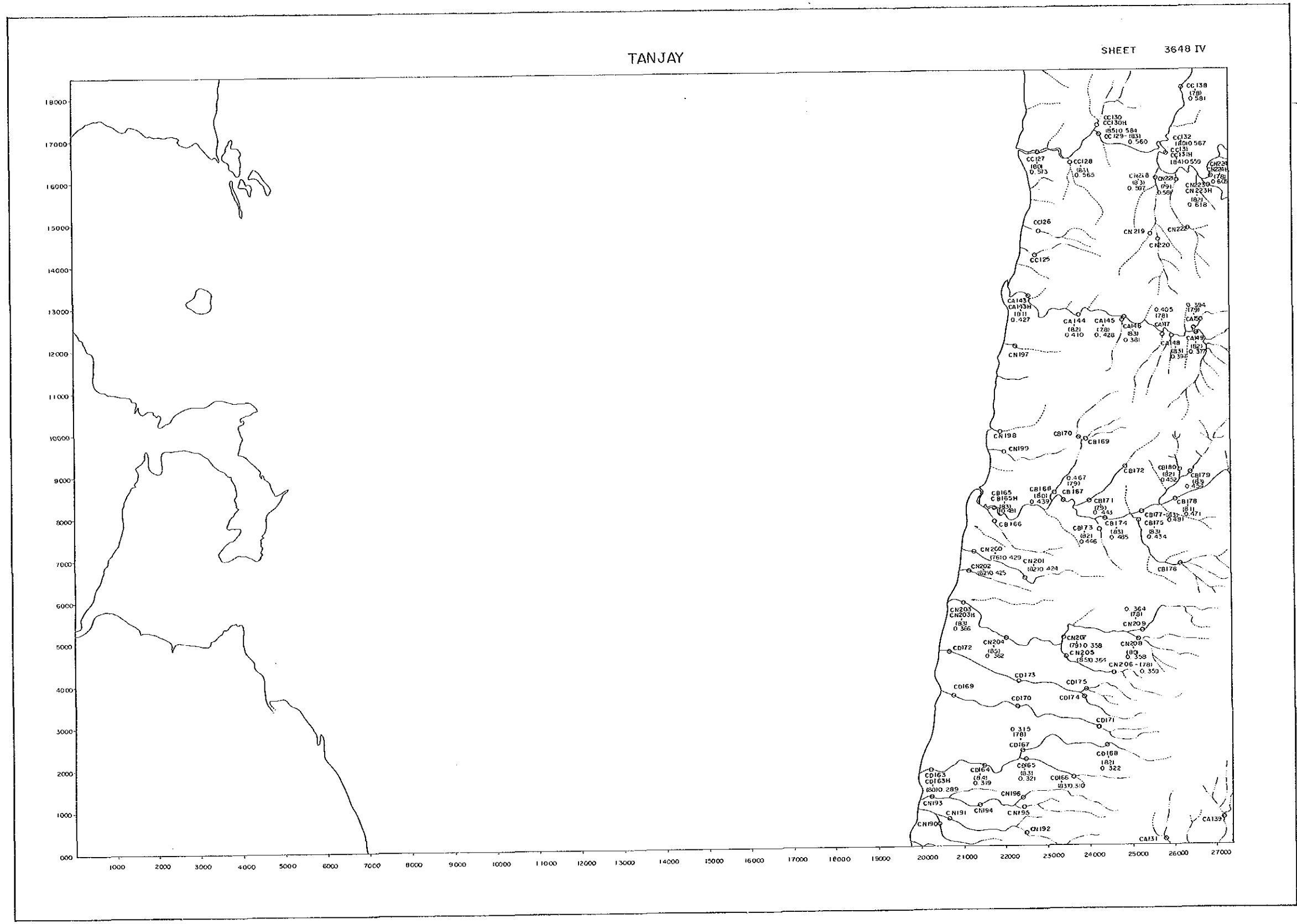
LEGEND



- : 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

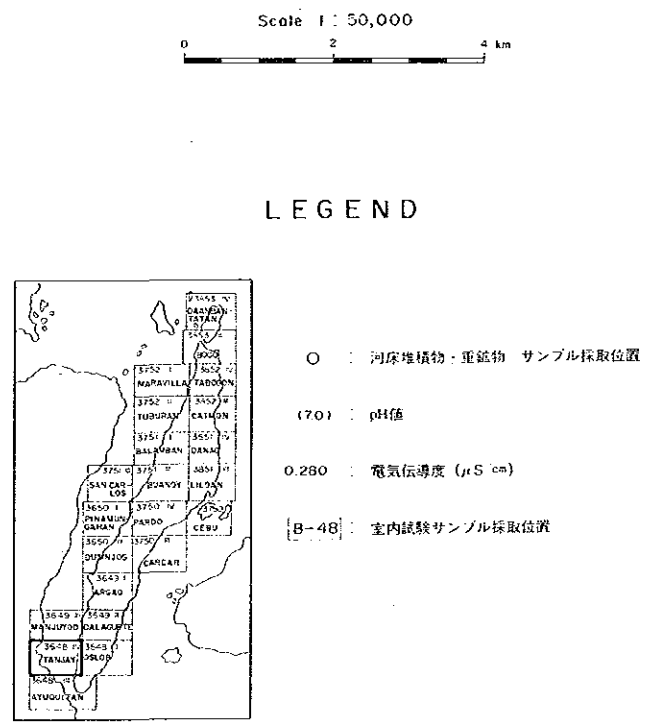
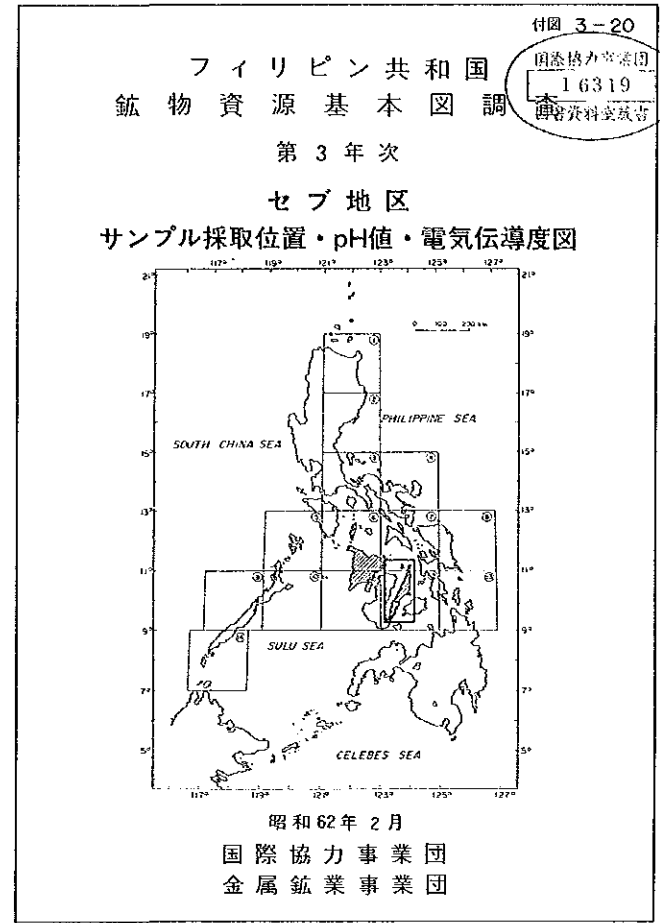
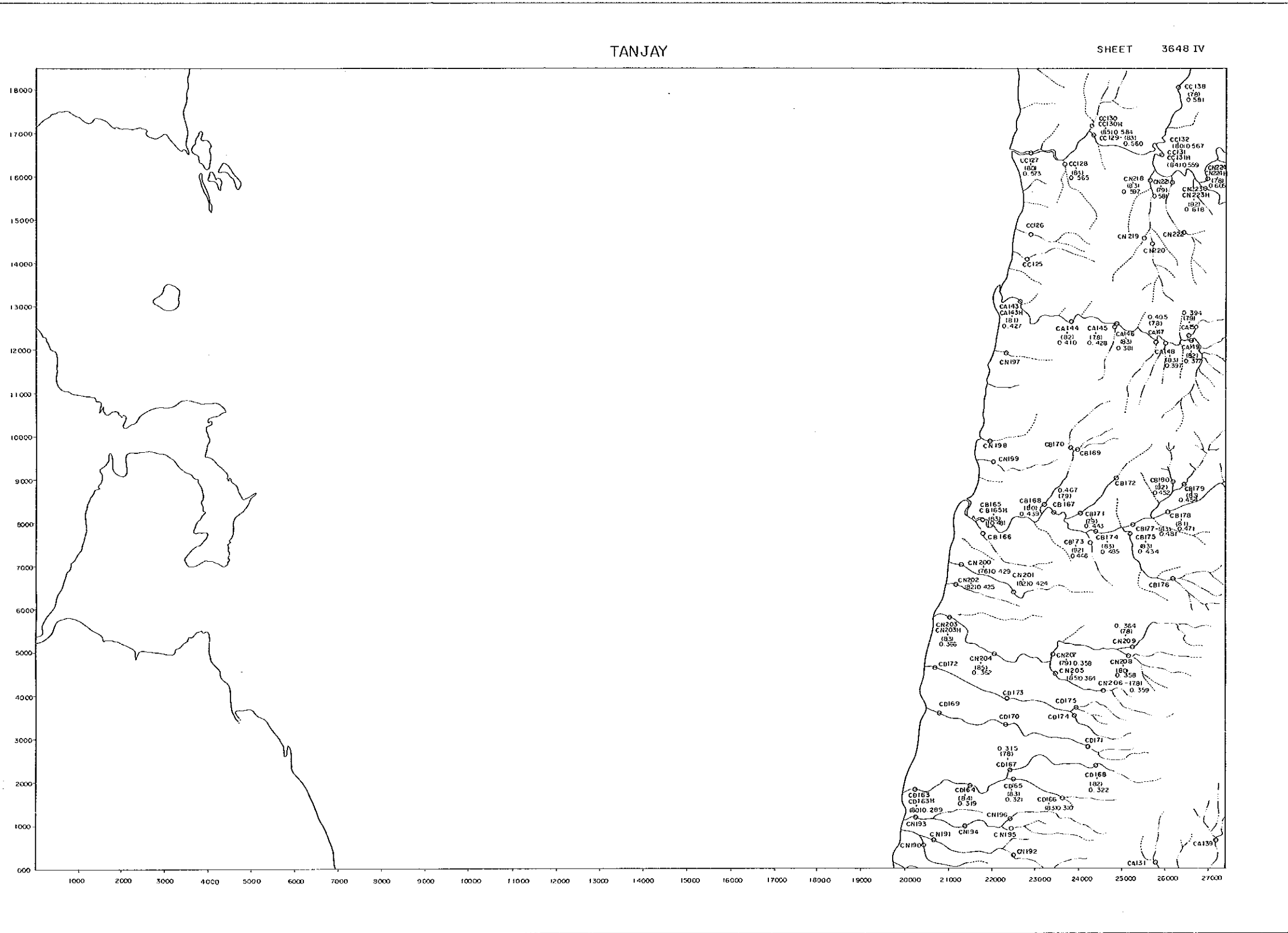


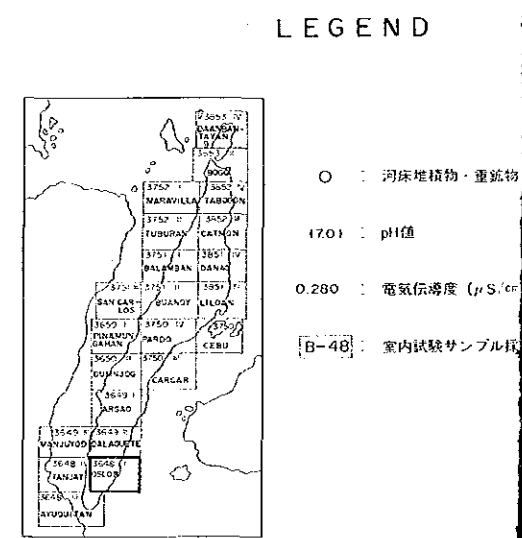
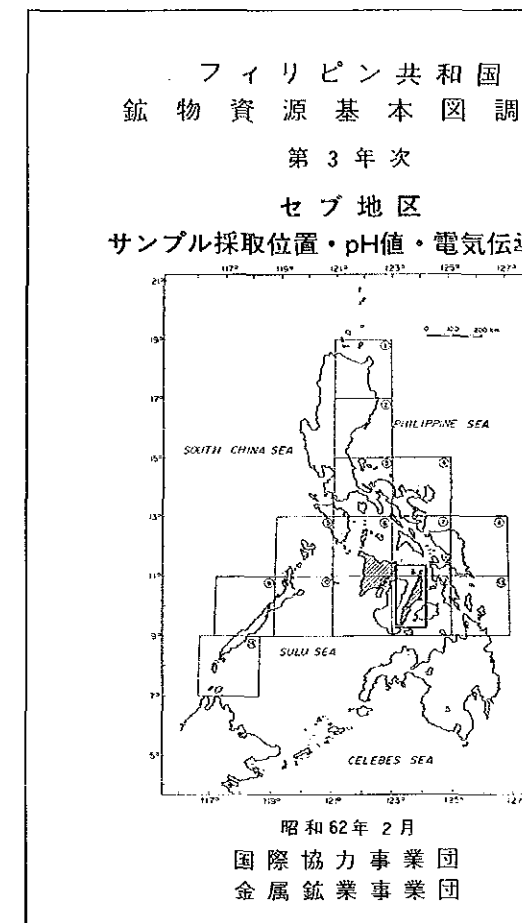
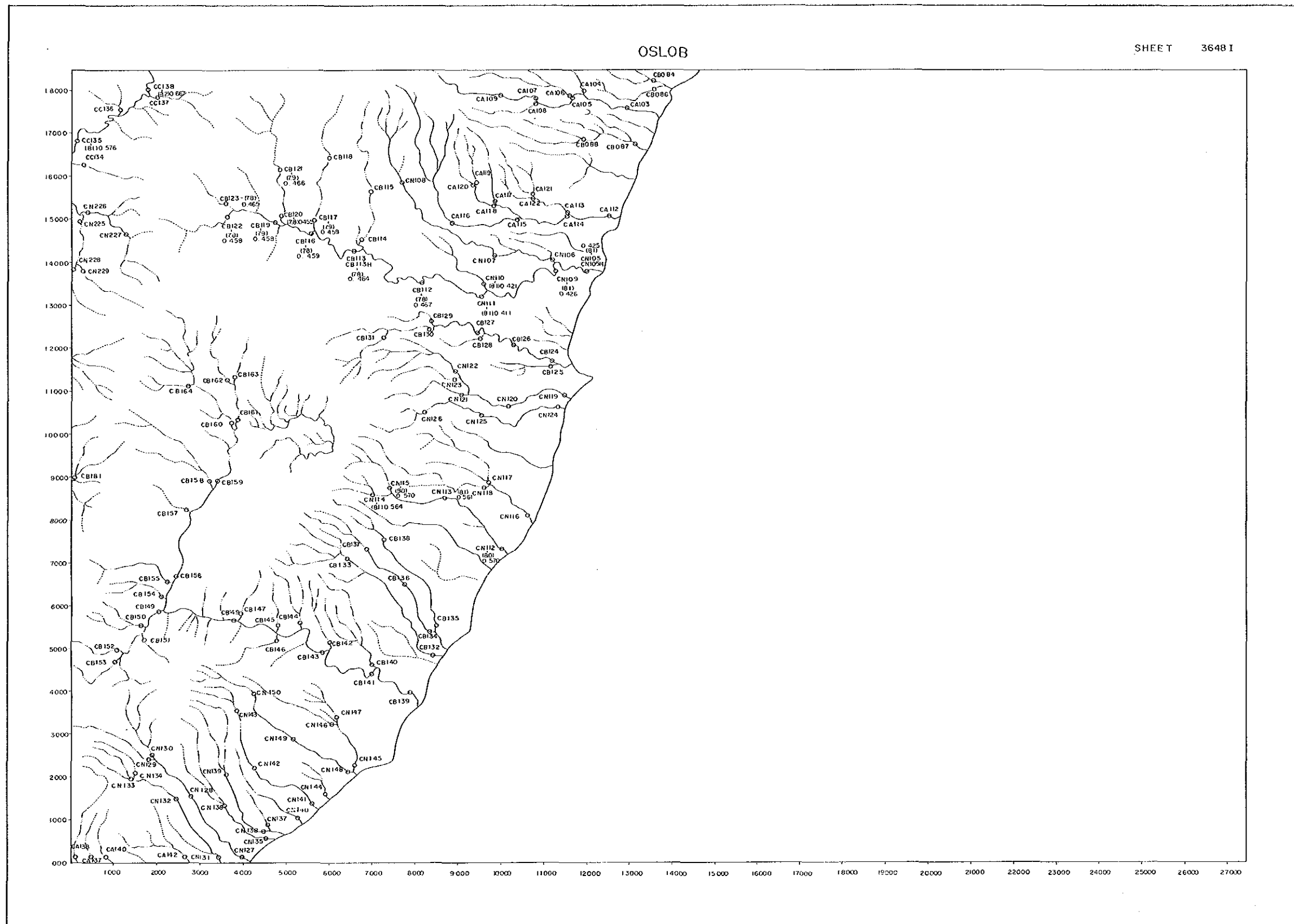


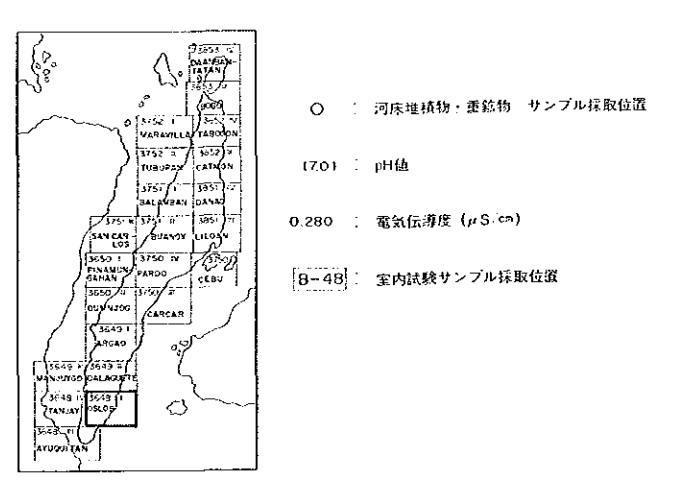
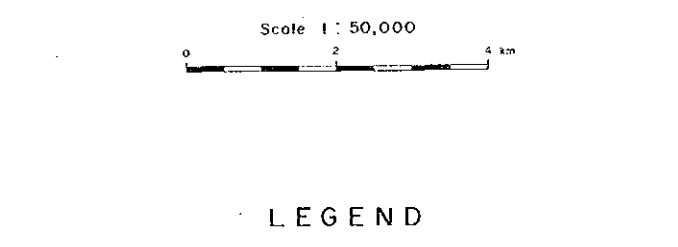
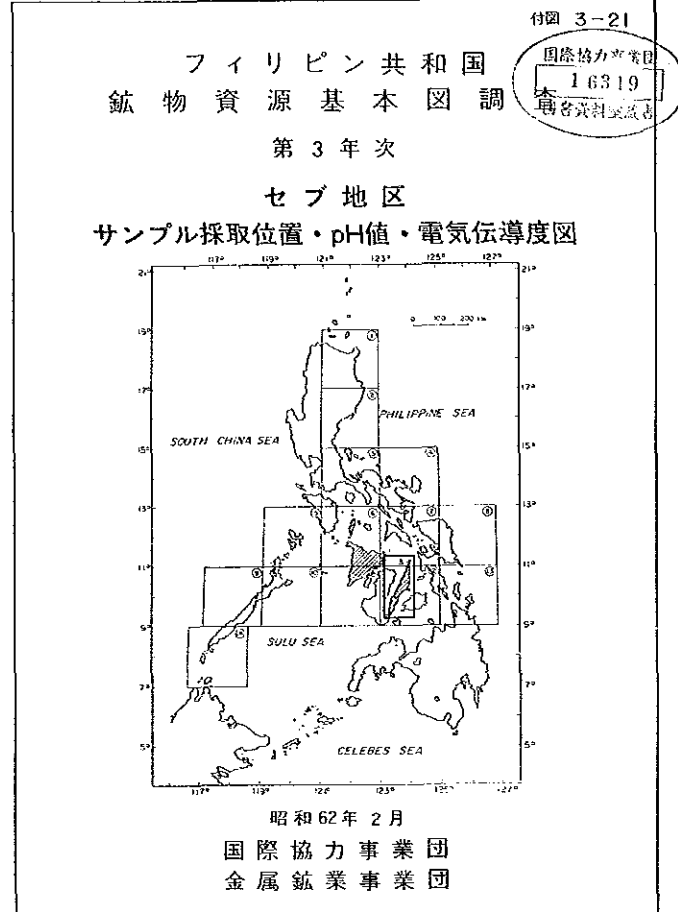
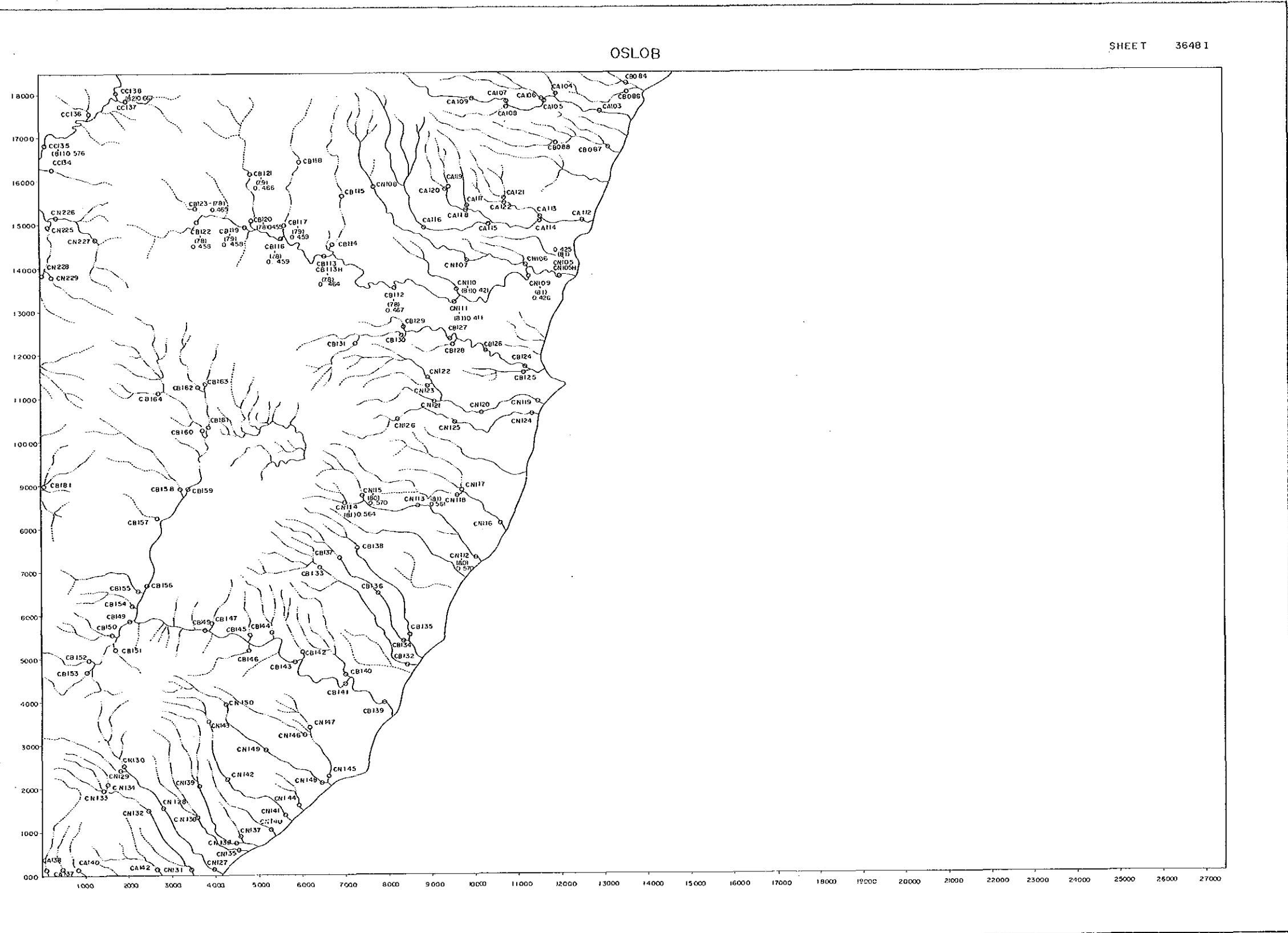


LEGEND

- : 河床堆積物
- (7.0) : pH値
- 0.280 : 電気伝導度
- [B-48] : 室内試験サン





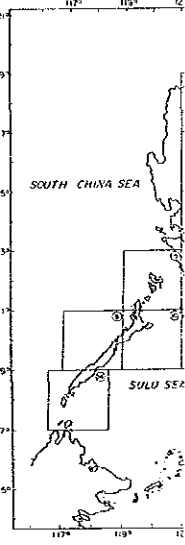


AYUQUITAN

SHEET 3648 III



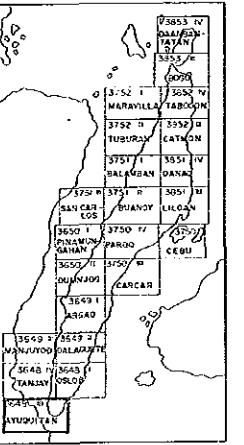
フィリピン
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 セブ
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 国際協
 金属鉱

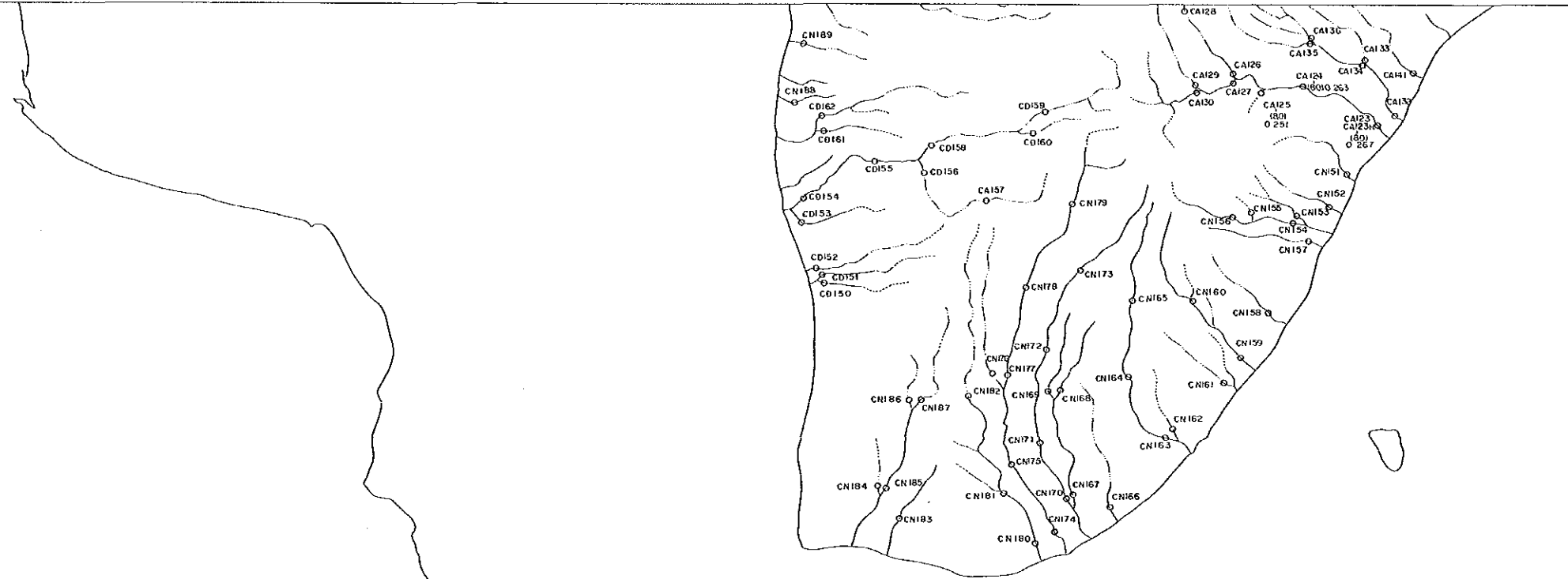
Scale

LE



AYUQUITAN

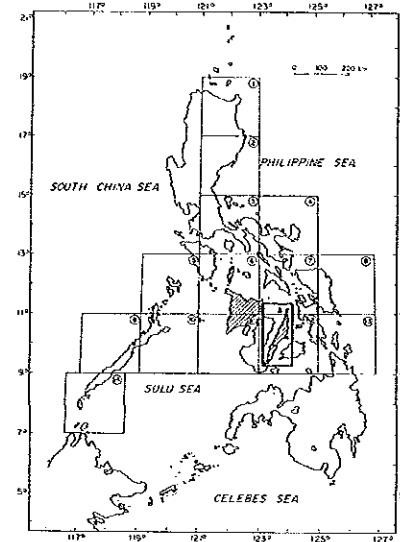
SHEET 3648 III



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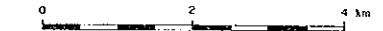


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 サンプル採取位置・pH値・電気伝導度図

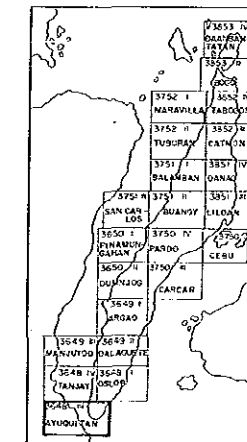


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 国際協力事業団
 金属鉱業事業団

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)
- IB-48 : 室内試験サンプル採取位置