

Mineral Showing List

NO	Name of showing	Kind of Ore	grade
1	Bogocoy	Bedded massive Sulphide (Cu)	D
2	Carajo	" (Cu)	D
3	Calboan	Porphyry vein type (Cu)	D
4	Antipolo	Epithermal vein (Hs)	C
5	Liberty	Peat (C)	D
6	Billiran	Fumaric Sulphur (S)	E
7	Ormoc	Hydrothermal altered clc	D
8	Bolite	Rock Asphalt (C)	D
9	Suhi	Epithermal vein (Cu)	D

Evaluation grade C: Having room for following survey
 D: Low necessity for following survey
 E: Needless for following survey

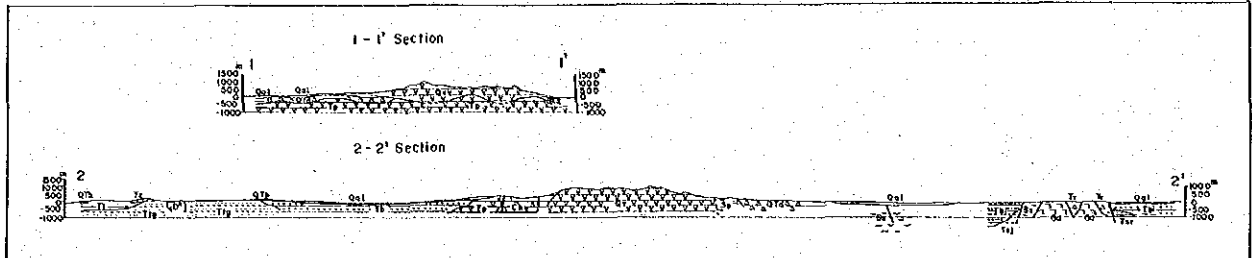
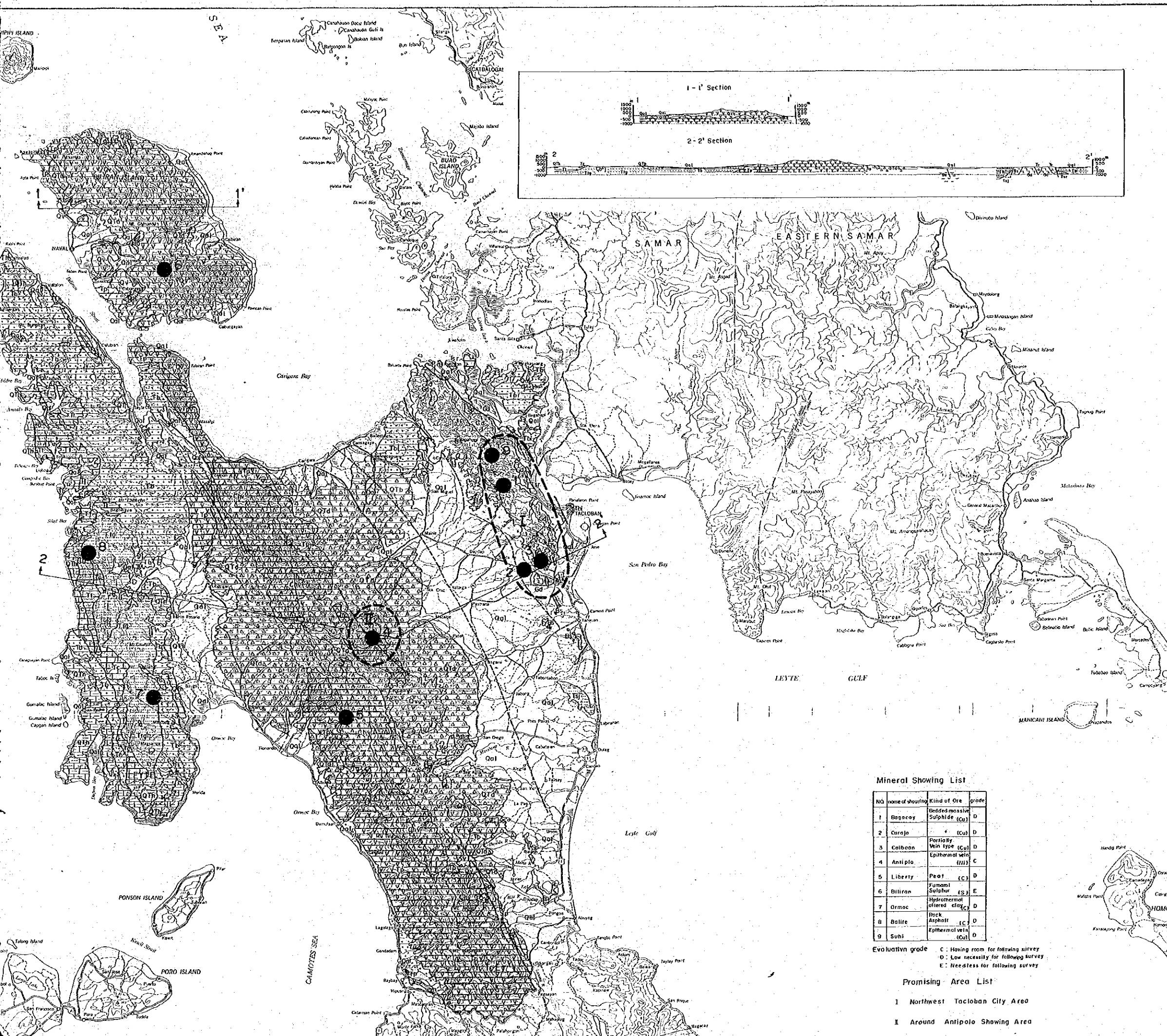
Promising Area List

- I Northwest Tacloban City Area
- II Around Antipolo Showing Area

WESTERN PHILIPPINES

QUATERNARY	Recent River or Coral Reef
HOLOCENE	
PLEISTOCENE	Porous Coralline Limestone
TERTIARY	Sandstone and Coralline Porous Limestone
	Poor Bedded or Conglomerate
	Massive Shale
	Conglomerate and Shale
MIOCENE	
CRETACEOUS PALEOGENE	

7 ● Mineral Showing
 II Promising Area



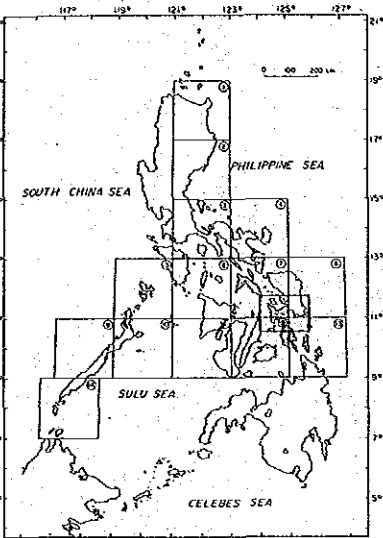
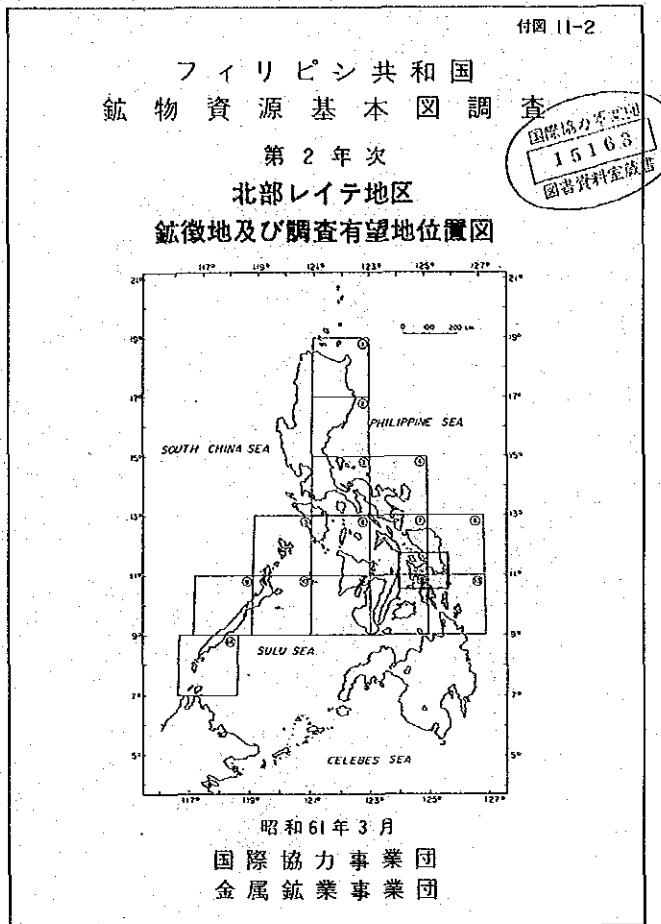
Mineral Showing List

NO	Name of showing	Kind of Ore	grade
1	Bagecoy	Older massive Sulphide (Cu)	D
2	Caraja	Porphyry (Cu)	D
3	Calboon	Porphyry vein type (Cu)	D
4	Antiplo	Epithermal vein (Au)	C
5	Liberty	Peat (C)	D
6	Billiran	Fumarolic Sulphur (S)	E
7	Ormoc	Hydrothermal altered clay (C)	D
8	Balite	Rock Asphalt (C)	D
9	Suh	Epithermal vein (Cu)	D

Evolution grade C: Having room for following survey
 D: Low necessity for following survey
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Promising Area List

- 1 Northwest Tacloban City Area
- I Around Antipolo Showing Area



昭和61年3月
 国際協力事業団
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Scale 1:250,000
 0 10 20 km

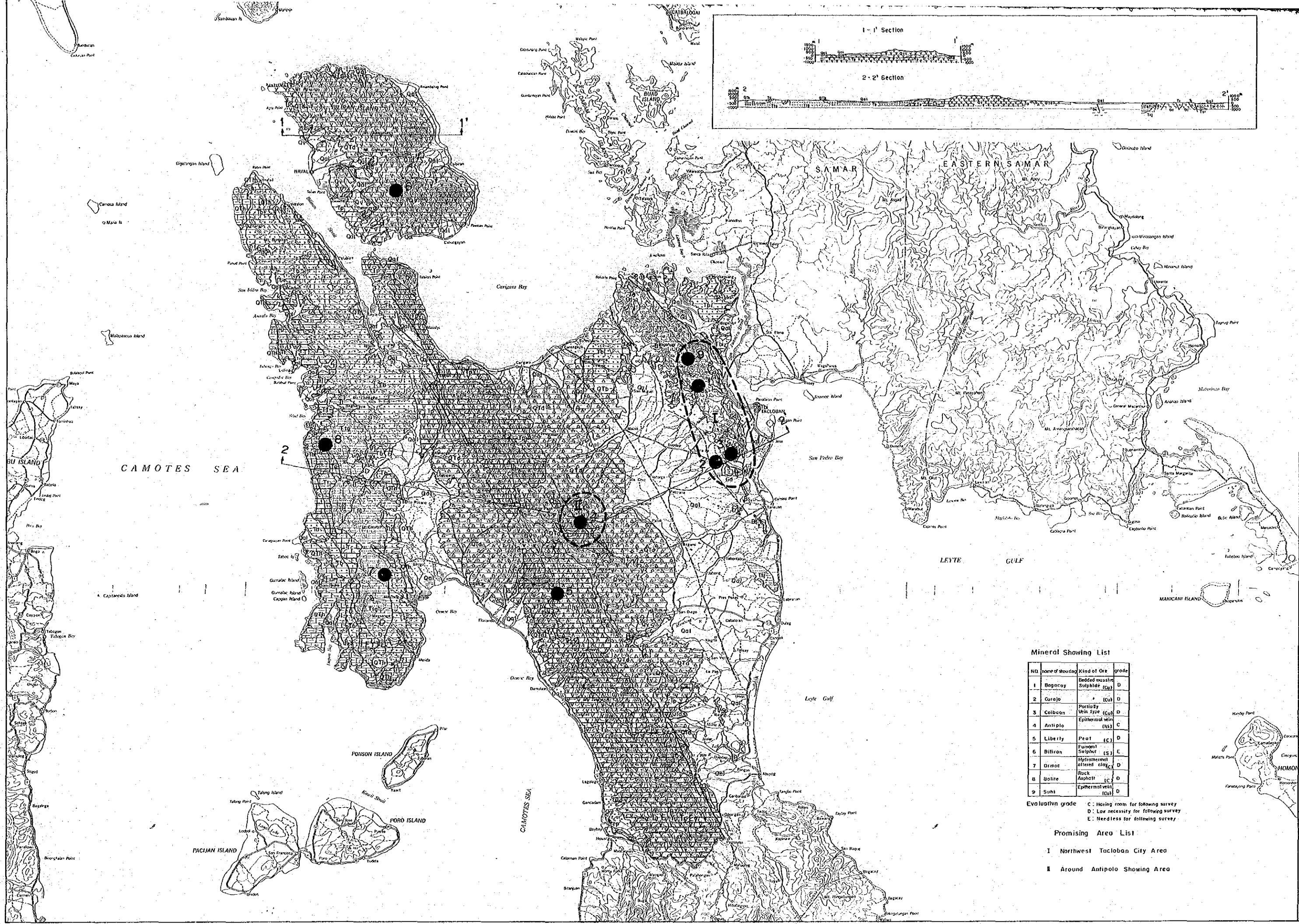
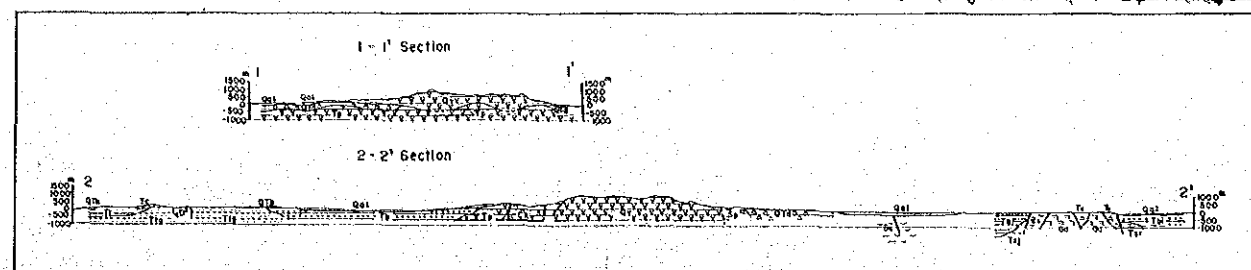
LEGEND

	Western Leyte	Eastern Leyte
QUATERNARY	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
PLEISTOCENE	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
PLIOGENE	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
TERTIARY	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
MIOCENE	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
CRETACEOUS-PALAEOGENE	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef
	Qol Recent River and Coastal Deposits, and Coral Reef	Qol Recent River and Coastal Deposits, and Coral Reef

Fault

7 Mineral Showing

I Promising Area



Mineral Showing List

No	Name of showing	Kind of Ore	grade
1	Bogocoy	Bedded massive Sulphide (Cu)	D
2	Curojo	Partialy Vein type (Cu)	D
3	Coiboon	Epithermal vein (Ni)	C
4	Antiplo	Peat	(C) D
5	Liberty	Ferrous Sulphur (S)	E
6	Billion	Hydrothermal altered clay	D
7	Ormae	Rock Asphalt	(C) D
8	Bolite	Epithermal vein (Cu)	D
9	Suhi		

Evaluation grade C: Having room for following survey
D: Low necessity for following survey
E: Needless for following survey

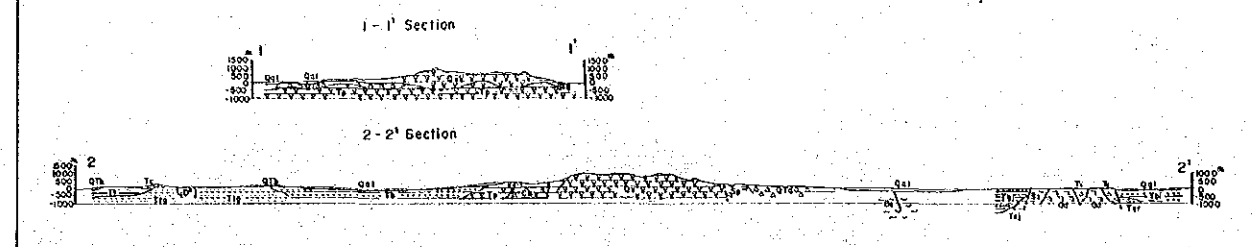
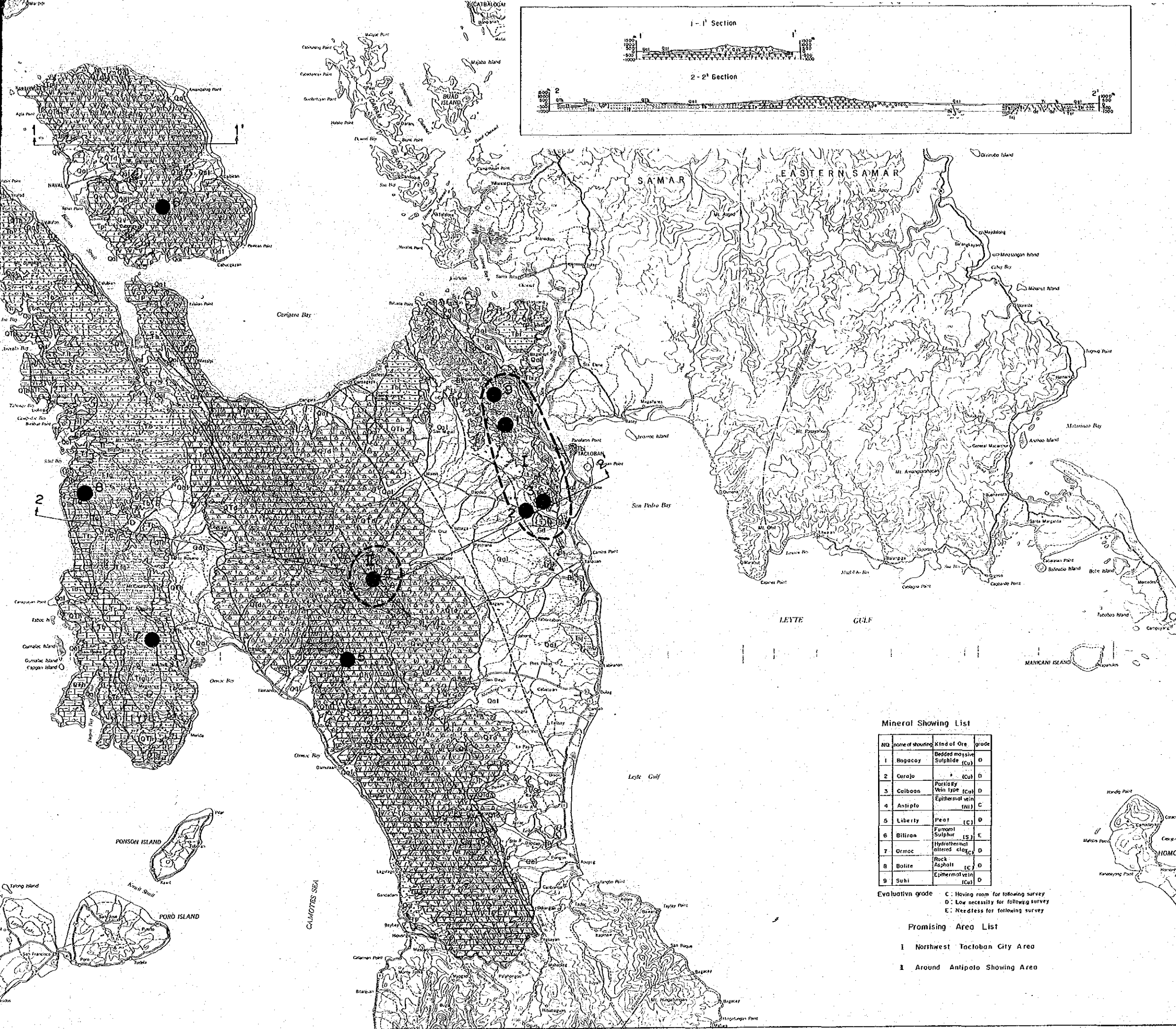
Promising Area List

- I Northwest Tacloban City Area
- II Around Antipolo Showing Area

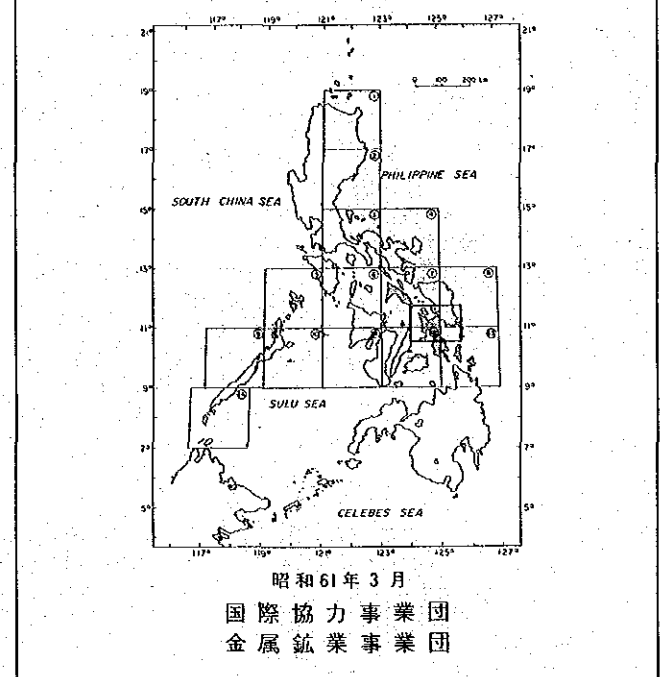
Geological Legend:

- QUATERNARY: Ool (Ool)
- PLEISTOCENE: Ool (Ool)
- PLIOCENE: Ool (Ool)
- MIOCENE: Ool (Ool)
- CRETACEOUS-PALAEOGENE: Ool (Ool)

Other symbols: Fault, Mineral showing (I, II)



第2年次
北部レイテ地区
鉱徴地及び調査有望地位置図



昭和61年3月
国際協力事業団
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LEGEND

Geological Period	Western Leyte		Eastern Leyte	
	Symbol	Description	Symbol	Description
QUATERNARY	Qal	Recent River and Coastal Deposits, and Coral Reef.	Qal	Recent River and Coastal Deposits, and Coral Reef.
	Qv		Qv	Young Volcanic Cone with Flow.
PLEISTOCENE	Pl1	Porous Coralline Limestone.	Pl2	Andesitic Pyroclastics with Attenuation of Low Dipping Sediments.
	Pl3		Pl3	Intrusives and Flows of Basalt.
PLIOCENE	P1	Sandstone and Shale.	P2	Massive and Compact Conglomerate and Pyroclastic Rocks.
	P3		P3	Well Bedded Conglomerate Sandstone and Shale.
TERTIARY	T1	Coralline Porous Limestone.	T2	Coarse Medium Grained Diorite.
	T3	Thin Bedded Ill-sorted Conglomerate.	T4	Flows and some Intrusive Hornblende Pyroclastic Andesite.
MIOCENE	M1	Massive Shale.	M2	Conglomerate Sandstone and Shale.
	M3	Conglomerate Sandstone and Shale.	M4	
CRETACEOUS-PALAEOGENE	C1		C2	Basalt and Andesite with Spherulites.
	C3		C3	Gabbro Diabase.
	C4		C4	Essentially Saponitized Hornblende.
			C5	Schist Gneiss and Phyllite.

Mineral Showing List

No.	Name of showing	Kind of Ore	grade
1	Bogajo	Bedded massive Sulphide (Cu)	D
2	Carajo	" (Cu)	D
3	Calboon	Partially vein type (Cu)	D
4	Antipolo	Epithermal vein (Au)	C
5	Liberty	Peat (C)	D
6	Biliran	Epithermal Sulphur (S)	C
7	Ormoc	Hydrothermal altered clay (C)	D
8	Bolite	Rock Asphalt (C)	D
9	Subi	Epithermal vein (Cu)	D

Evaluative grade: C: Having room for following survey
D: Low necessity for following survey
E: Needless for following survey

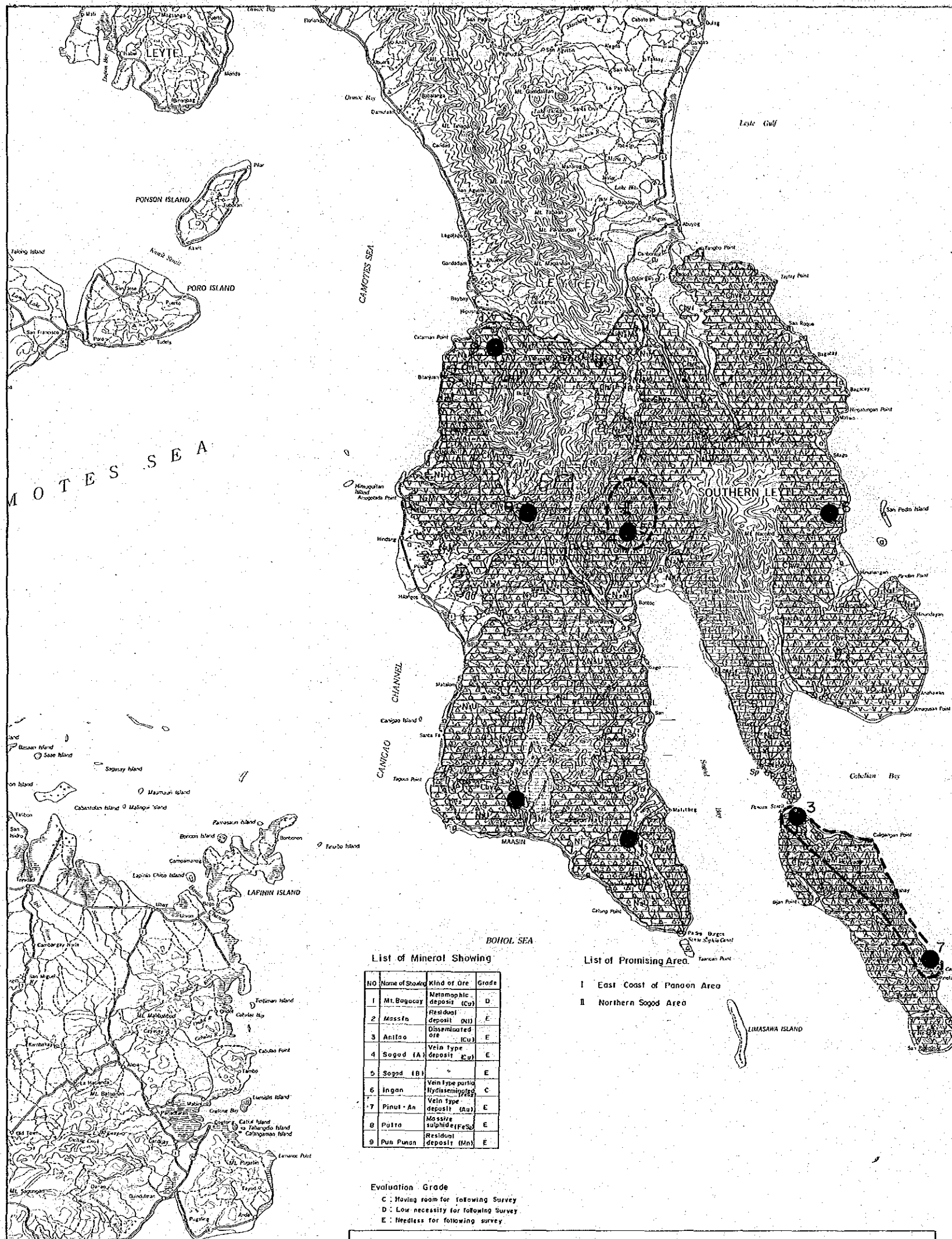
Promising Area List

- I Northwest Tacloban City Area
- II Around Antipolo Showing Area

Fault

● Mineral Showing

II Promising Area



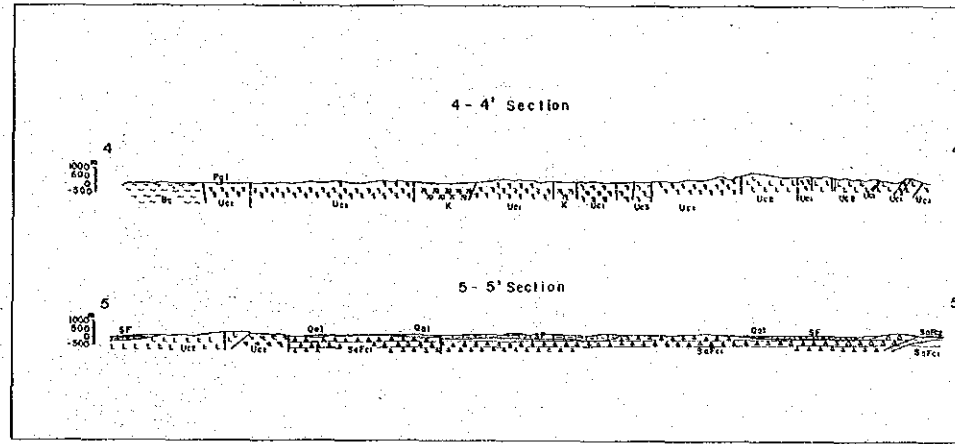
List of Mineral Showing

NO	Name of Showing	Kind of Ore	Grade
1	Mt. Baguay	Metamorphic deposit (Cu)	D
2	Massin	Residual deposit (Ni)	E
3	Anitao	Disseminated ore (Cu)	E
4	Sogod (A)	Vein type deposit (Cu)	E
5	Sogod (B)		E
6	Ingon	Vein type partial hydrothermal deposit	C
7	Pinut - An	Vein type deposit (Cu)	E
8	Putra	Massive sulphide (FeS ₂)	E
9	Pun Punan	Residual deposit (Mn)	E

Evaluation Grade
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List of Promising Area

- I East Coast of Panaon Area
- II Northern Sogod Area



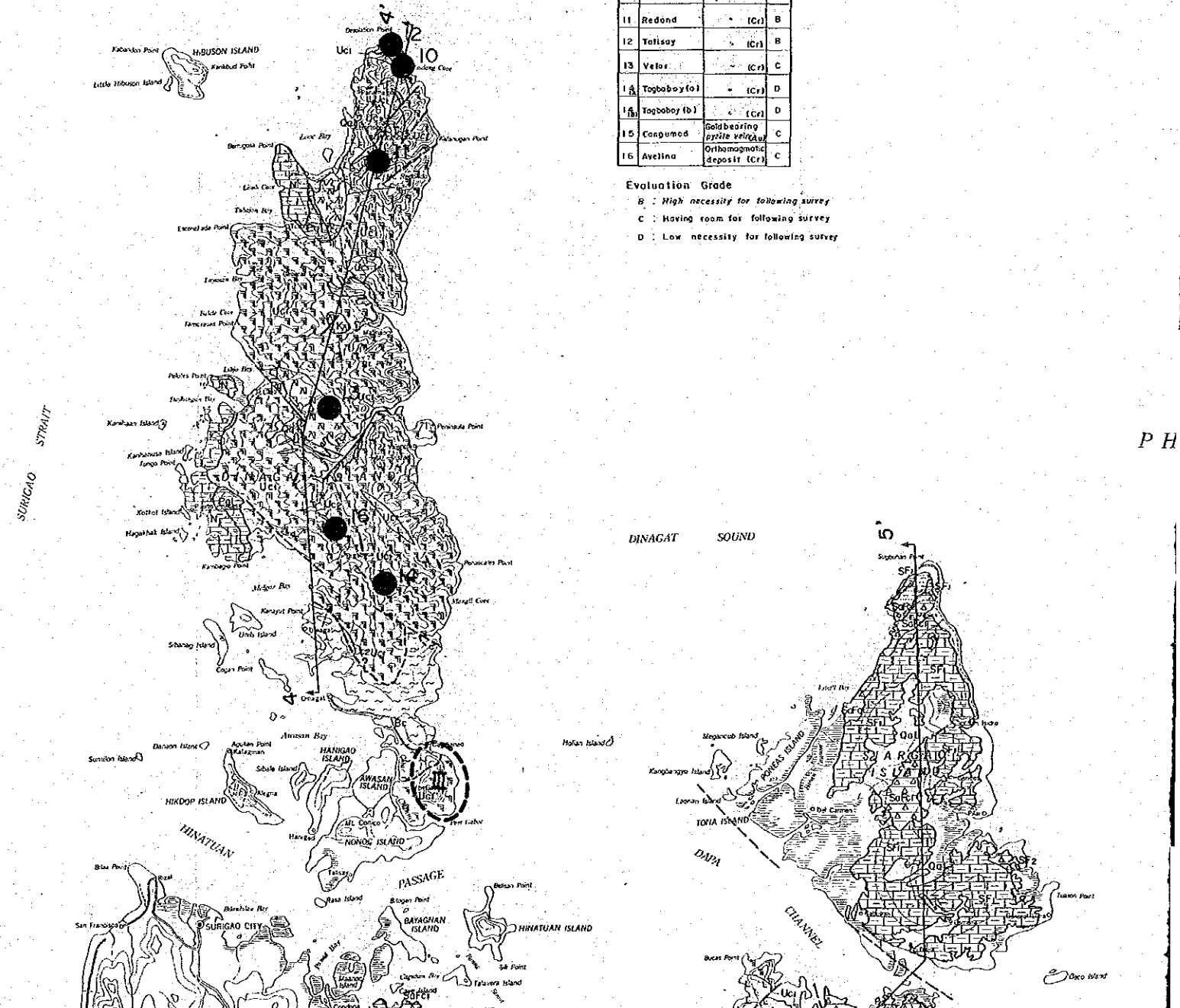
List of Mineral Showing

NO	Name of Showing	Kind of Ore	Grade
10	Masdong	Orthomagmatic deposit (Cr)	B
11	Redond	(Cr)	B
12	Talisay	(Cr)	B
13	Velor	(Cr)	C
14	Tagboby (a)	(Cr)	D
15	Tagboby (b)	(Cr)	D
15	Campud	Sulfid bearing pyrite vein	C
16	Avellina	Orthomagmatic deposit (Cr)	C

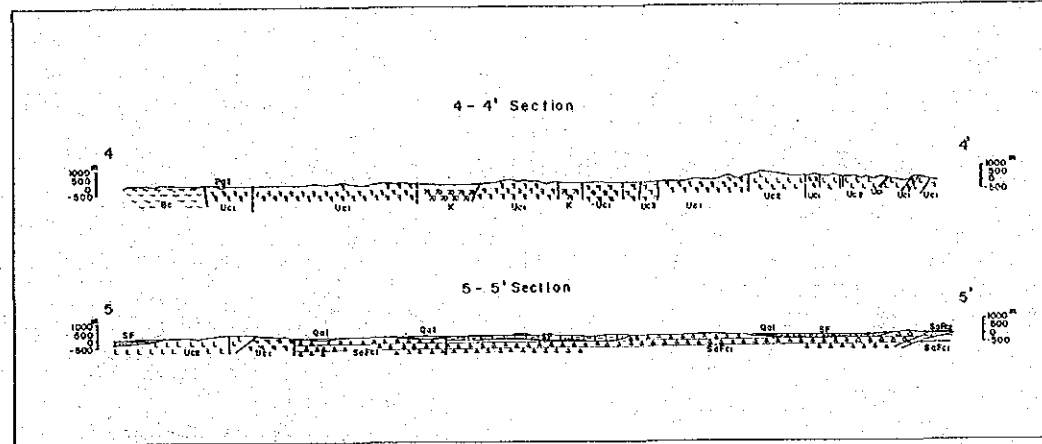
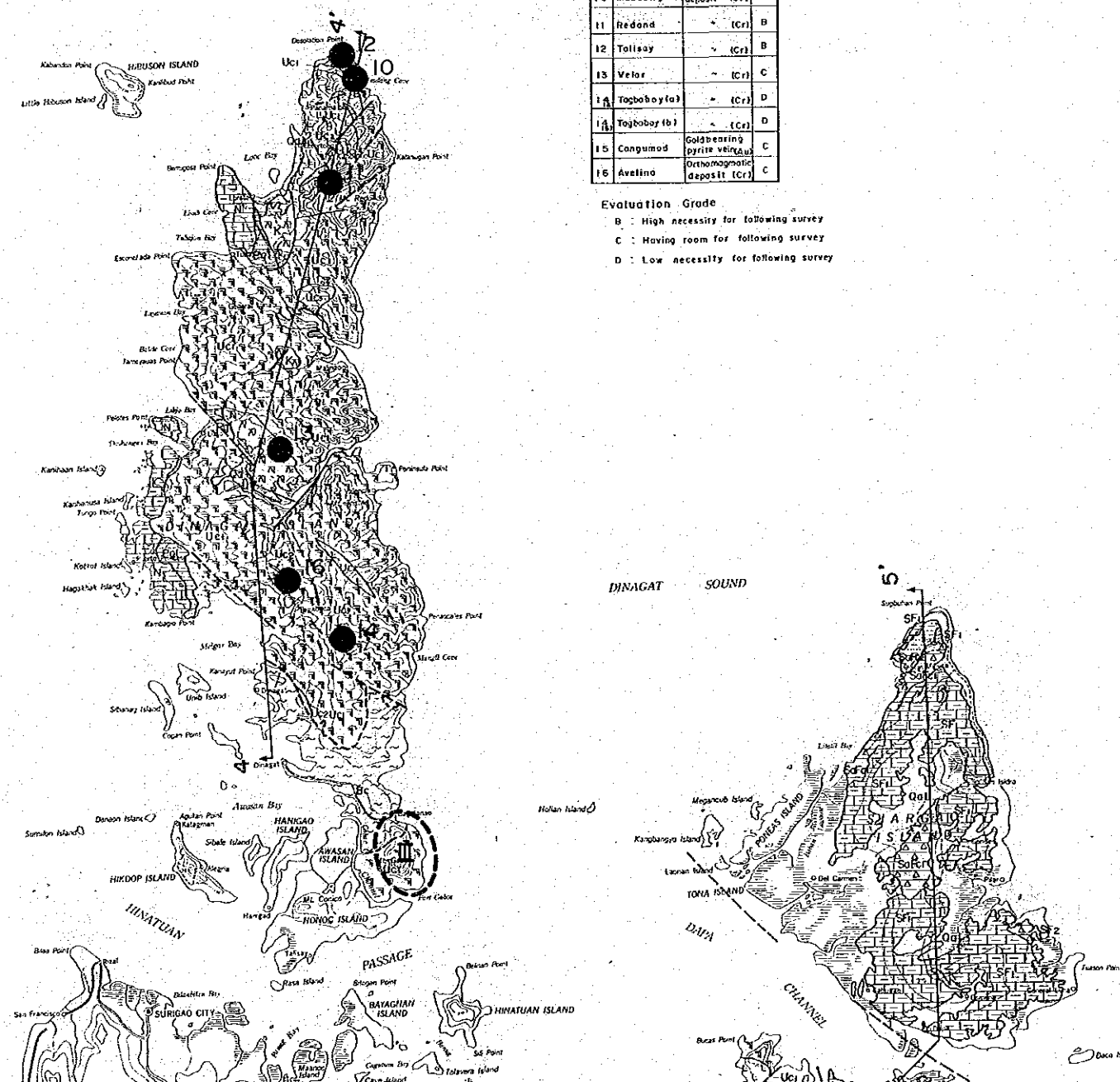
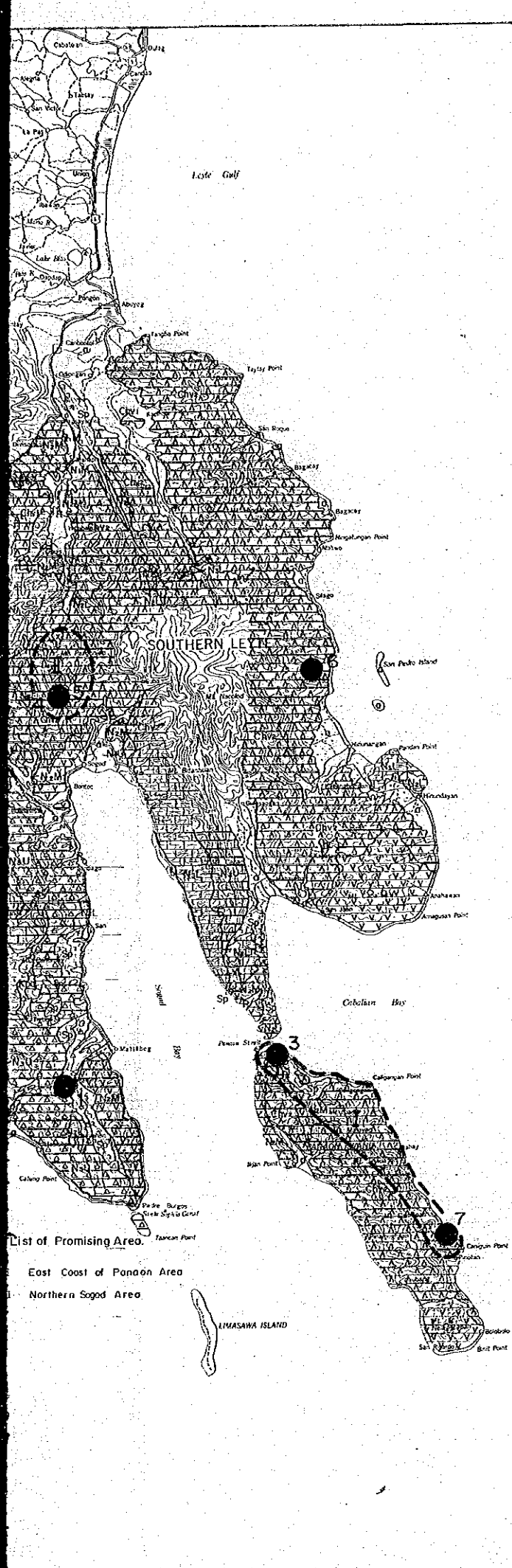
Evaluation Grade
 B : High necessity for following survey
 C : Having room for following survey
 D : Low necessity for following survey

List of Promising Area

- III Southern part of Dinagat Area
- IV West side of Masapetid Area



P.H.



List of Mineral Showing

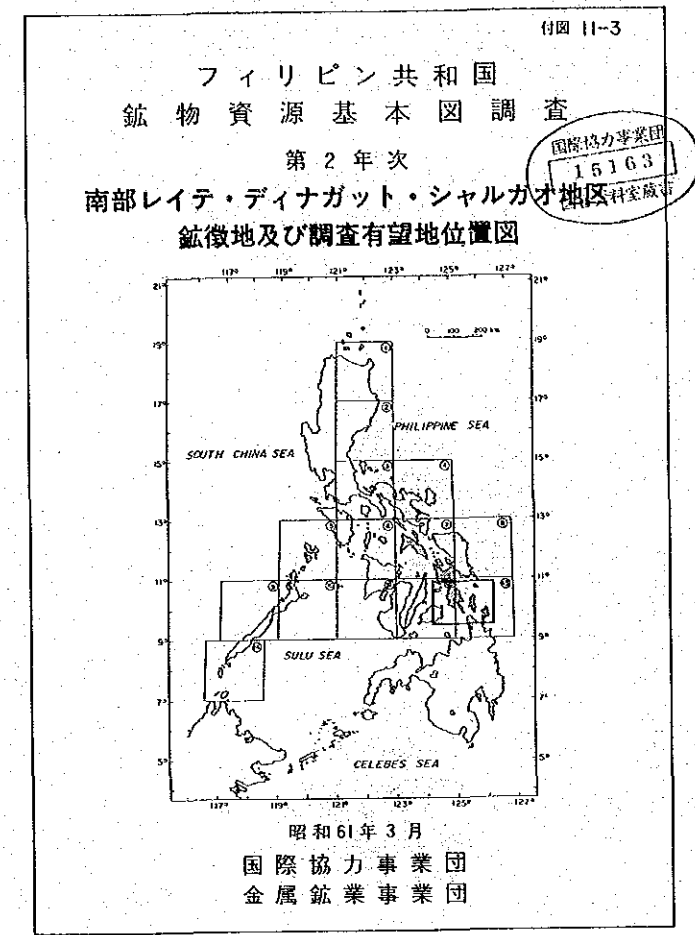
No.	Name of Showing	Kind of Ore	Grade
10	Masdong	Orthomagmatic deposit (Cr)	B
11	Redond	(Cr)	B
12	Talalay	(Cr)	B
13	Velor	(Cr)	C
14	Tagboboyta	(Cr)	D
15	Cungumod	Gold-bearing oxide (Cr)	C
16	Avelino	Orthomagmatic deposit (Cr)	C

Evaluation Grade
 B : High necessity for following survey
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 D : Low necessity for following survey

List of Promising Area
 III Southern part of Dinagat Area
 IV West side of Masopelid Area.

List of Promising Area
 East Coast of Panoson Area
 Northern Sogod Area

PHILIPPI

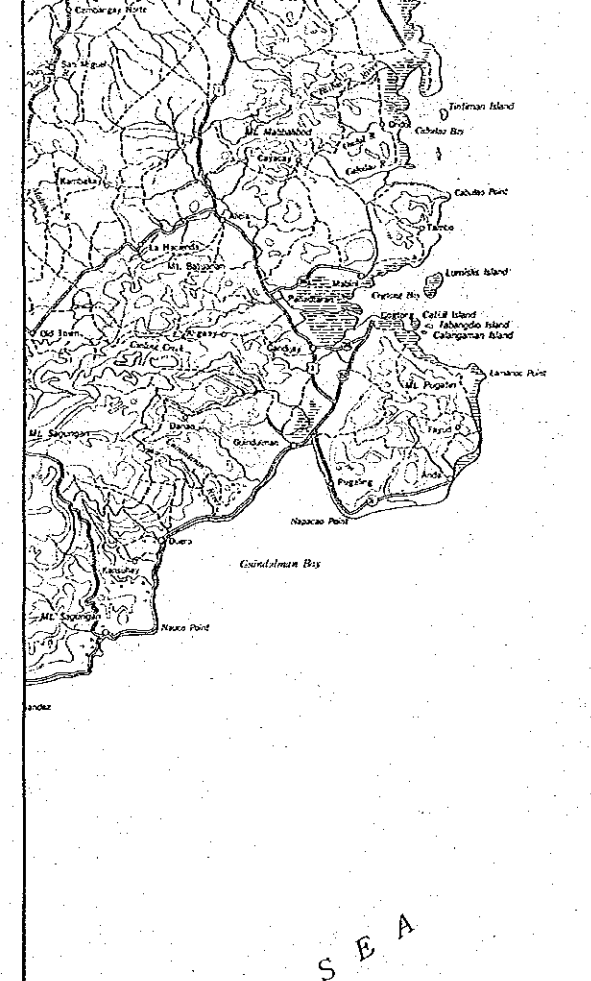
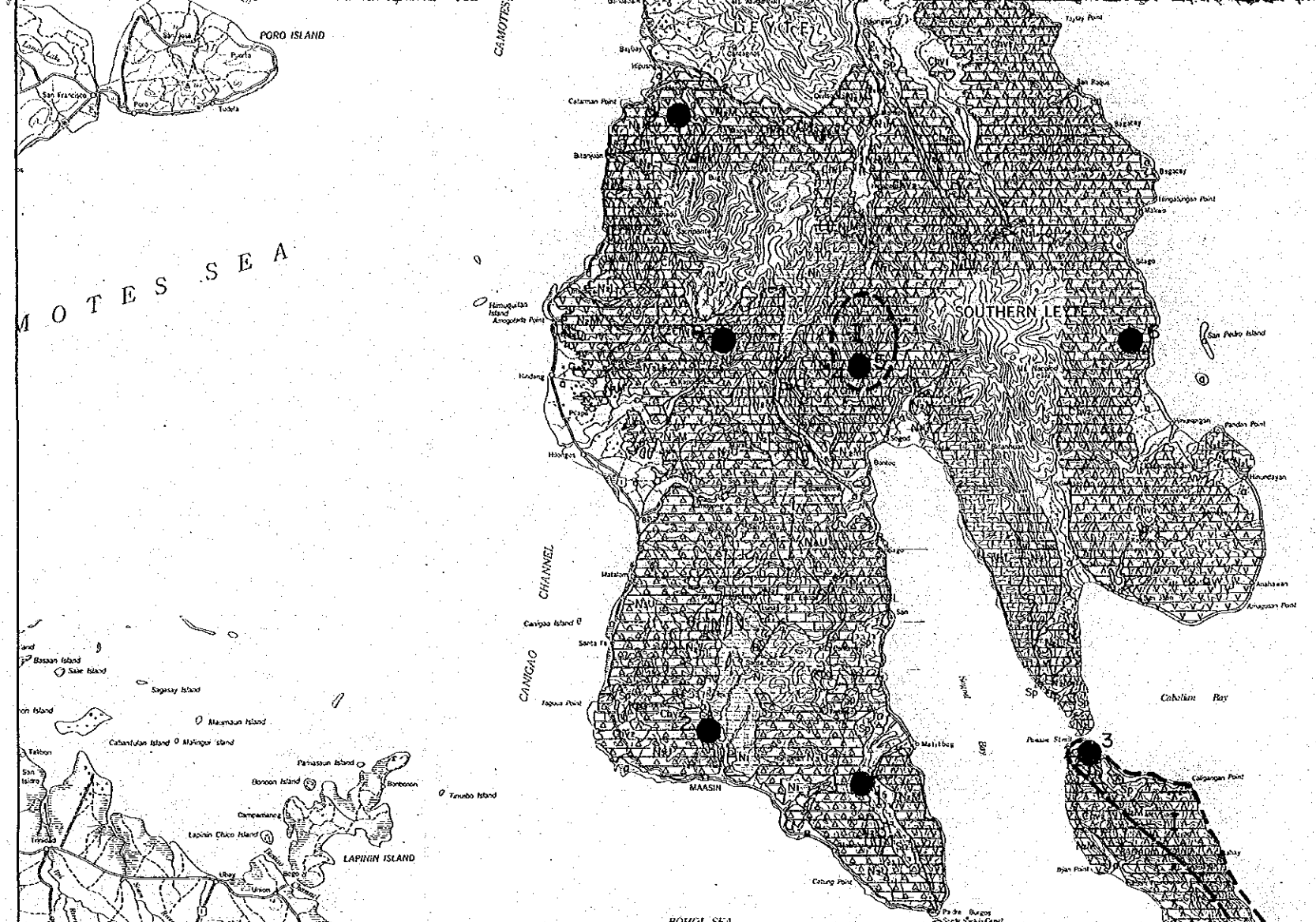
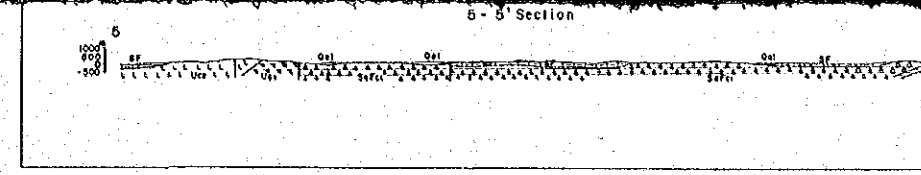


Scale 1 : 250,000
 0 10 20 km

LEGEND

Geological Period	Southern Leyte Area	Dinagat Area	Siargao Area
Recent	Gravel, Sand, Coral Reef.	Gravel, Sand, Coral Reef.	Gravel, Sand, Coral Reef.
Pleistocene	Andesite Cones Lava Flows.	Andesite	Andesite
	Coralline Limestone.		
Pliocene	Conglomerate, Sandstone.		
	Andesitic Tuff Breccia and Sandstone, Shale, Conglomerate and Mudstone.		
Miocene	Coralline Limestone.	Limestone.	Limestone.
	Diorite.		
	Andesitic Lava.		
Pliocene	Basalt Lava.		
	Sandstone, Mudstone Conglomerate.		
Cretaceous	Serpentinized Pyroxene Peridotite.	Microgabbro Pyroxene Peridotite.	Basalt Andesite Diabase.
	Chert, Mudstone, Shale, Basalt, Diabase.	Dunite.	Basalt Andesite Diabase.
	Schistose Gabbro.	Pyroxene Peridotite.	Pyroxene Peridotite.
	Amphibolite Greenschist.	Amphibolite Greenschist.	Amphibolite Greenschist.

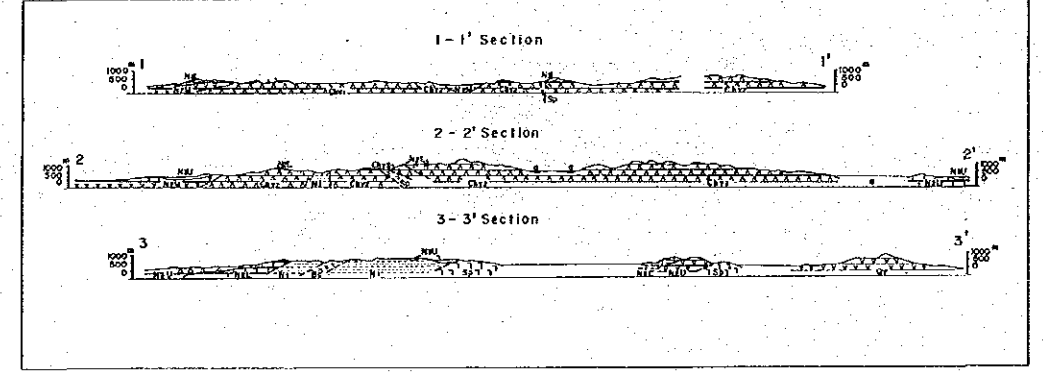
Fault
 Mineral Showing
 Promising Area



List of Mineral Showing

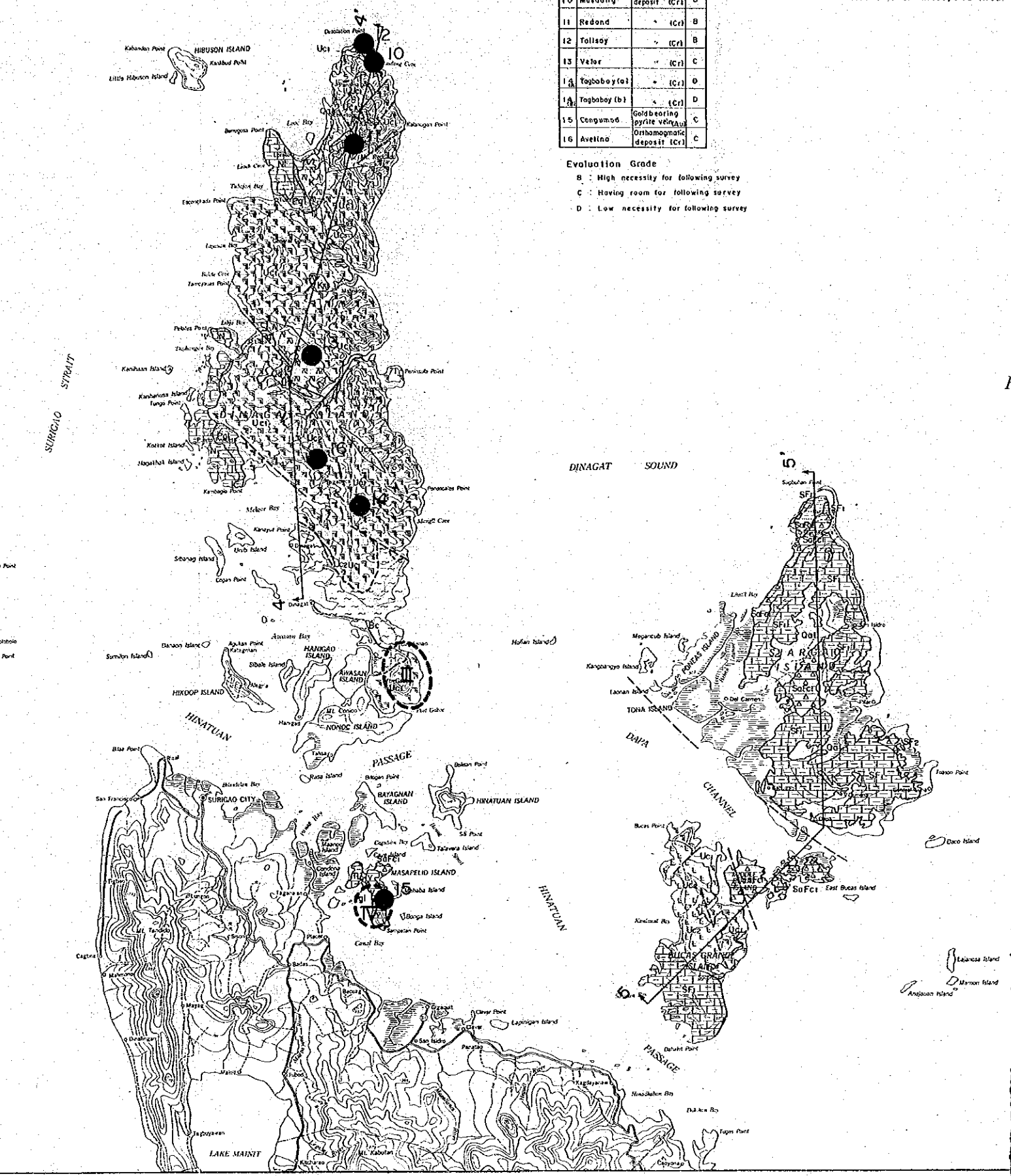
NO	Name of Showing	Kind of Ore	Grade
1	Mt. Bogocoy	Metamorphic deposit (Cu)	D
2	Moslin	Residual deposit (Ni)	E
3	Anilao	Disseminated Ore (Cu)	E
4	Sogod (A)	Vein type deposit (Cu)	E
5	Sogod (B)		E
6	Jagon	Vein type porphyry hydrothermal	C
7	Pinut - An	Vein type deposit (Au)	E
8	Pulita	Massive sulphide (FeS ₂)	E
9	Pvn Punon	Residual deposit (Mn)	E

Evolution Grade
 C : Having room for following Survey
 D : Low necessity for following Survey
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List of Promising Area

I East Coast of Panaon Area
 II Northern Sogod Area



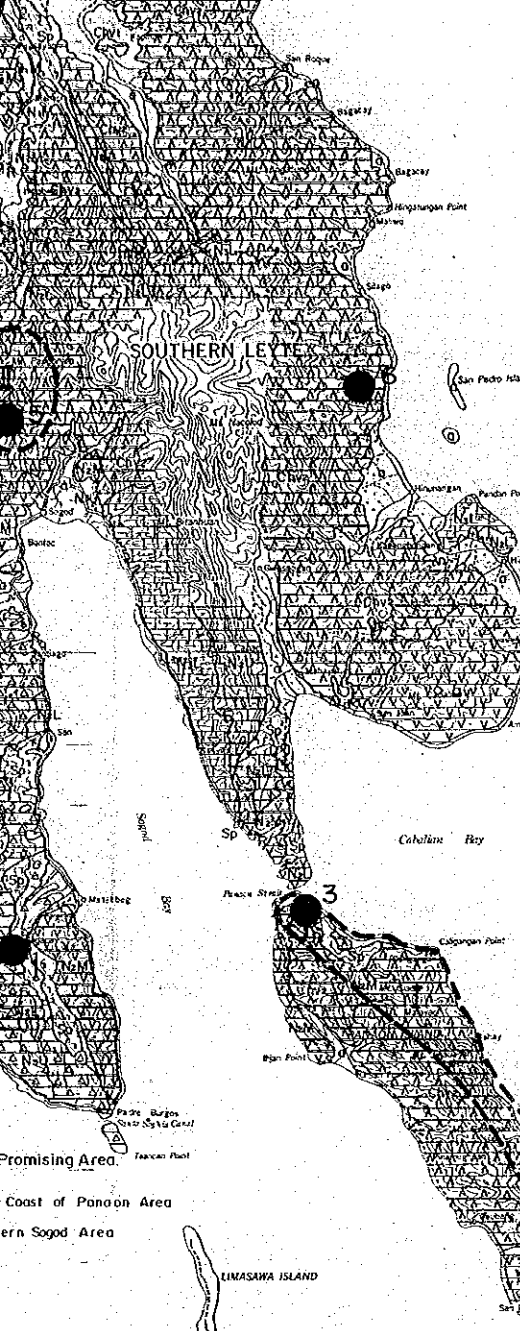
List of Mineral Showing

NO	Name of Showing	Kind of Ore	Grade
10	Mesdang	Orthomagnatic deposit (Cr)	B
11	Redond	(Cr)	B
12	Tollasy	(Cr)	B
13	Valor	(Cr)	C
14	Tagbobot (a)	(Cr)	D
14	Tagbobot (b)	(Cr)	D
15	Congomod	Goldbearing pyrite vein	C
16	Avellana	Orthomagnatic deposit (Cr)	C

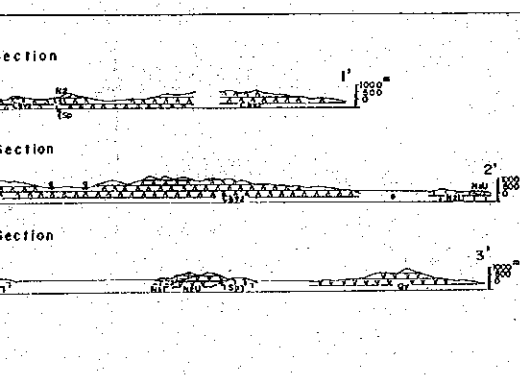
Evolution Grade
 B : High necessity for following survey
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List of Promising Area

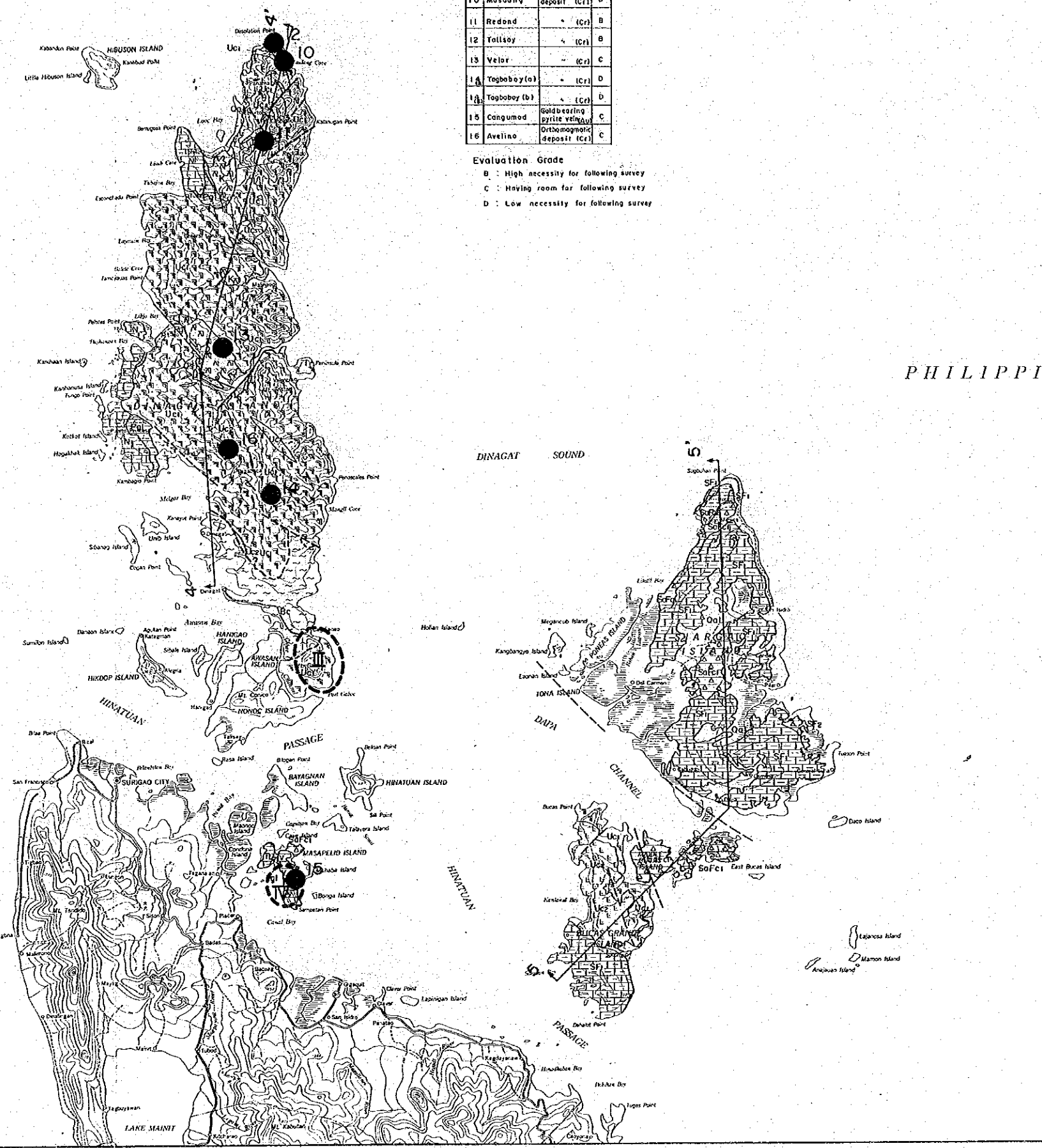
III Southern part of Dinagat Area
 IV West side of Masapeld Area.



Promising Area
Coast of Panon Area
ern Sogod Area



BOHOL SEA

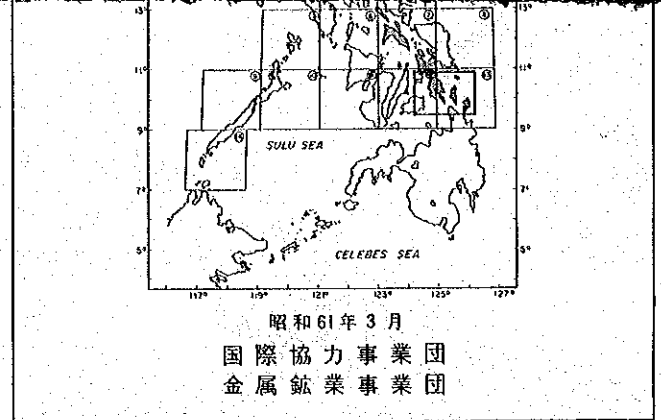
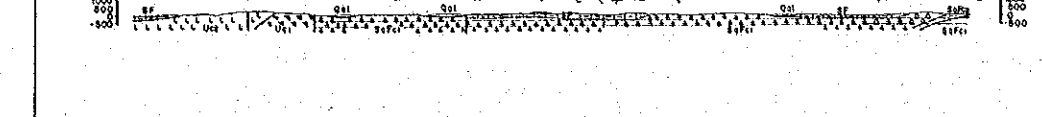


List of Mineral Showing

No.	Name of Showing	Kind of Ore	Grade
10	Masdong	Orbomagnatic deposit (Cr)	B
11	Redond	(Cr)	B
12	Tollay	(Cr)	B
13	Velar	(Cr)	C
14	Tagoboy(a)	(Cr)	D
14a	Tagoboy (b)	(Cr)	D
15	Congumod	Sulfid bearing pyrite vein	C
16	Avelino	Orbomagnatic deposit (Cr)	C

Evaluation Grade
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List of Promising Area
III Southern part of Dinagat Area
IV West side of Masapelid Area.



昭和61年3月
国際協力事業団
金属鉱業事業団

Scale 1 : 250,000
0 10 20 km

LEGEND

	Southern Leyte Area	Dinagat Area	Siargao Area
Recent	Gravel, Sand, Coral Reef.	Gravel, Sand, Coral Reef.	Gravel, Sand, Coral Reef.
Pliocene	Andesite Cones Lava Flows.		
	Coralline Limestone.		
Pleistocene	Conglomerate, Sandstone.		
	Andesite, Tuff Breccia and Sandstone, Slate, Conglomerate and Mudstone.	Andesite	
Miocene	Coralline Limestone.	Limestone.	Limestone.
		Conglomerate, Sandstone, Mudstone, Chert.	
Pliocene		Quartzite.	
		Andesitic Lava.	
Cenozoic		Basalt Lava.	
	Sandstone, Mudstone, Conglomerate		
Paleogene		Basalt Diabase	Tuffaceous Sandstone Siltstone
		Microgabbro ~ Pyroxene Peridotite	Basalt, Andesite Diabase.
Cretaceous	Serentinized Pyroxene Peridotite	Dunite.	Dunite.
	Chert, Mudstone, Shale, Basalt, Diabase.	Pyroxene Peridotite.	Pyroxene Peridotite.
	Schistose Gabbro	Amphibolite Greenschist.	

Fault
7 ● Mineral Showing
II Promising Area

