



PL 1-9-75
0880

GEOLOGICAL SURVEY
OF
NORTHEASTERN LUZON
PHILIPPINES
(PHASE I)
TECTONIC MAP
LOCATION INDEX

SCALE 1:100,000

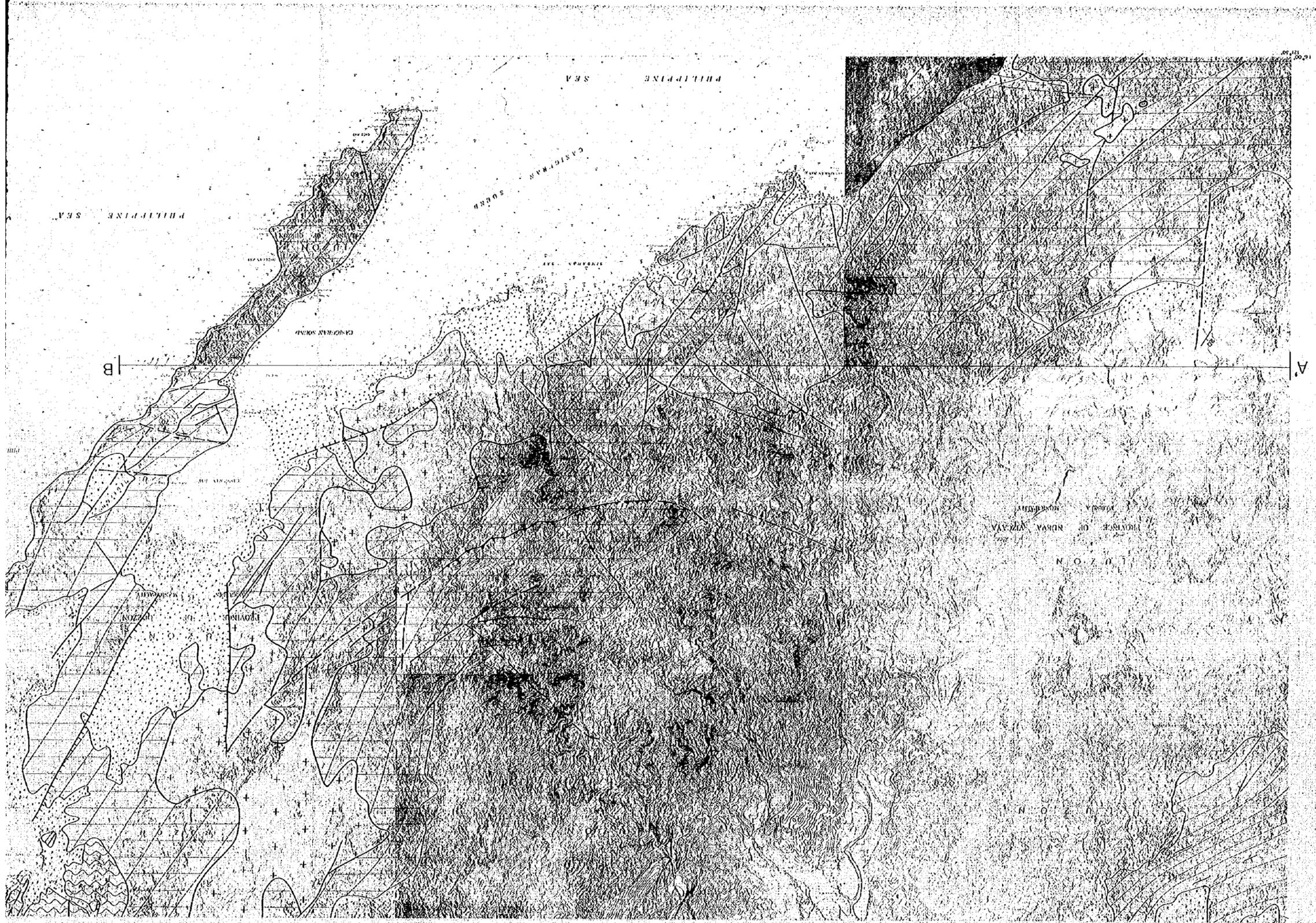
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
October 1975

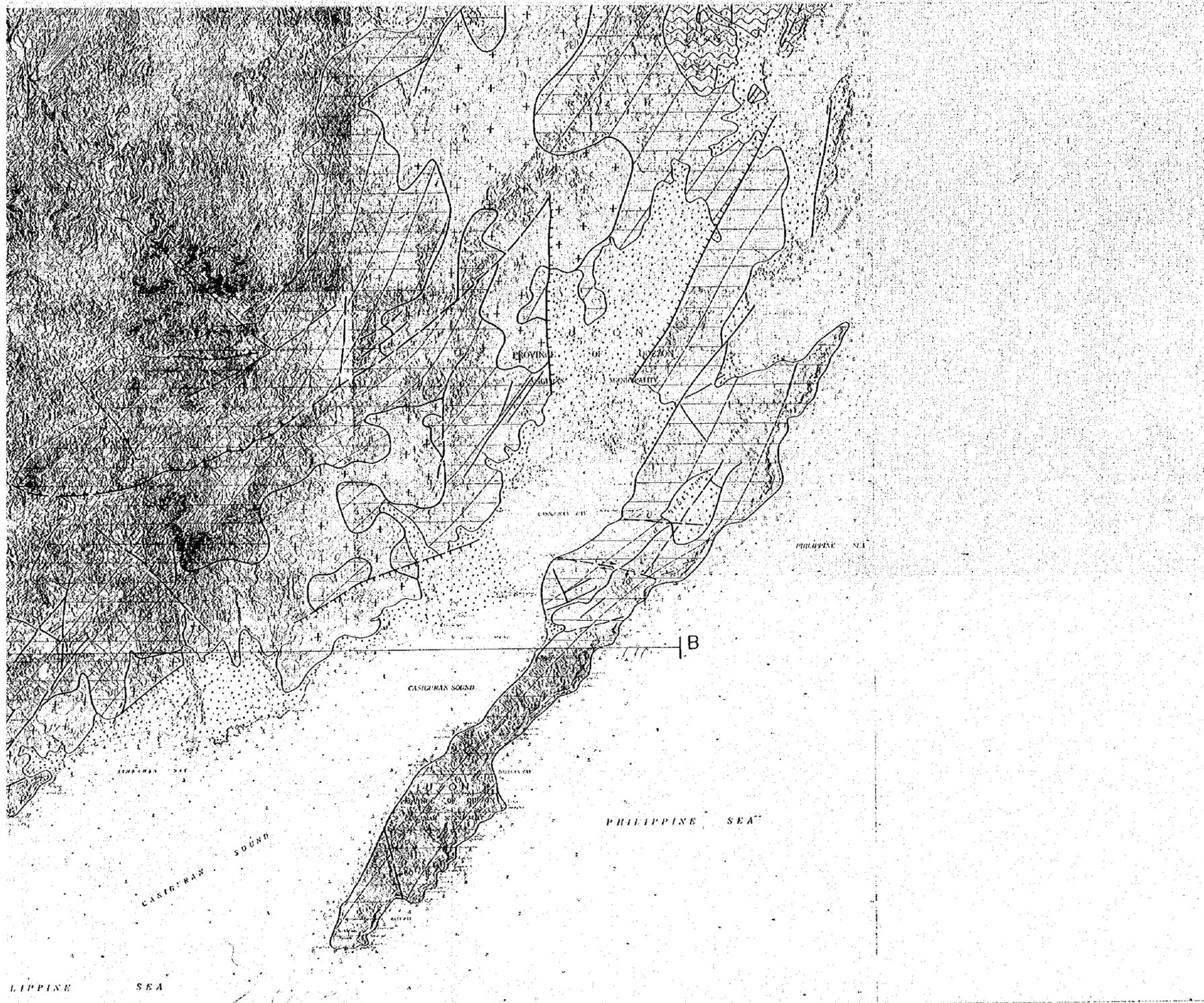
Prepared by Doshima Exploration Co., Ltd.

LEGEND

	Younger F.		Ultra basic rocks
	Caraballo G. III		Dioritic rocks
	C.G. II		Synclinal & anticlinal axes
	C.G. I		Fault - Thrust
	Basement Complex		

— strike line

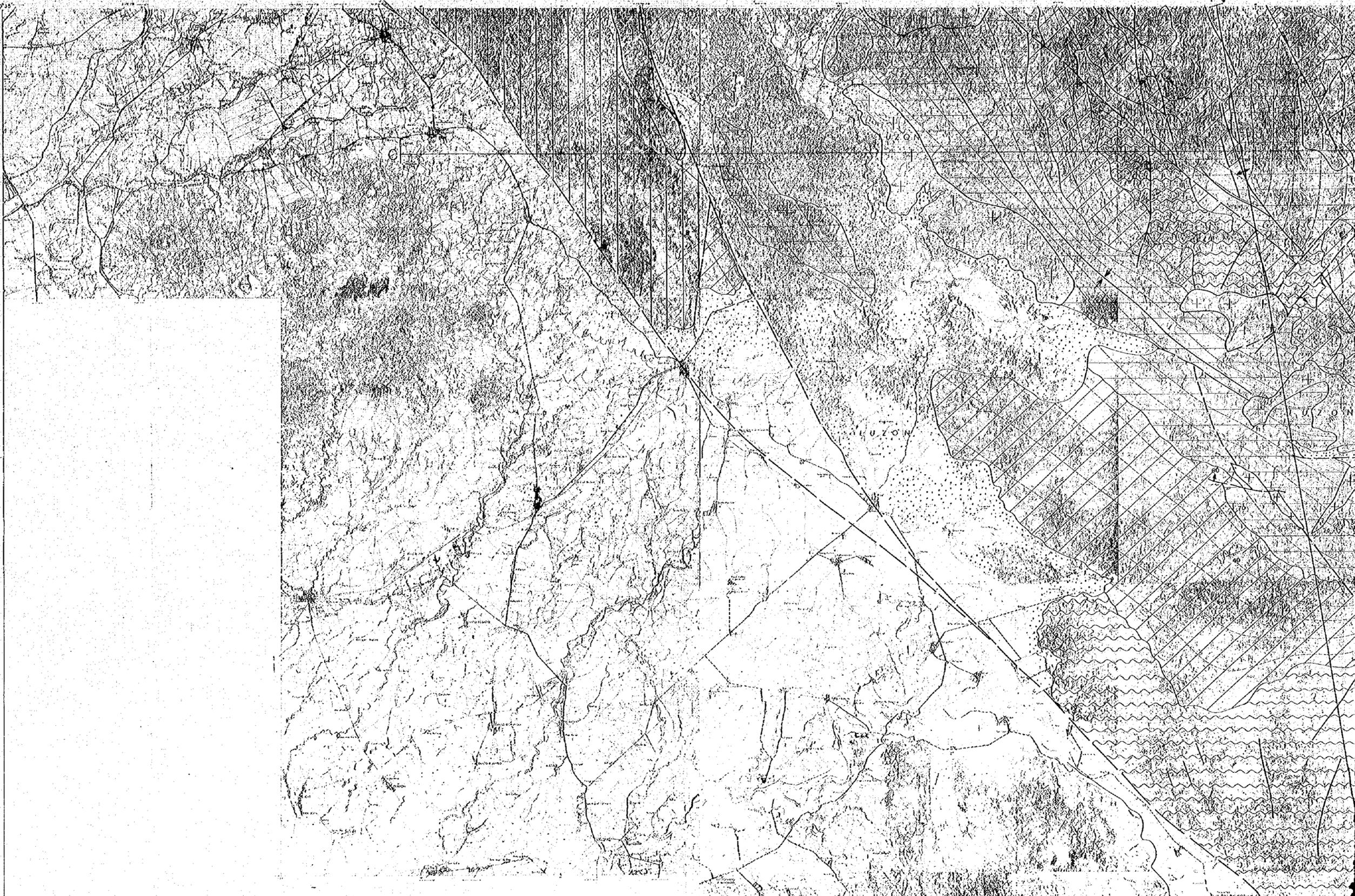


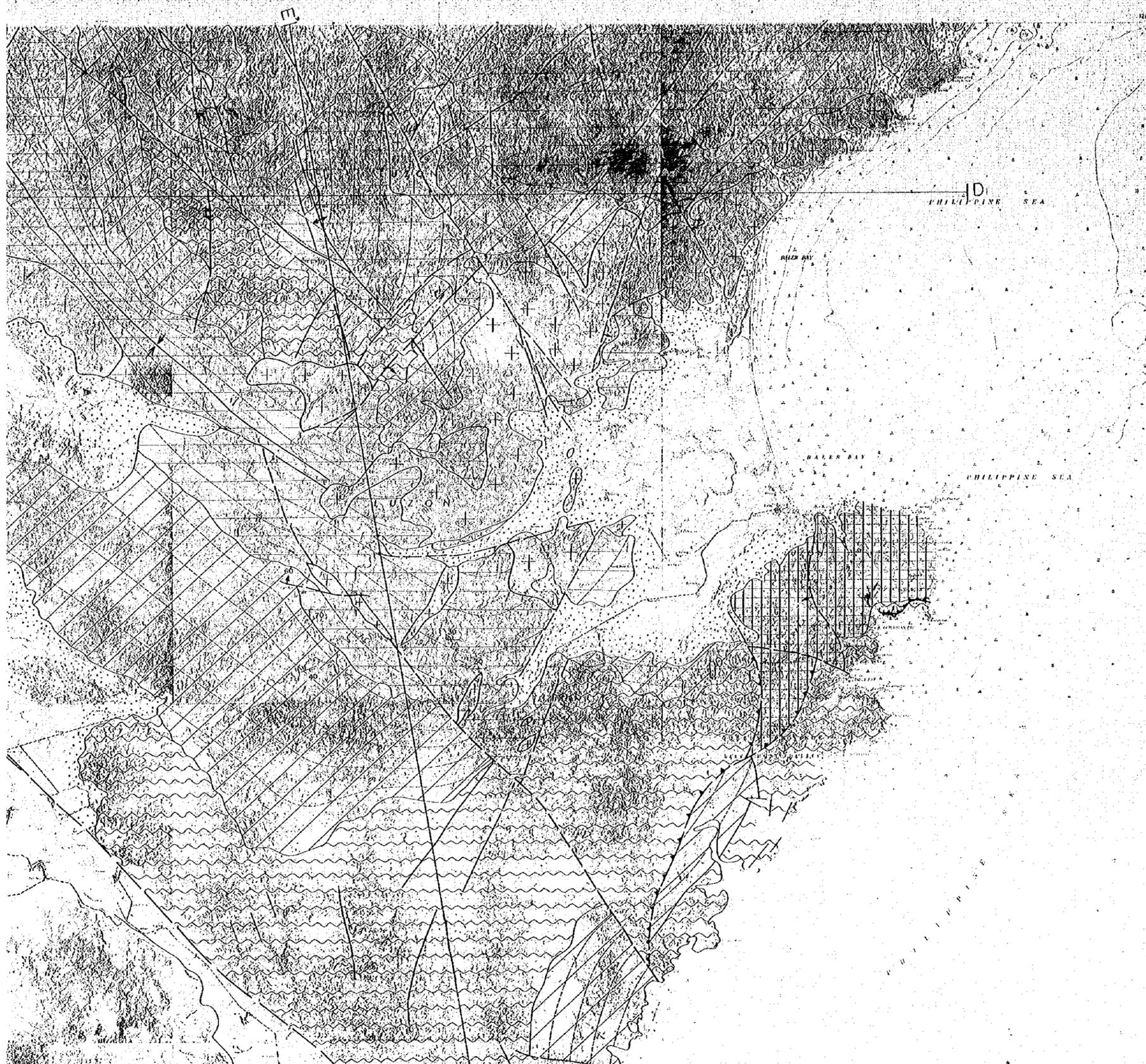


LEGEND

	Younger F.		Ultra basic rocks
	Caraballo G. II		Dioritic rocks
	C. G. II		Synclinal & anticlinal axes
	C. G. I		Fault, Thrust
	Basement Complex		strike line

16° 00'
122° 25'





PL. I-9-3

GEOLOGICAL SURVEY
OF
NORTHEASTERN LUZON
PHILIPPINES
(PHASE I)

TECTONIC MAP

LOCATION INDEX

SCALE 1 : 100,000

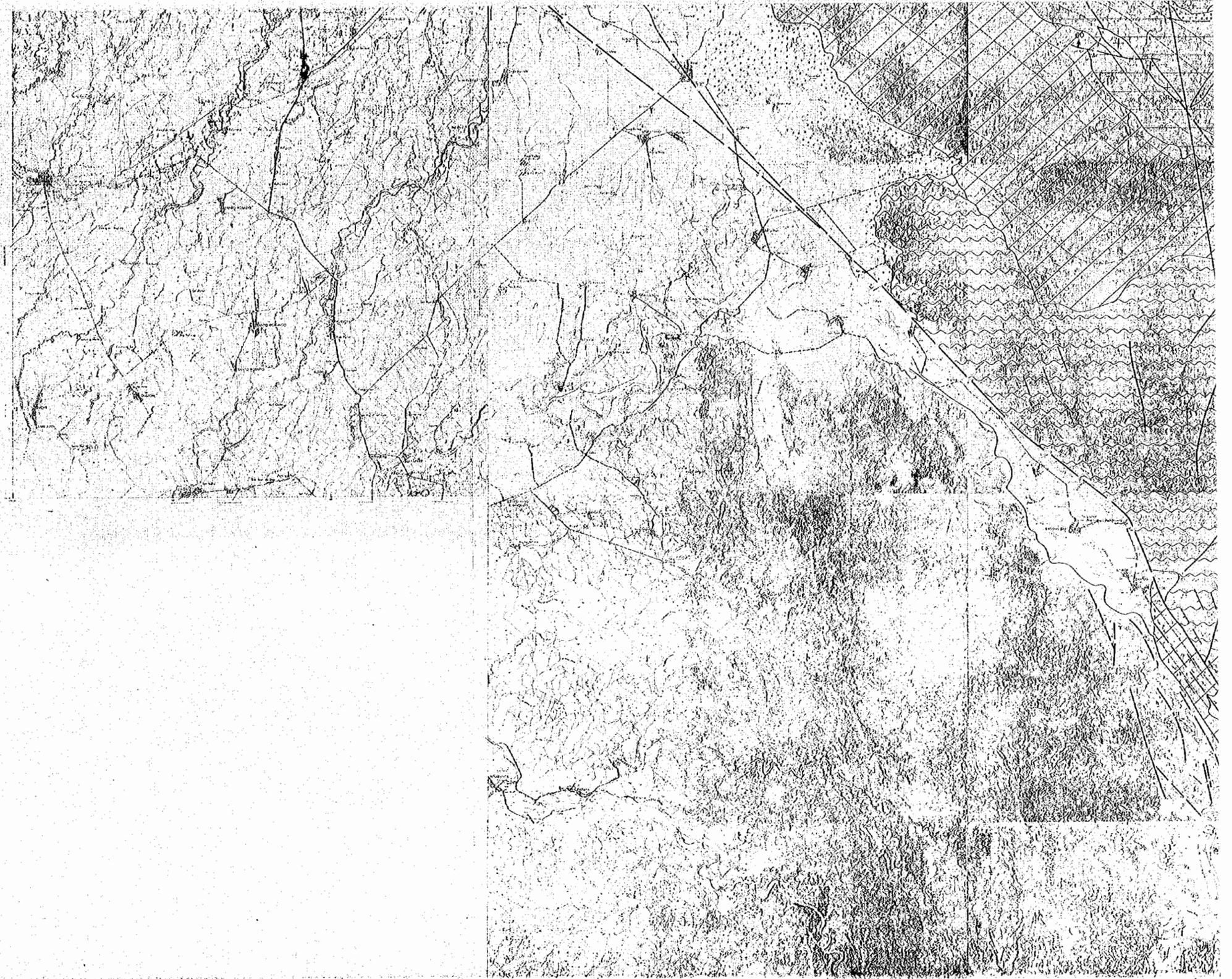
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JAPAN INTERNATIONAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
October 1975

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LEGEND

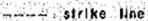
	Younger F.		Ultrabasic rocks
	Caraballo G. III		Dioritic rocks
	C. G. II		Synclinal & anticlinal axes
	C. G. I		Fault, Thrust
	Basement Complex		

- - - - - strike line

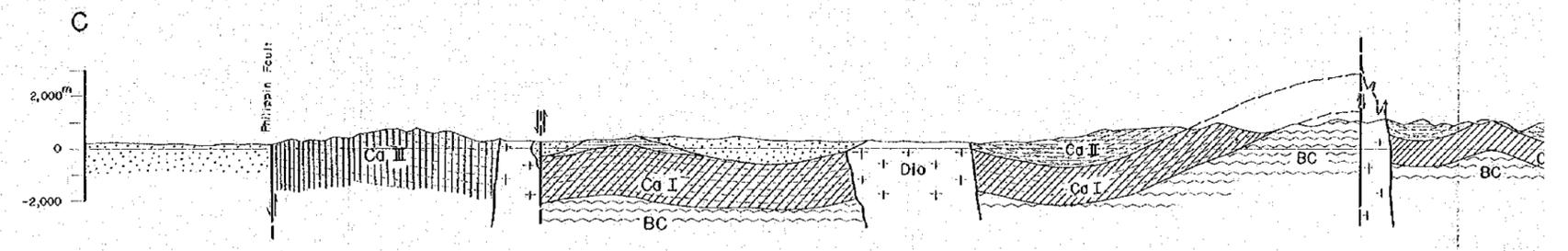




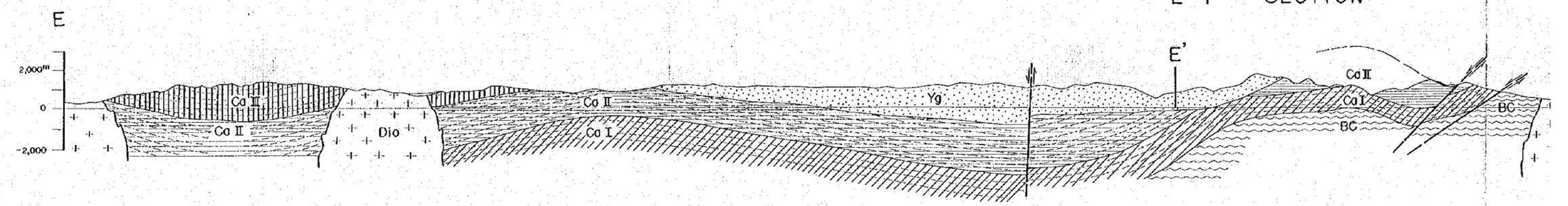
LEGEND

- | | | | |
|---|------------------|---|-----------------------------|
|  | Younger F. |  | Ultra basic rocks |
|  | Caraballo G. II |  | Dioritic rocks |
|  | C. G. II |  | Synclinal & anticlinal axes |
|  | C. G. I |  | Fault, Thrust |
|  | Basement Complex |  | strike line |

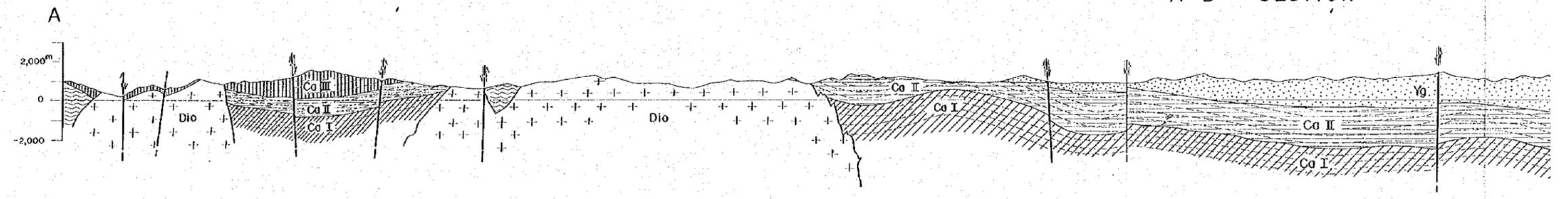
C-D SECTION



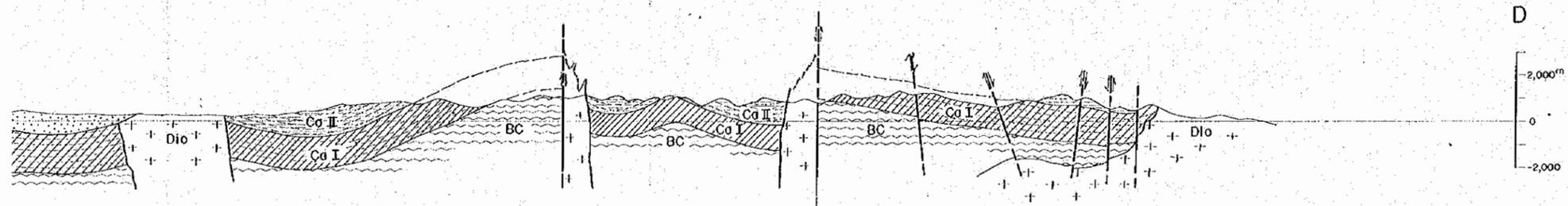
E-F SECTION



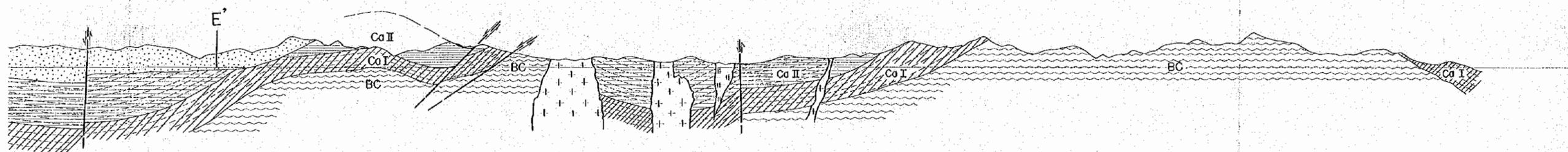
A-B SECTION



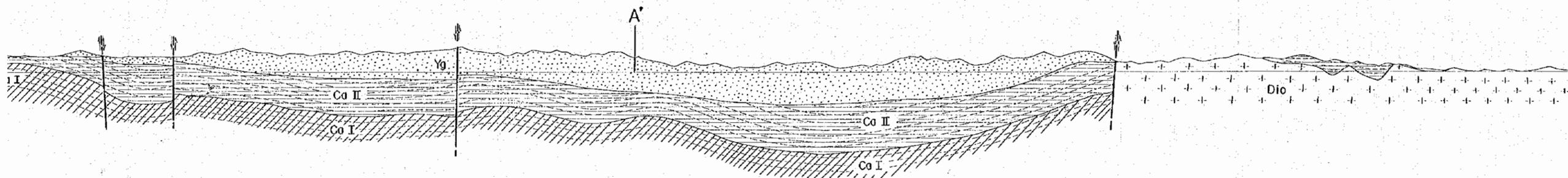
C-D SECTION



E-F SECTION



A-B SECTION



PL. I-10
08853
88元行-48

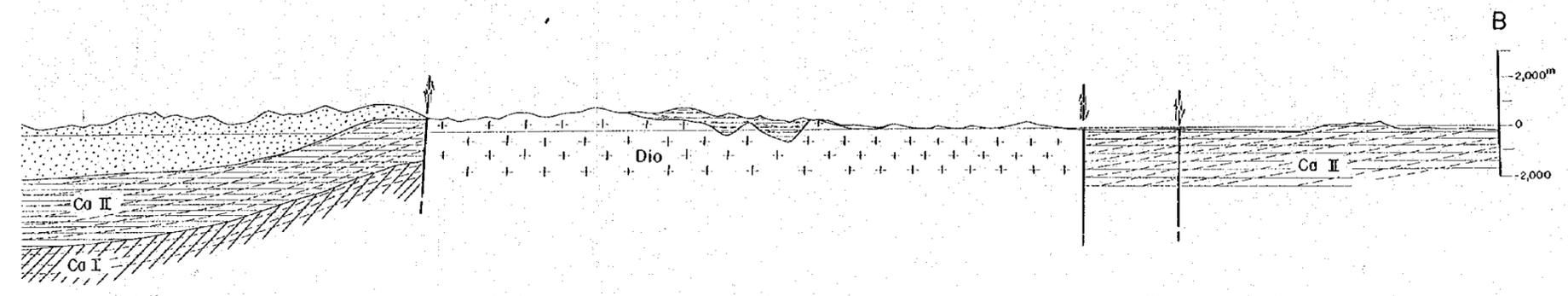
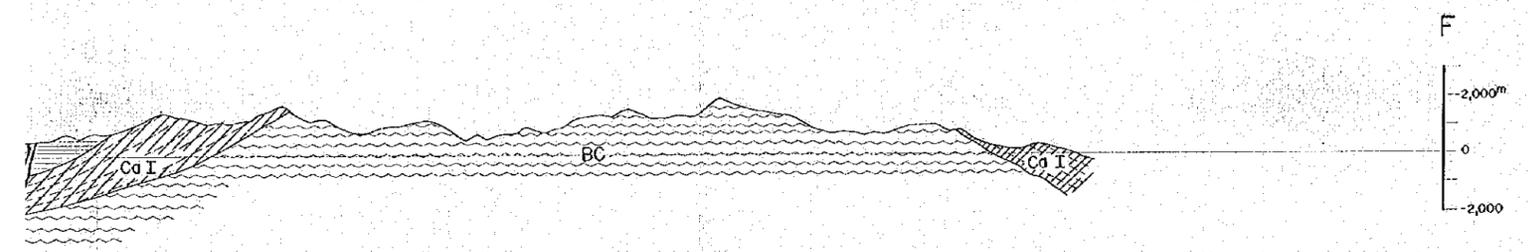
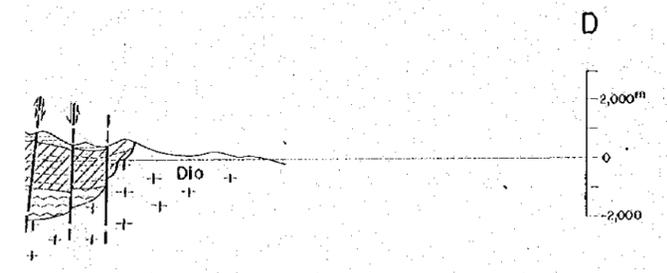
GEOLOGICAL SURVEY
OF
NORTHEASTERN LUZON
PHILIPPINES
(PHASE I)

TECTONIC PROFILE

SCALE 1 : 100,000

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
October 1975

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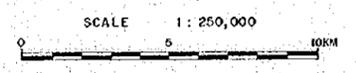
LEGEND

- | | | | |
|--|------------------|--|-------------------|
| | Younger F. | | Ultra basic rocks |
| | Coroballo G. III | | Dioritic rocks |
| | C. G. II | | |
| | C. G. I | | |
| | Basement Complex | | |



GEOLOGICAL SURVEY
OF
NORTHEASTERN LUZON
PHILIPPINES
(PHASE I)

GEOCHEMICAL ANOMALIES
OF
STREAM SEDIMENTS



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
October 1975

Prepared by Bishmetal Exploration Co., Ltd.



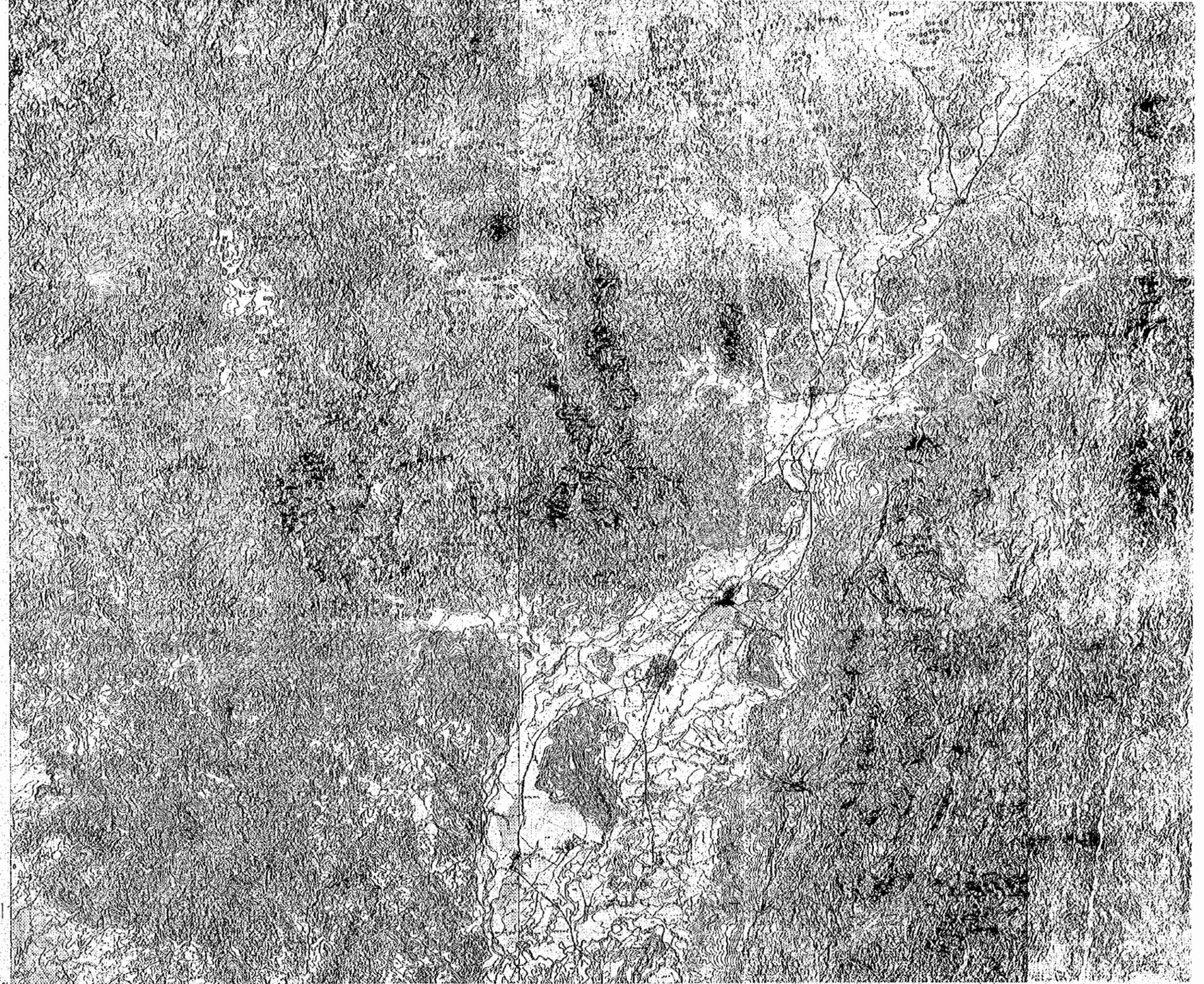
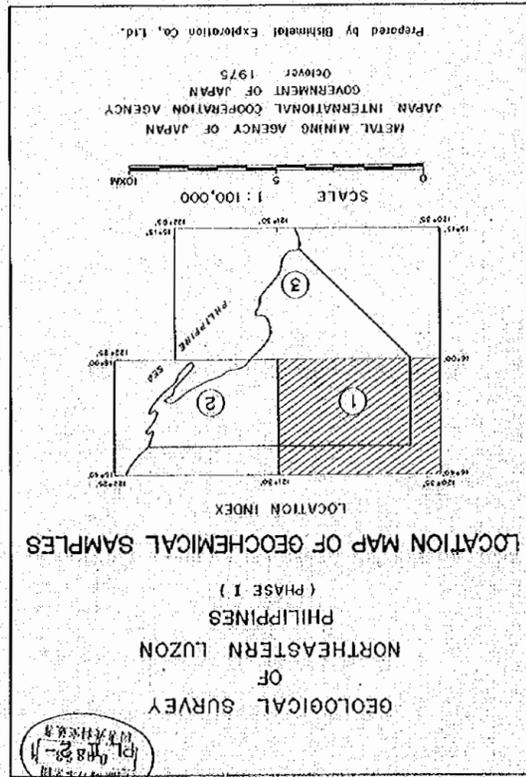
LEGEND

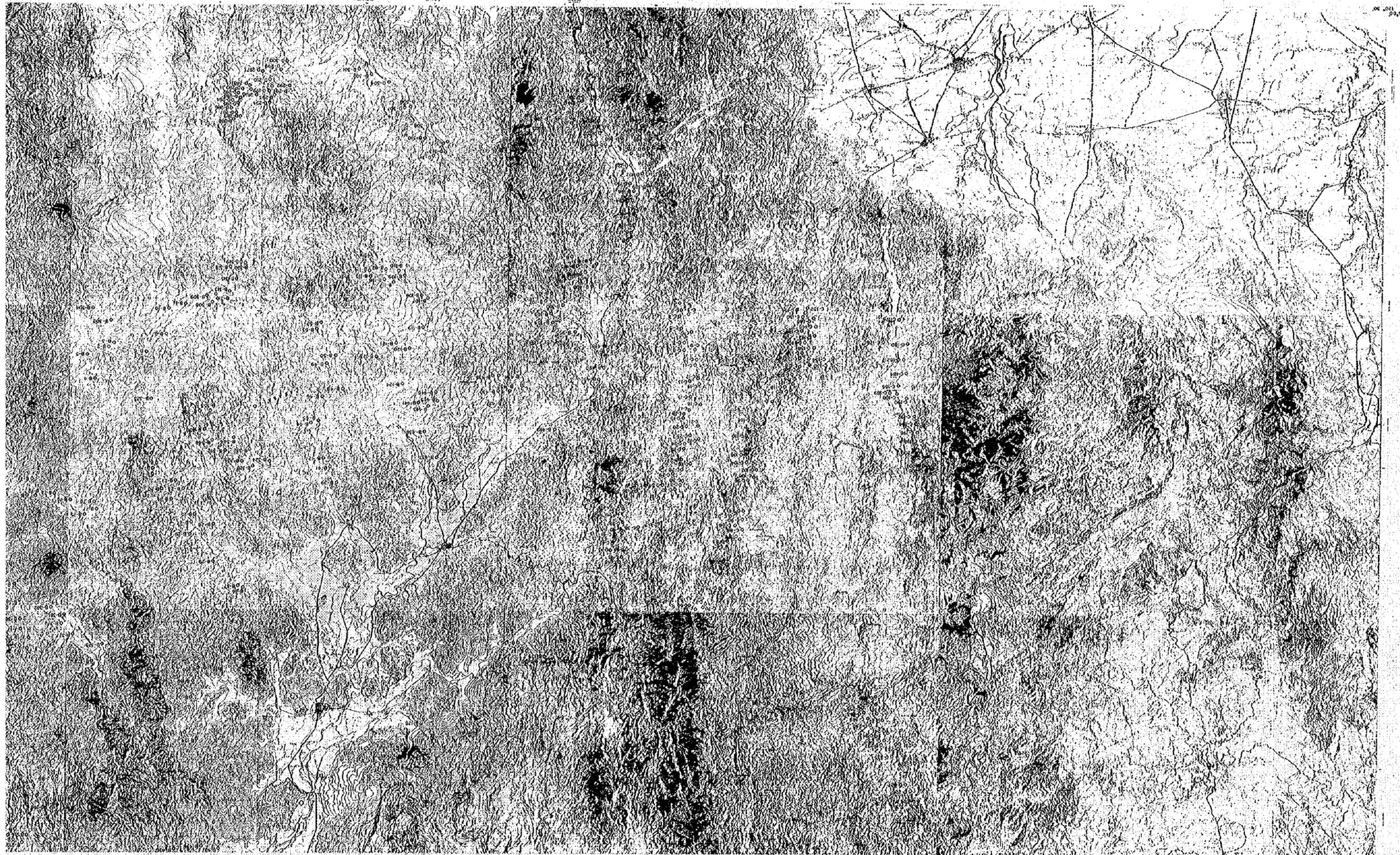
- Eliminated area
- Survey route on foot
- Survey route by car
- Survey route by boat

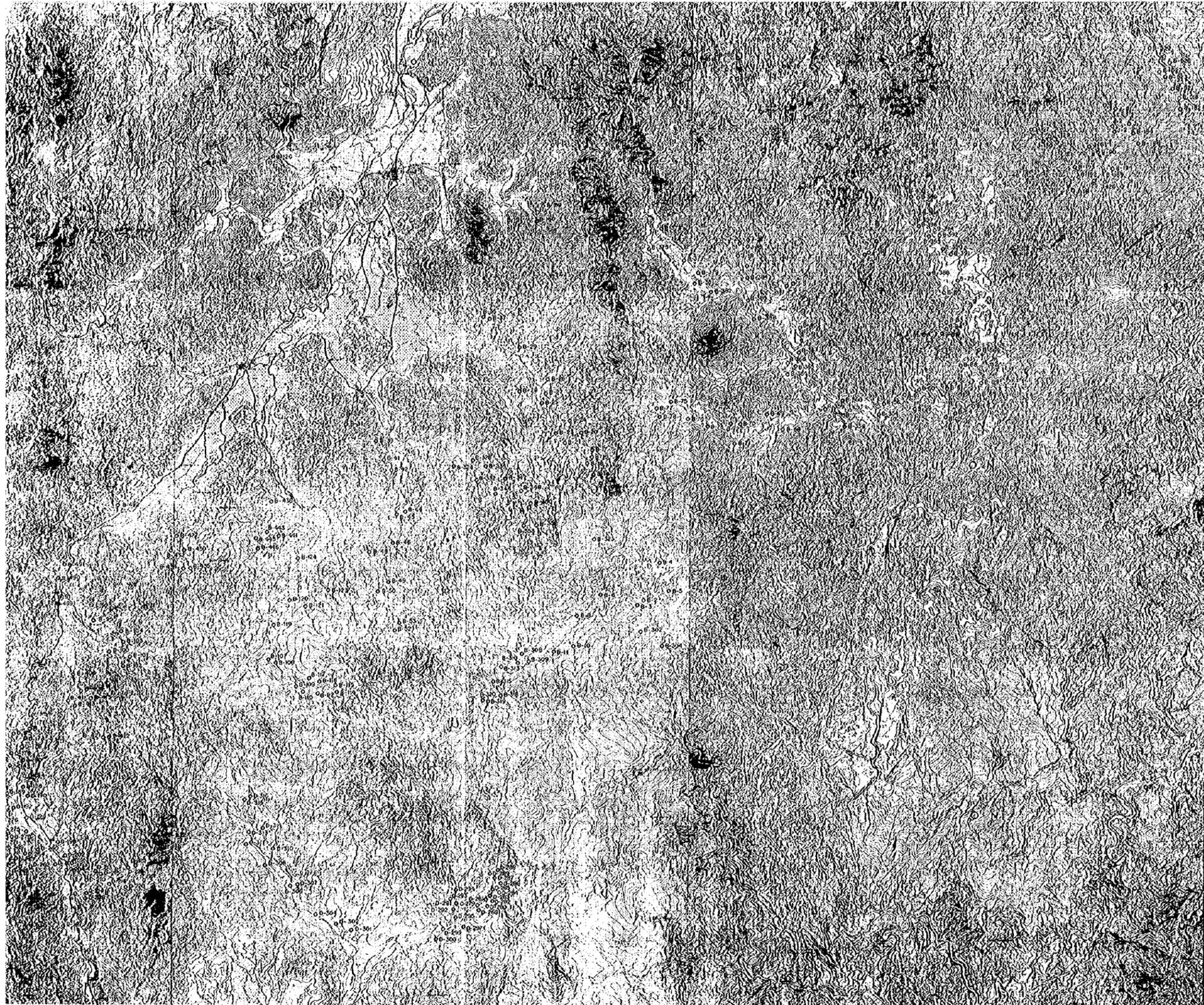
Geochemical symbols

	Cu ppm	Zn ppm	Mo ppm
○	112 <	225 <	2 <
□	175 <	450 <	5 <
△	350 <	900 <	10 <

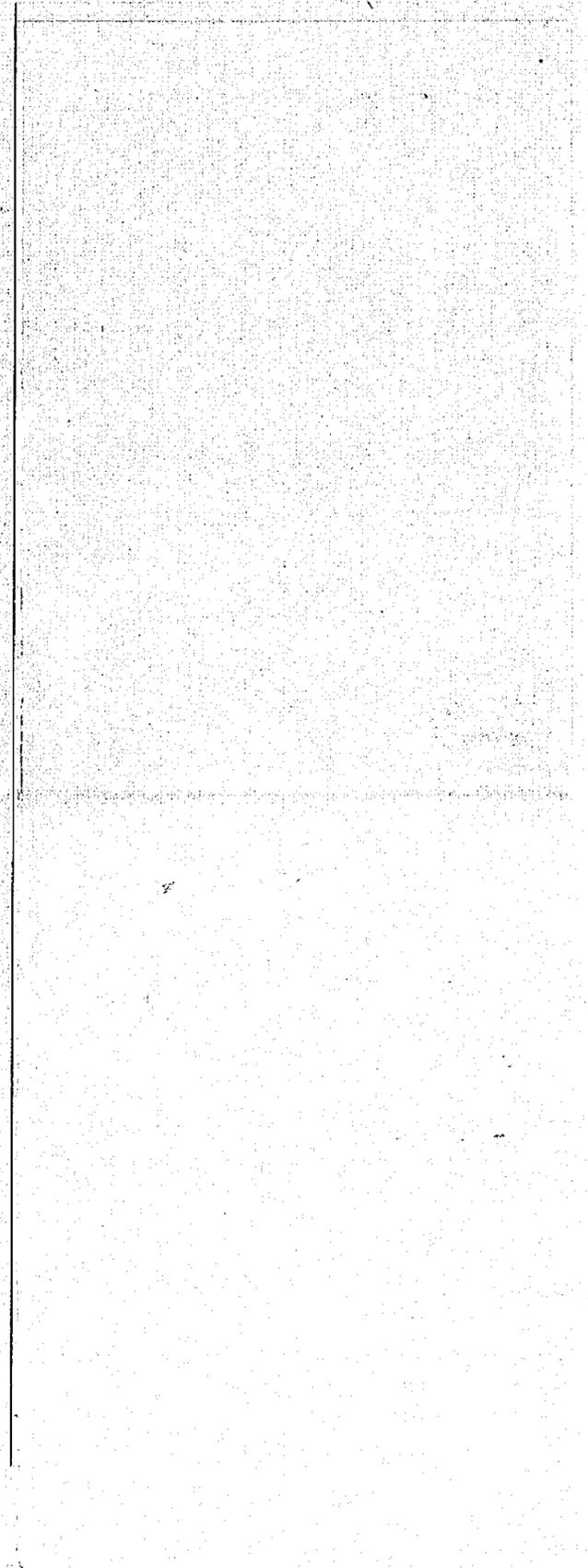




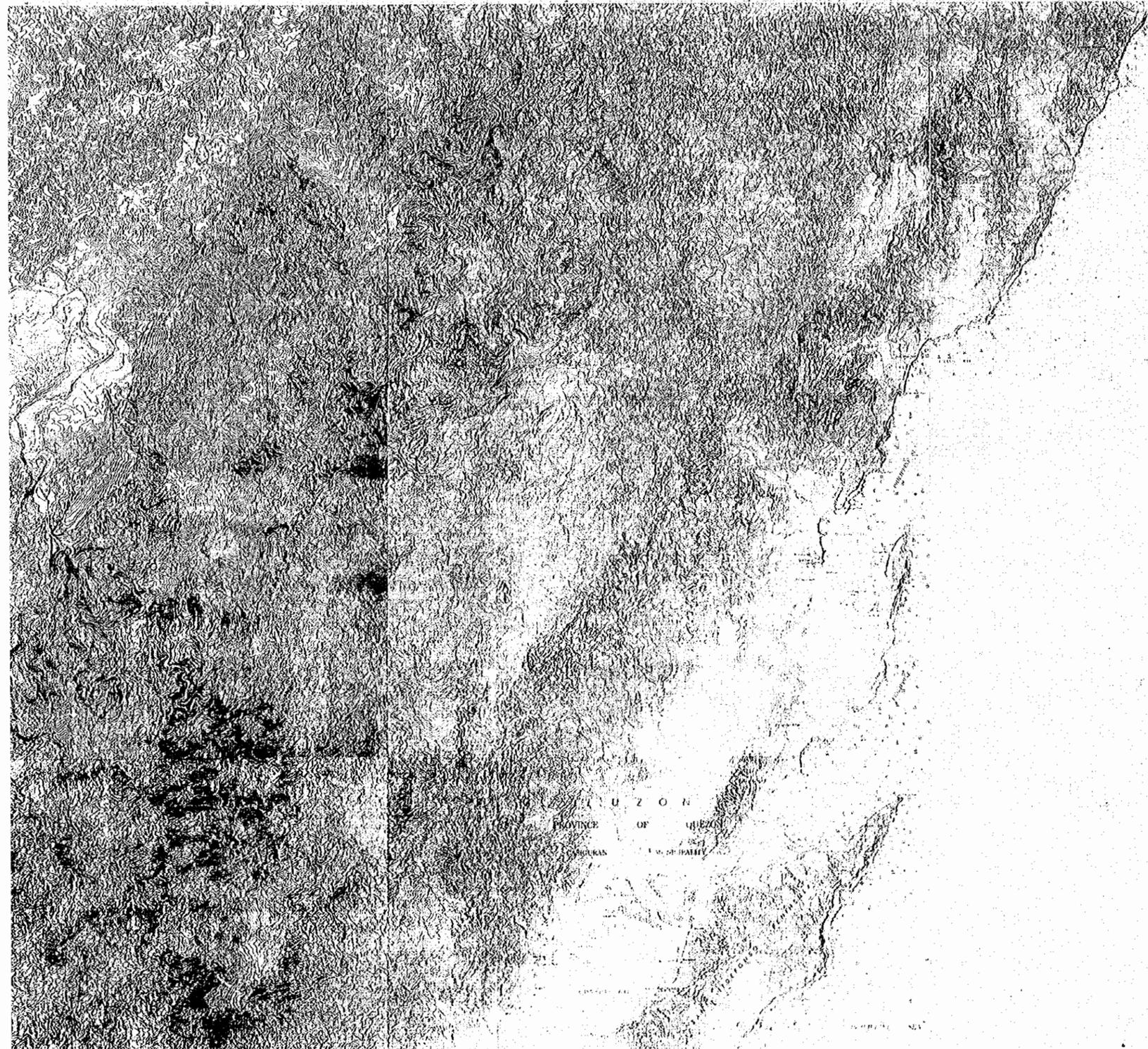




16° 00'
101° 30'







PHILIPPINES

105.117-105.119
 16.117-16.119
 105.117-105.119
 16.117-16.119

**GEOLOGICAL SURVEY
 OF
 NORTHEASTERN LUZON
 PHILIPPINES
 (PHASE I)**

LOCATION MAP OF GEOCHEMICAL SAMPLES

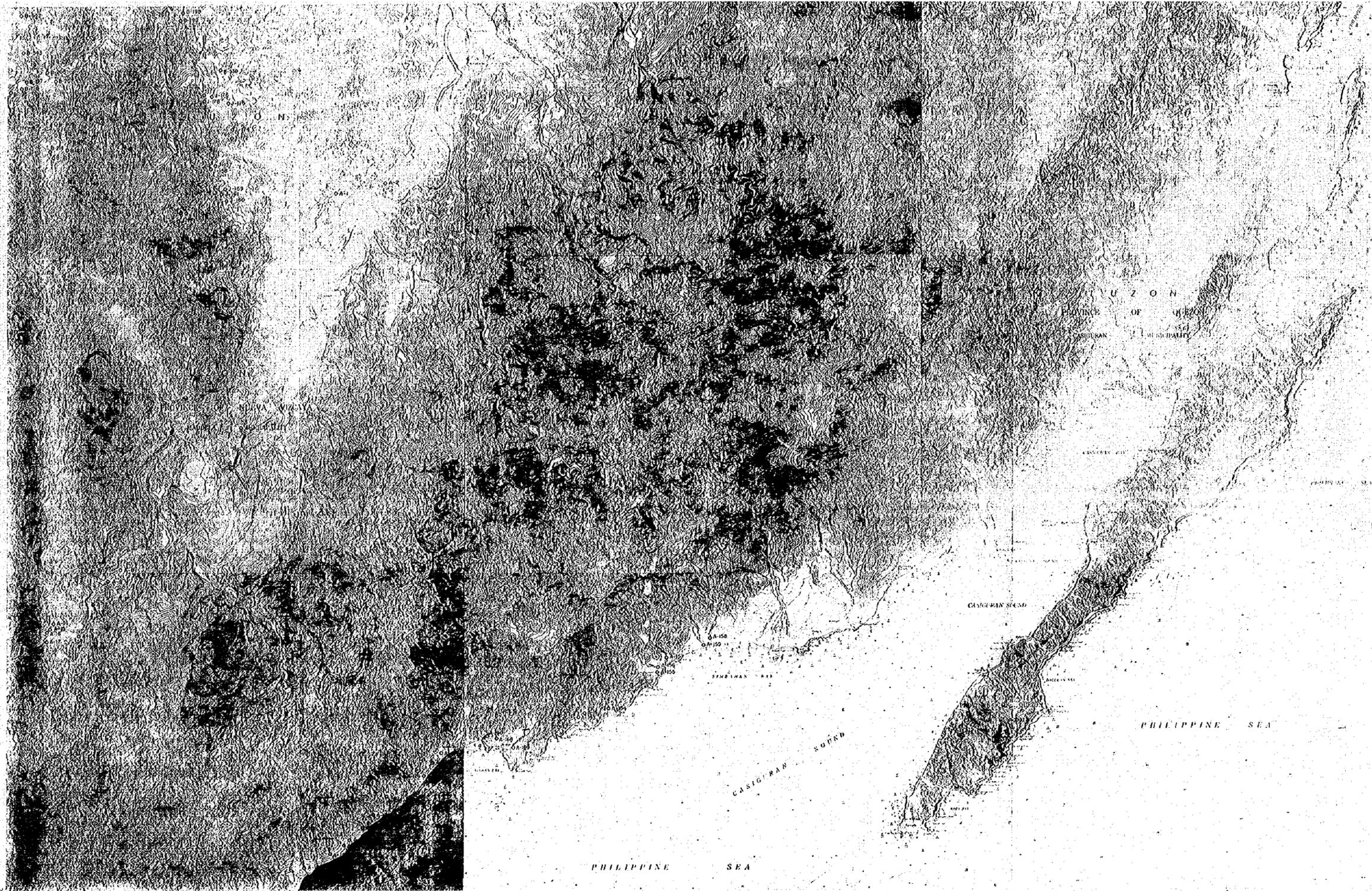
LOCATION INDEX

The location index map shows the outline of the Philippines. Three specific areas are highlighted: Area 1 is a rectangular region in the northern part of Luzon; Area 2 is a rectangular region in the northeastern part of Luzon, shaded with diagonal lines; Area 3 is a triangular region in the southern part of Luzon. The map includes latitude and longitude coordinates: 16°15'N, 16°00'N, 15°45'N, 120°00'W, 121°00'W, 122°00'W, 123°00'W, 124°00'W, 125°00'W.

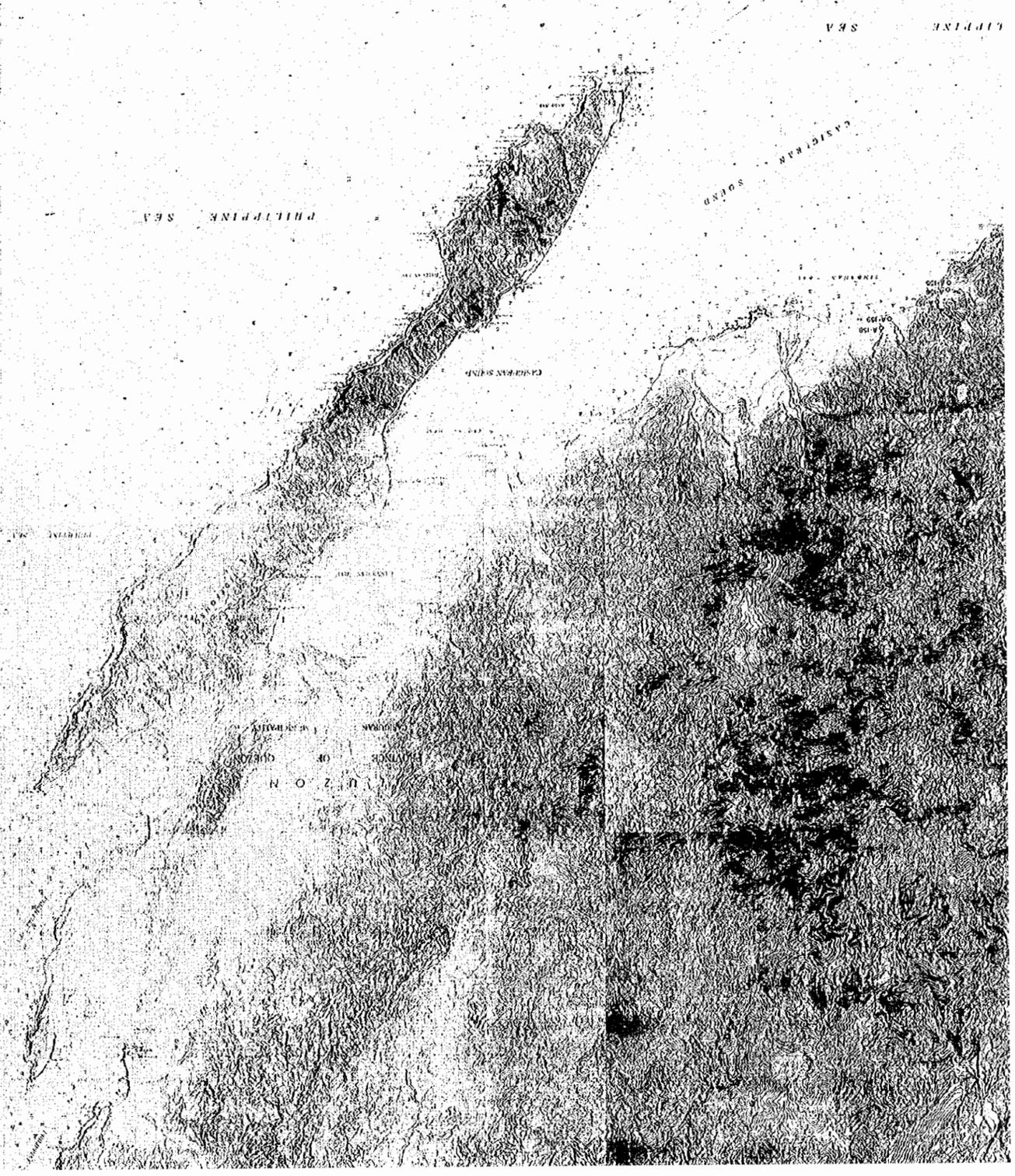
SCALE 1:100,000

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 JAPAN INTERNATIONAL COOPERATION AGENCY
 GOVERNMENT OF JAPAN
 October 1975

Prepared by Bishimetal Exploration Co., Ltd.



160 161

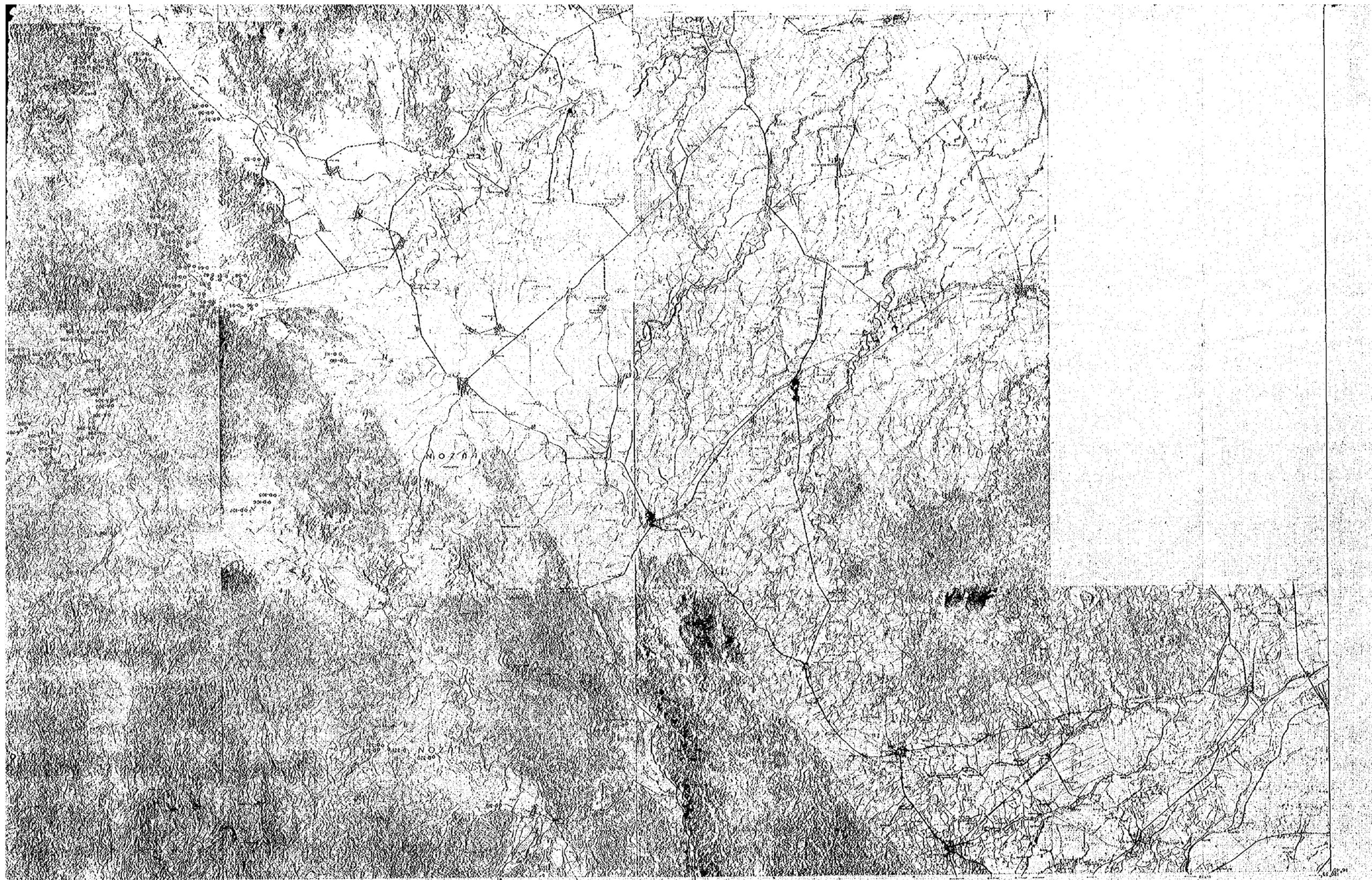


PHILIPPINE SEA

LUPAT SEA

CASIGUANA SOUND

U.S. ZONE OF INTEREST

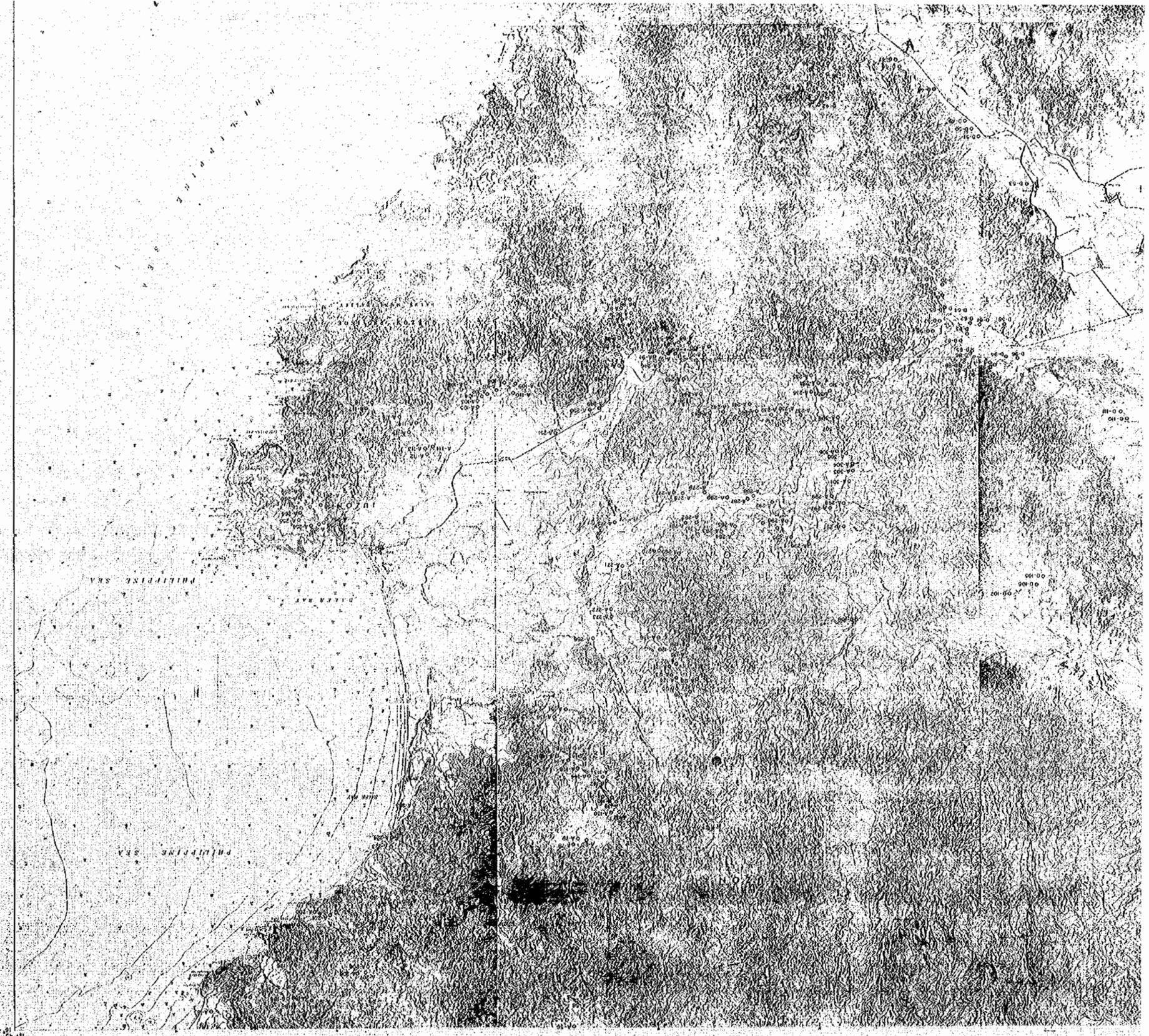


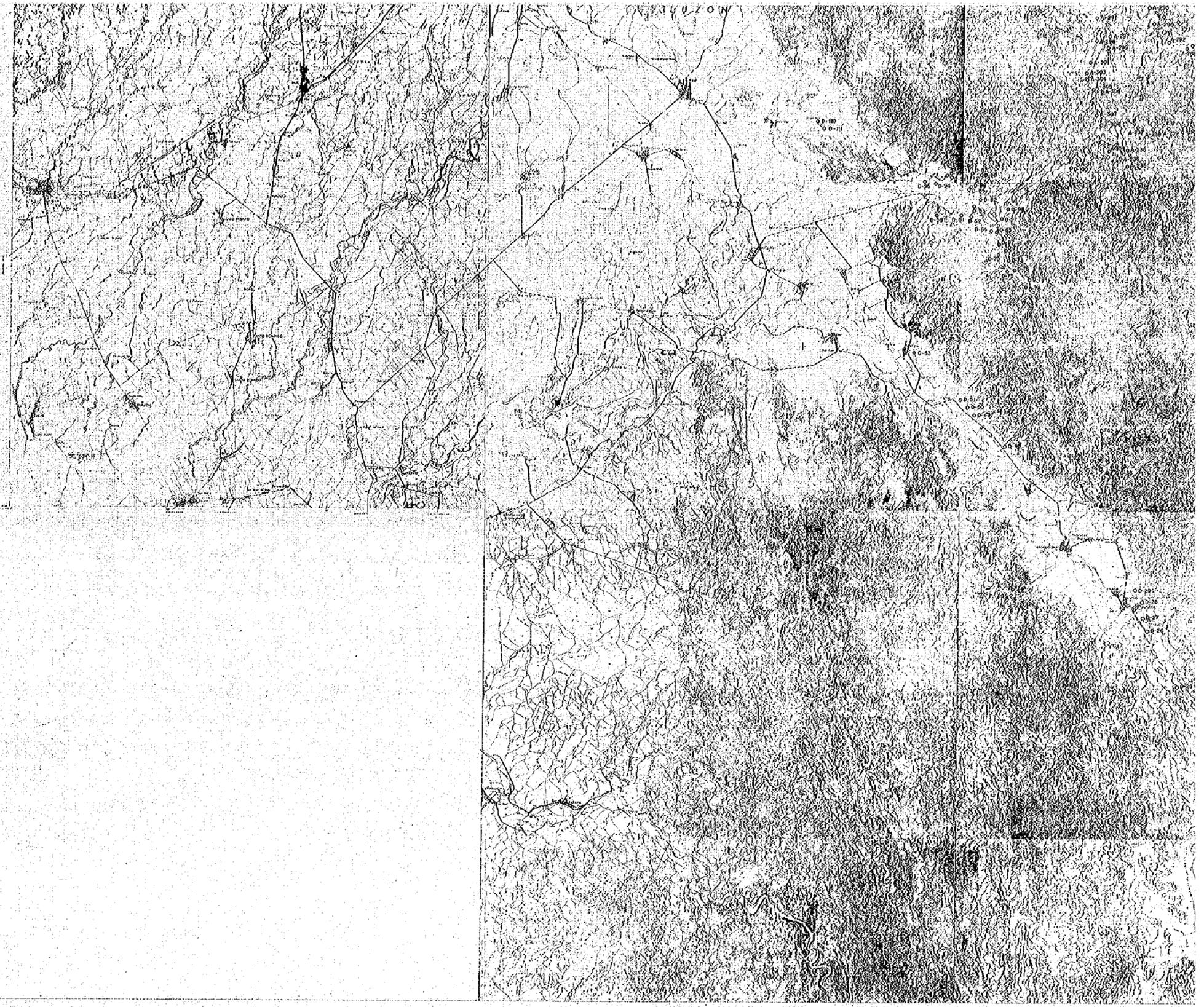
GEOLOGICAL SURVEY
 OF
 NORTHEASTERN LUZON
 PHILIPPINES
 (PHASE I)
 LOCATION MAP OF GEOCHEMICAL SAMPLES
 LOCATION INDEX

SCALE 1:100,000
 0 5 10 KM

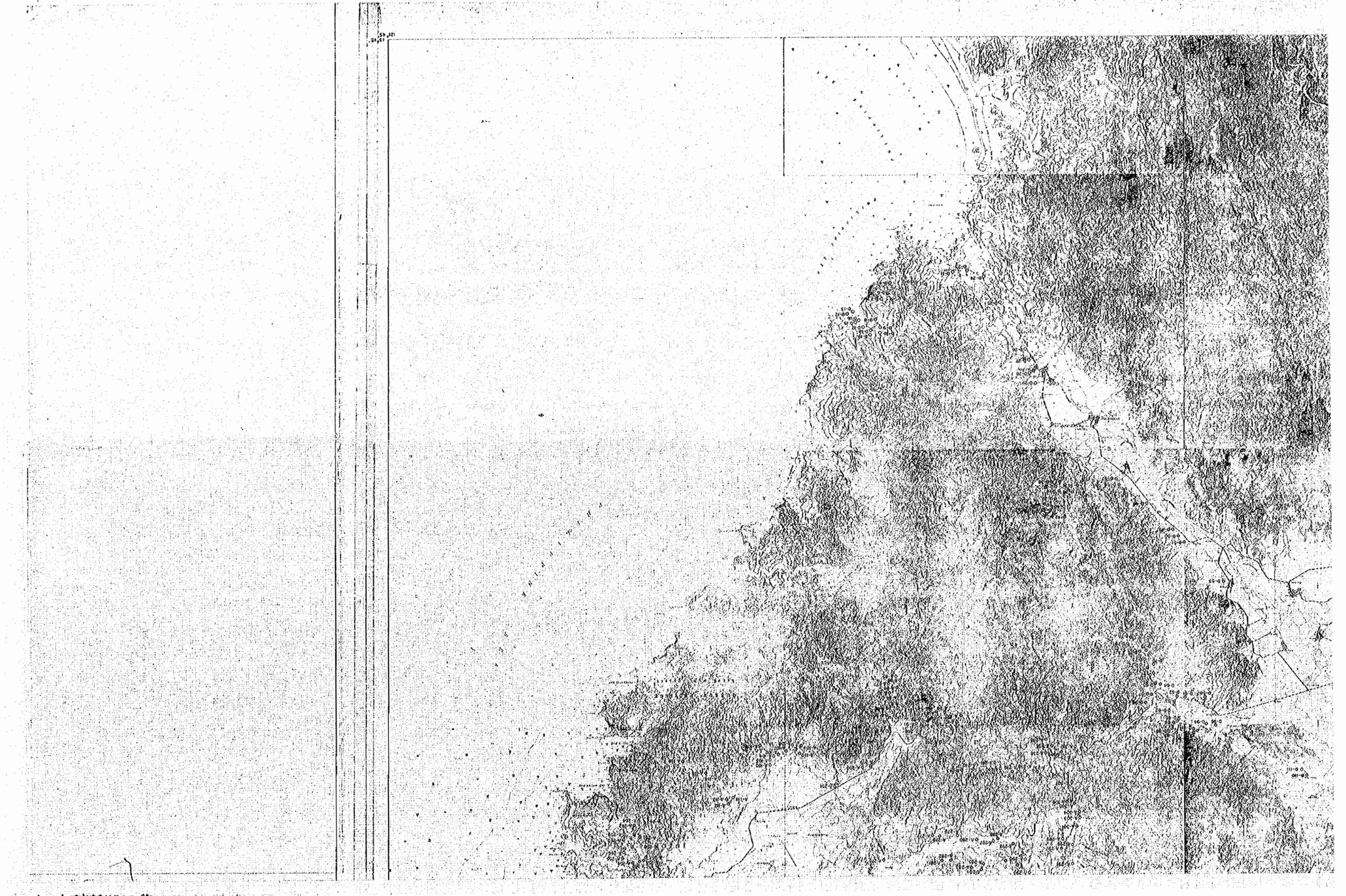
METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY
 GOVERNMENT OF JAPAN
 October 1973
 Prepared by Bishmetal Exploration Co., Ltd.

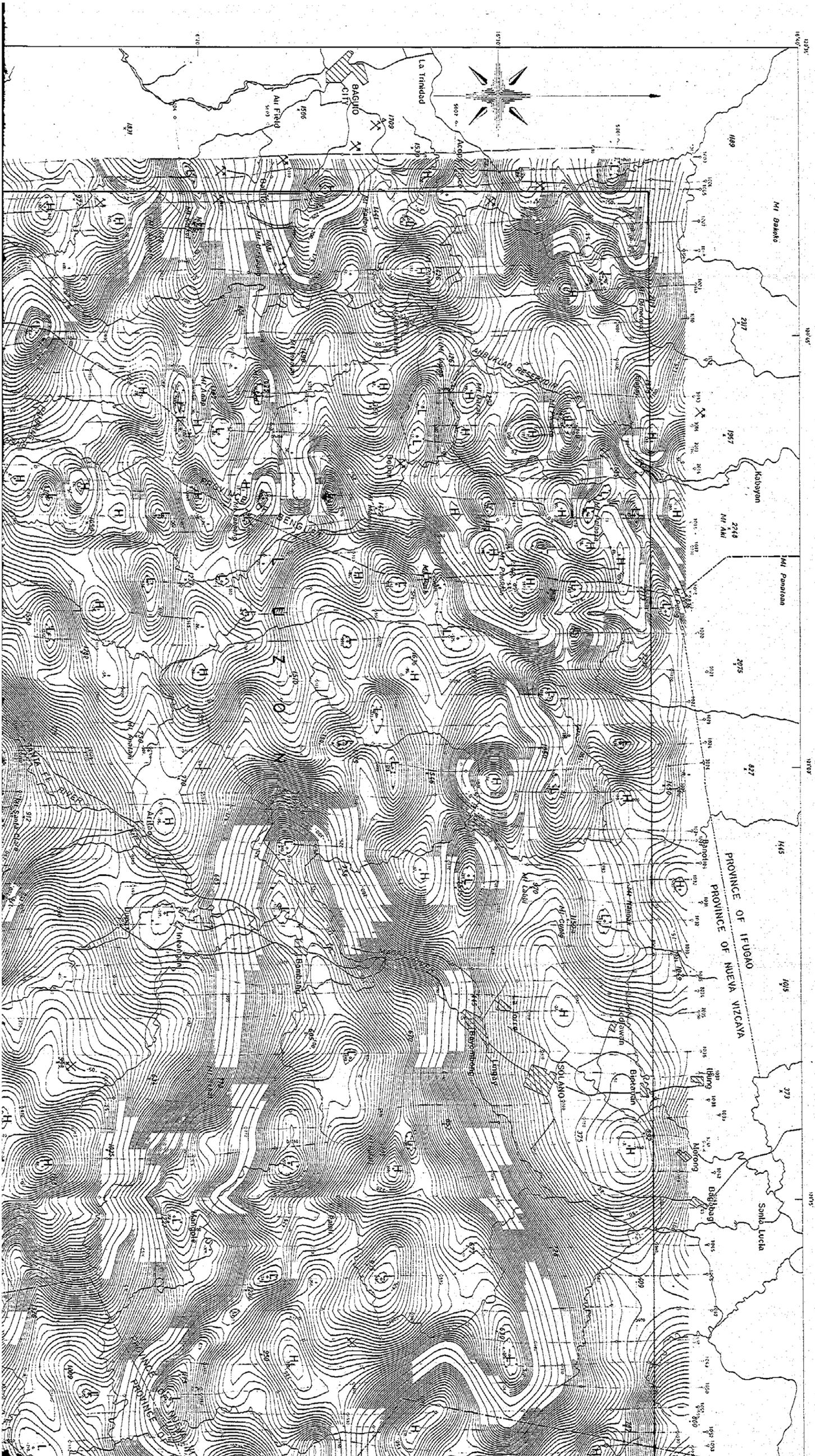
P. 0023
 10/73

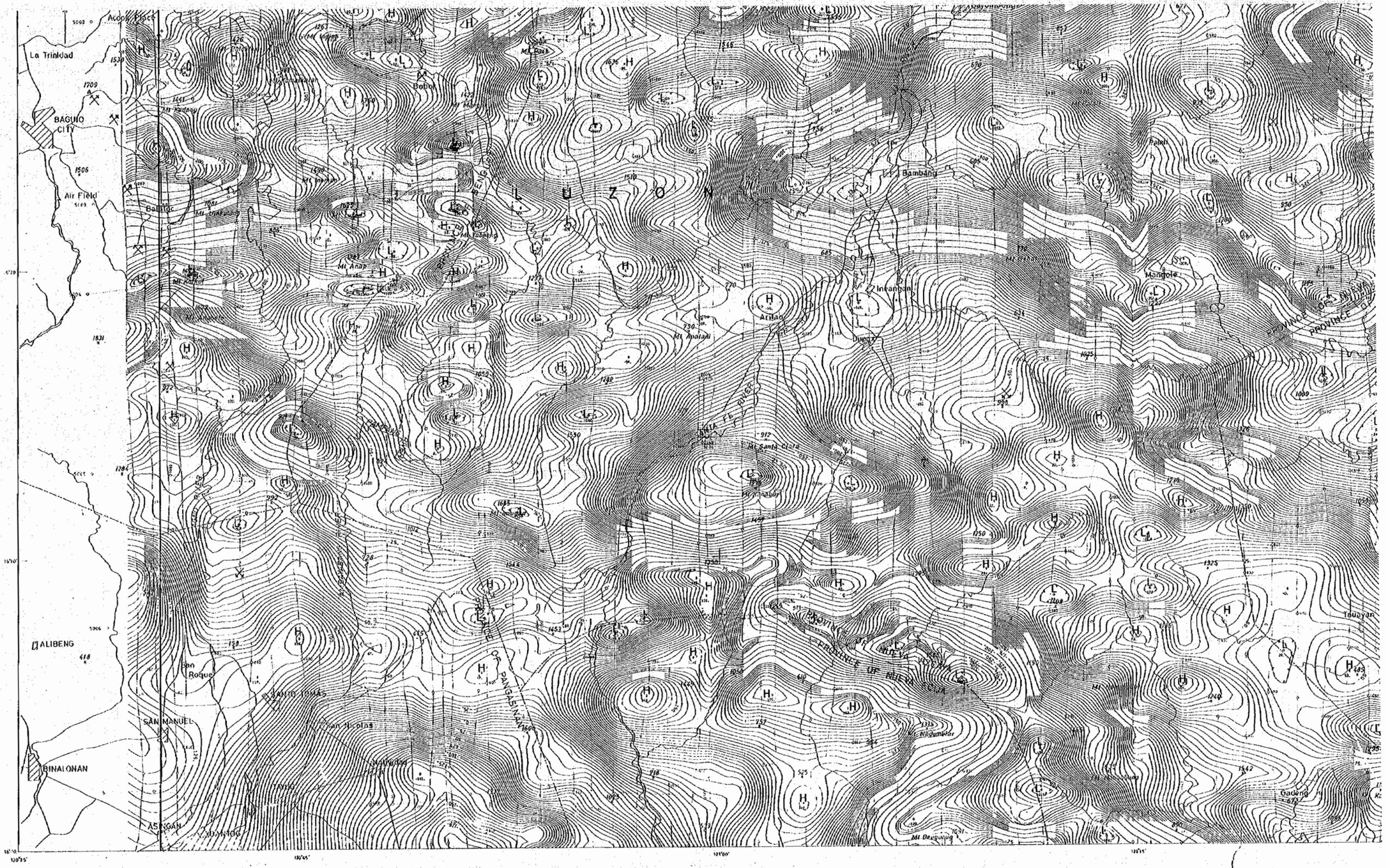




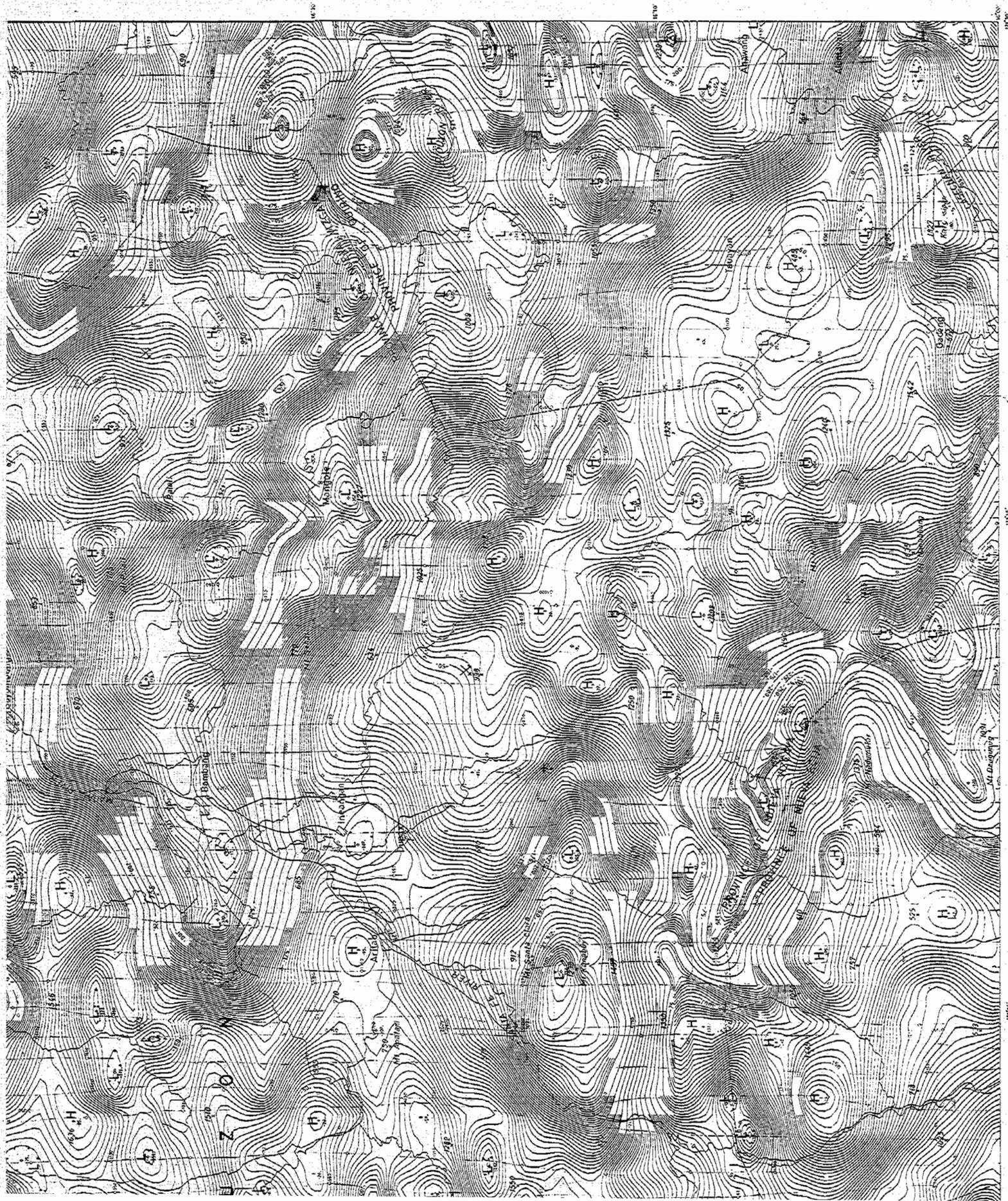
15° 15'
120° 30'







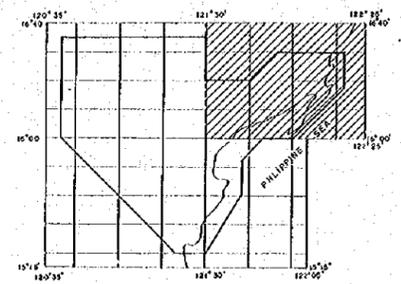
CONTOUR INTERVAL
 25 gammas
 5 gammas
 40,000 gammas
 2,000 M.A.S.L.
 TOTAL INTENSITY
 FLIGHT ALTITUDE
 FLIGHT LINE SPACING
 TRAVERSE 1,500 meters
 TIE 10,000 meters
 WORKING MINE X
 ABANDONED MINE X



17853

AIRBORNE MAGNETIC SURVEY
OF
NORTHEASTERN LUZON
PHILIPPINES
RESIDUAL MAP

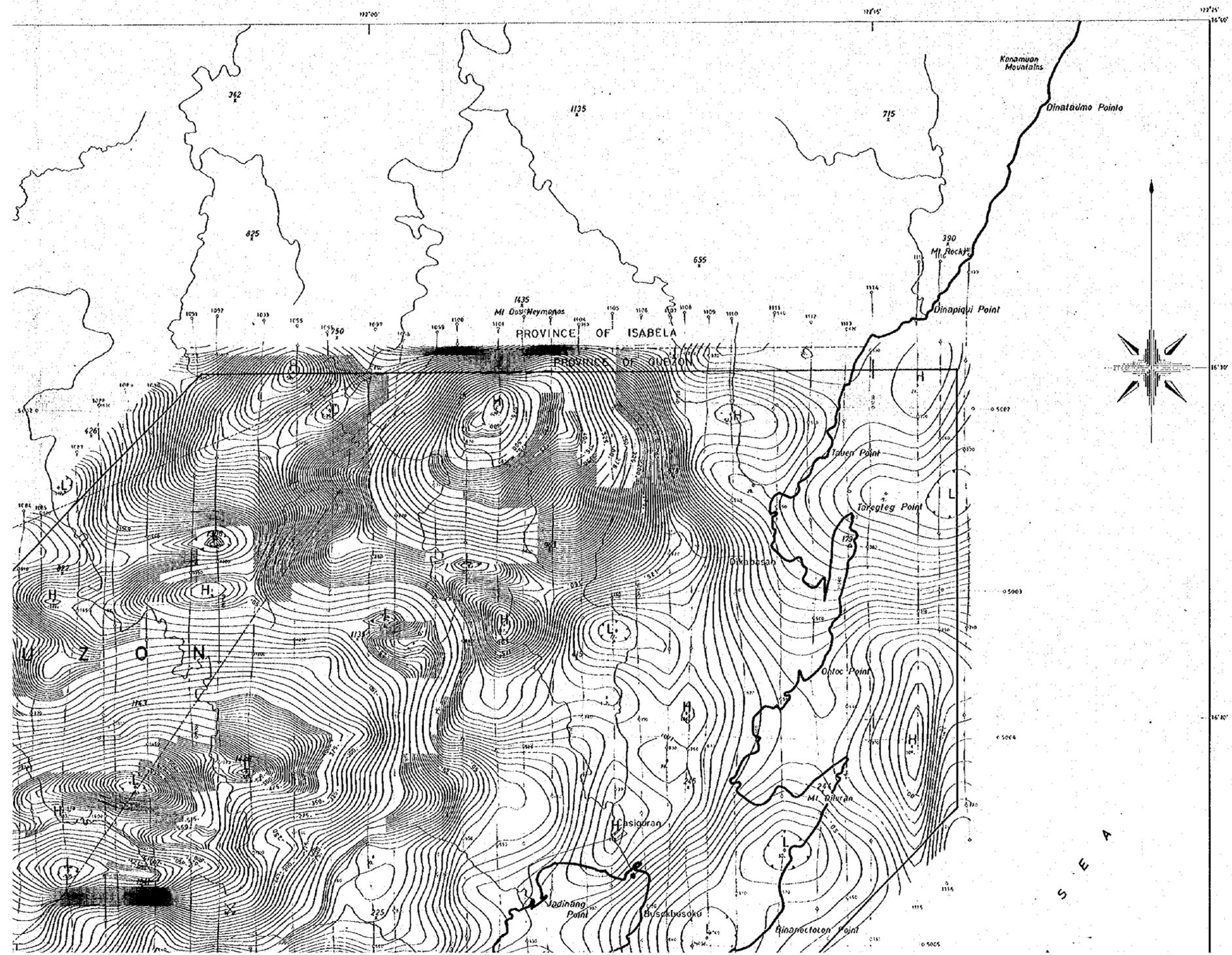
LOCATION INDEX



SCALE 1 : 100,000

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY
GOVERNMENT OF JAPAN
January - March 1975

Prepared by Bishimetal Exploration Co., Ltd.



- CONTOUR INTERVAL
- ~ 25 gammas
 - ~ 5 gammas
- TOTAL INTENSITY 40,000 gammas
- FLIGHT ALTITUDE 2,000 M.A.S.L.
- FLIGHT LINE SPACING
- TRAVERSE 1,500 meters
 - TIE 10,000 meters
- WORKING MINE X
- ABANDONED MINE X

S E A

