


PL. II-2

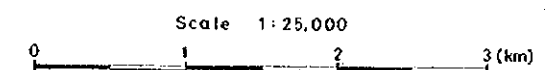
BRAZIL GEOLOGICAL SURVEY OF ANTA GORDA AREA PHASE II BOUGUER ANOMALY MAP ($\rho = 2.8$)



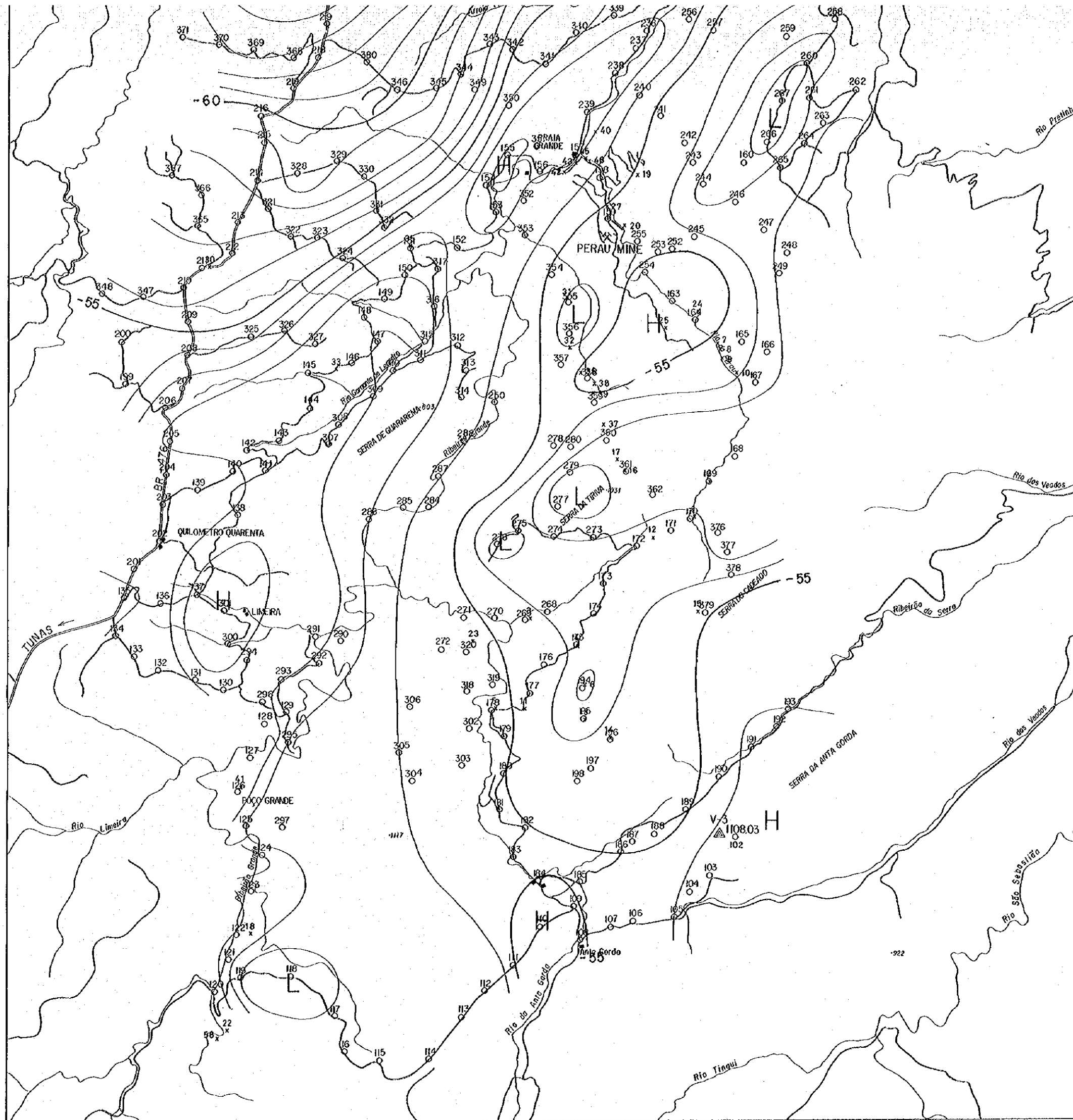
LOCATION INDEX

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
Prepared by Bishimetal Exploration Co., Ltd.

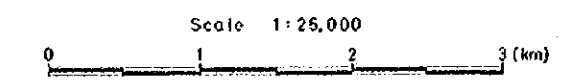


- LEGEND
- 1 mgal
 - 5 mgal
 - Gravity Observation Point and its Number
 - Sampling Location and No. of Rock Sample



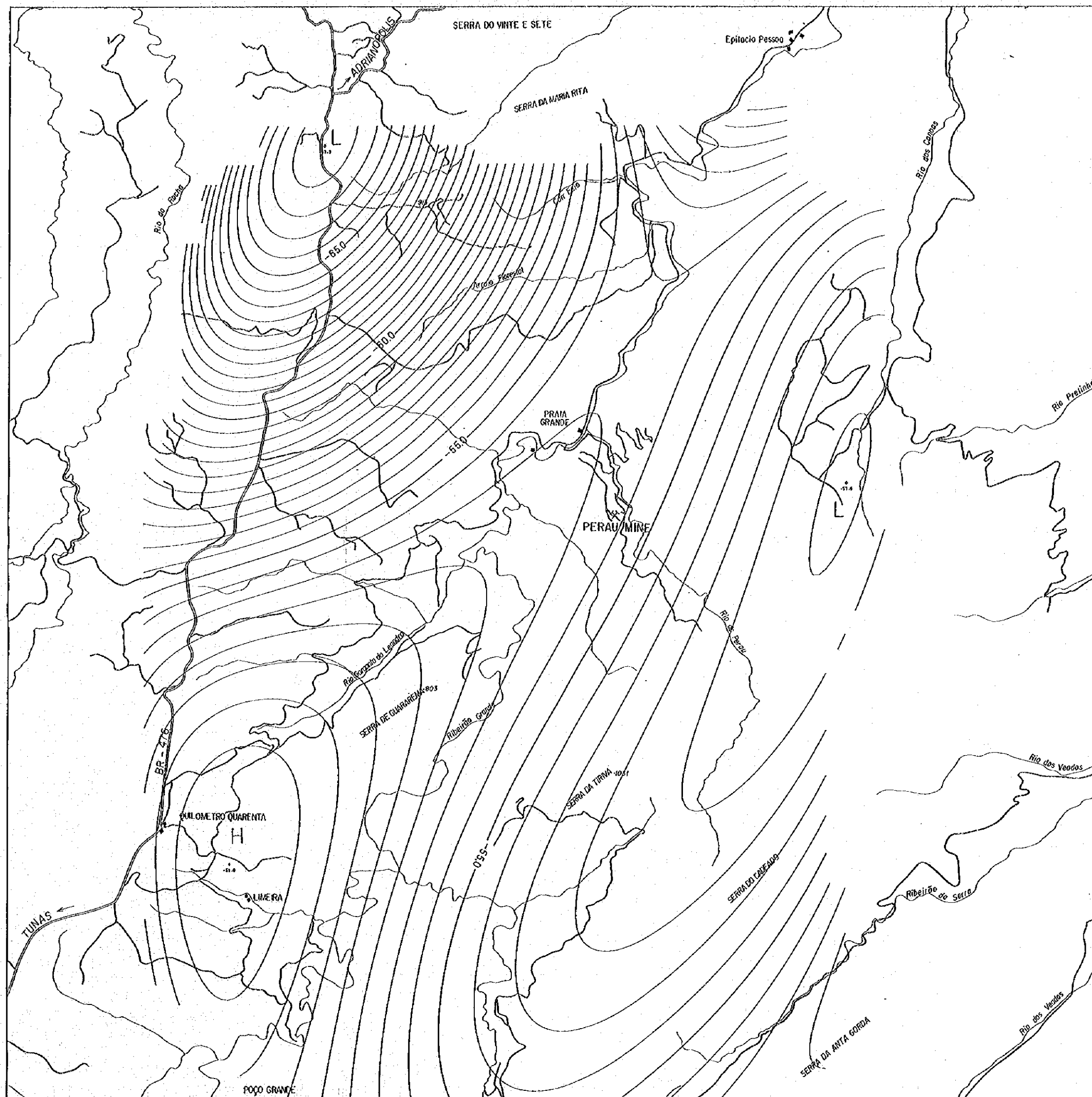
METAL MINING AGENCY OF JAPAN
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MAR. 1982
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LEGEND


- 1 mgal
- 5 mgal
- Gravity Observation Point and its Number
- Sampling location and No. of Rock Sample



PL. II - 4

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

FIFTH ORDER SURFACE FIT MAP

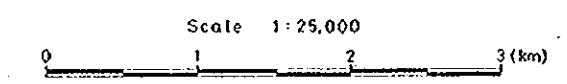


LOCATION INDEX

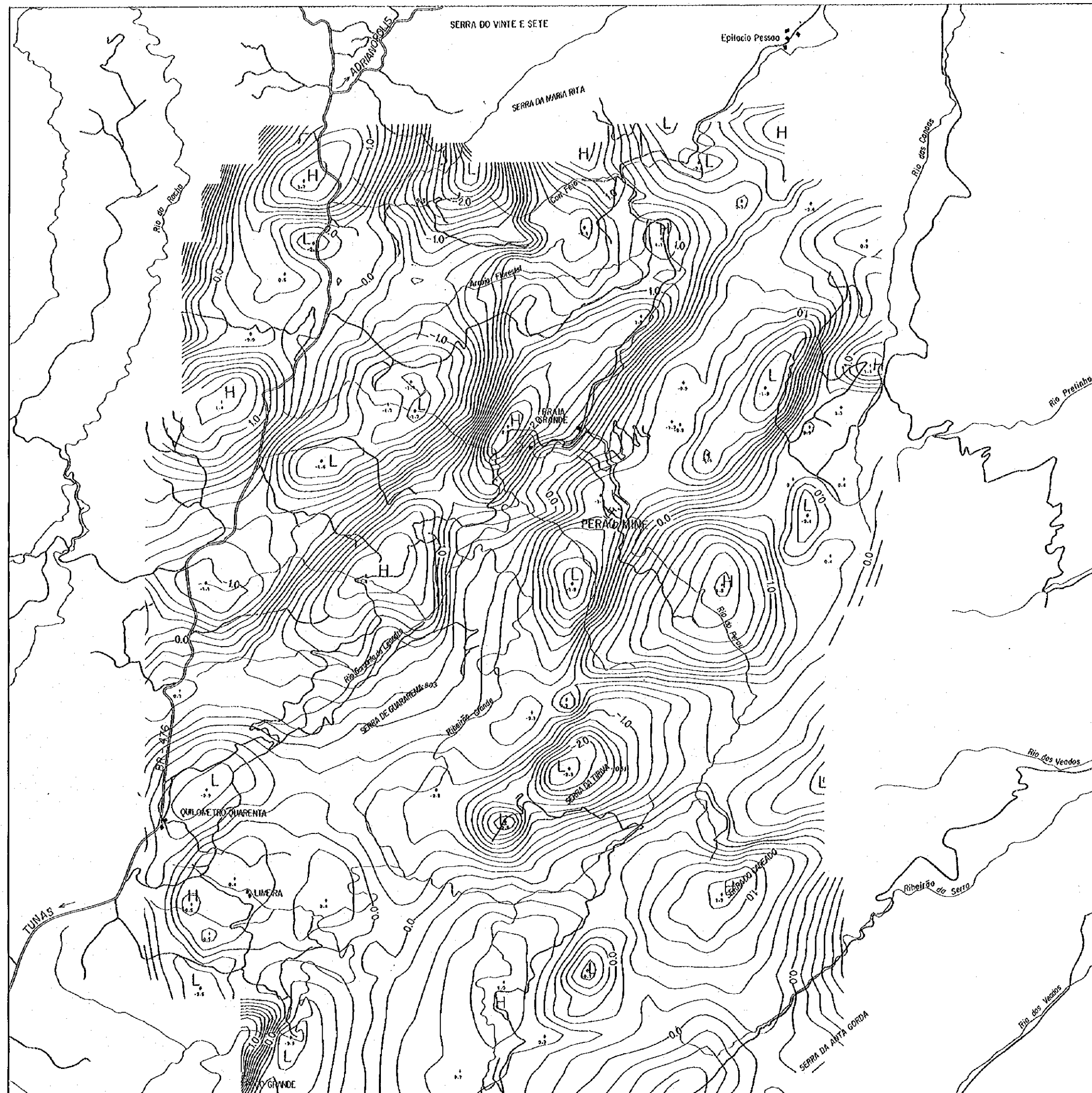
BRASIL	BRASIL	BRASIL
4-2	4-2	4-3
4-1	4-1	4-1
4-3	4-4	4-3

METAL MINING AGENCY OF JAPAN
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- LEGEND
- 0.5 mgal
 - 5 mgal



PL.II-6

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

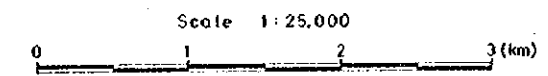
FIFTH ORDER RESIDUAL MAP



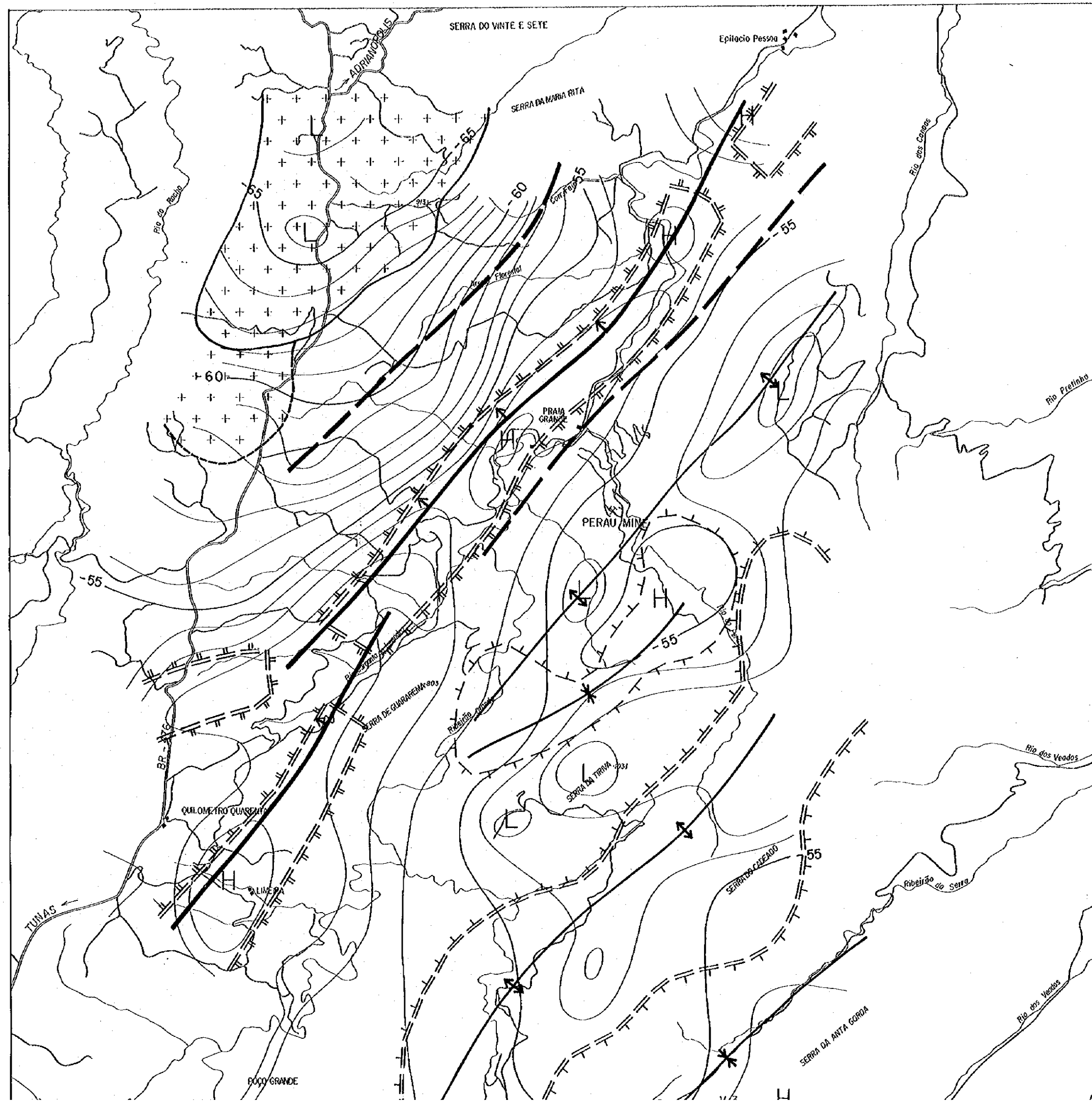
LOCATION INDEX

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- LEGEND
- 0.2 mgal
 - 1 mgal



PL. II-7

BRAZIL GEOLOGICAL SURVEY OF ANTA GORDA AREA PHASE II

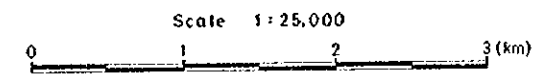
STRUCTURAL MAP



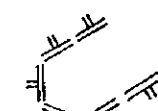
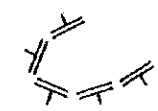
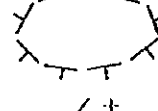
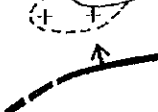
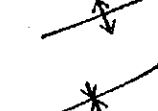
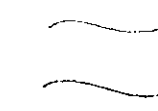



LOCATION INDEX

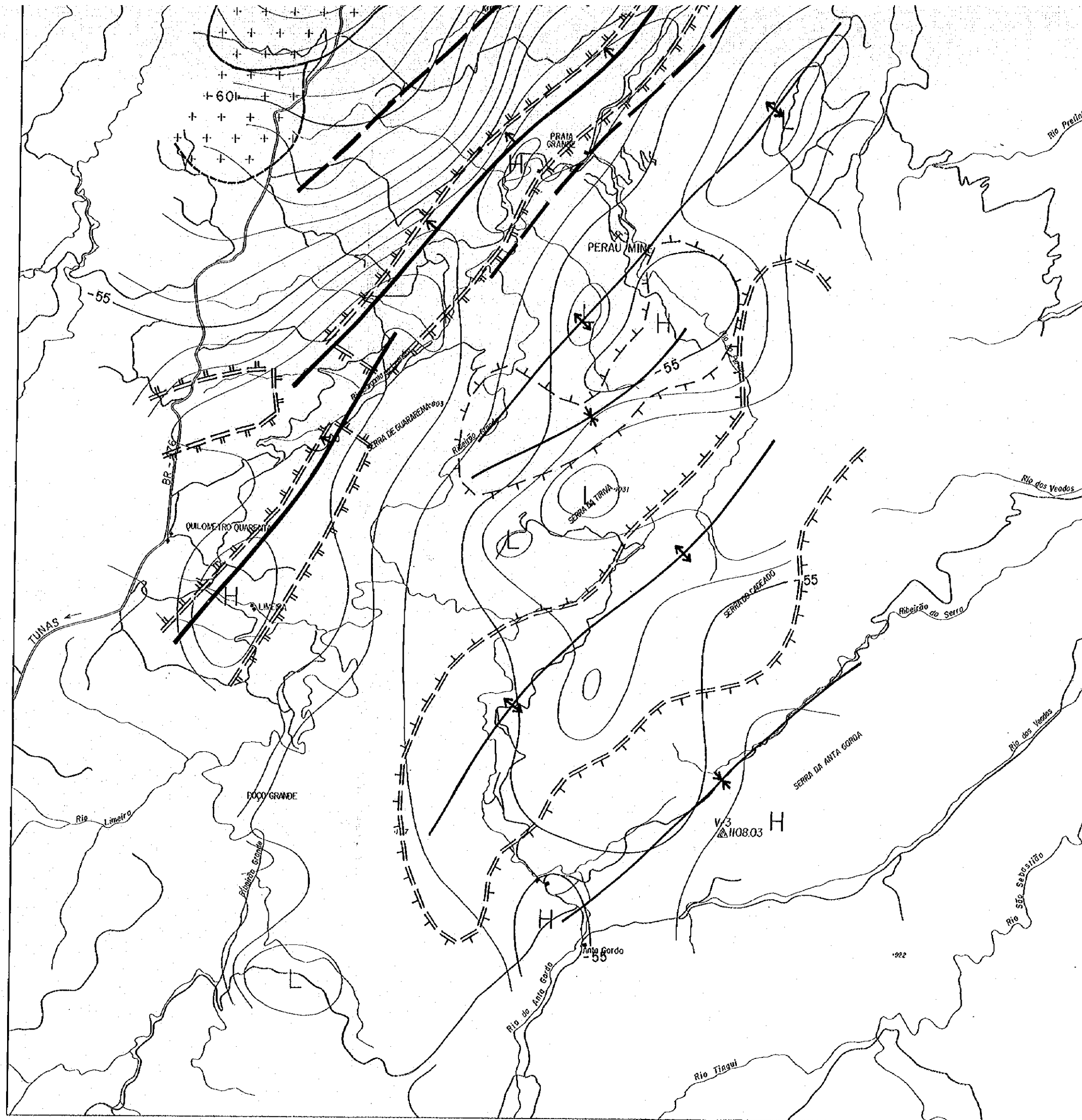
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
Prepared by Bishimoto Exploration Co., Ltd.



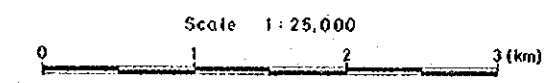
LEGEND

-  Dense Rock (Intrusive Rock)
-  Dense Rock (Setuva F.)
-  Dense Rock (Amphibolite & Mica Schist Group)
-  Granite
-  Fault Structure
-  Anticlinal Structure
-  Synclinal Structure
-  1 mgal
-  5 mgal



METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
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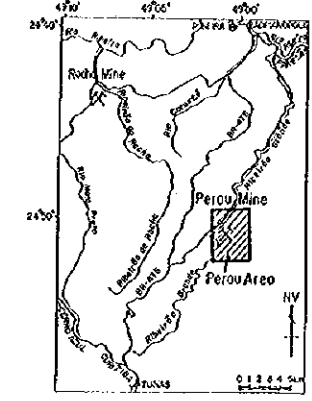
LEGEND

- Dense Rock (Intrusive Rock)
- Dense Rock (Setuva F.)
- Dense Rock (Amphibolite & Mica Schist Group)
- Granite
- Fault Structure
- Anticlinal Structure
- Synclinal Structure
- 1 mgal
- 5 mgal

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Location Map of IP and Spectral
IP Survey Lines

LOCATION INDEX

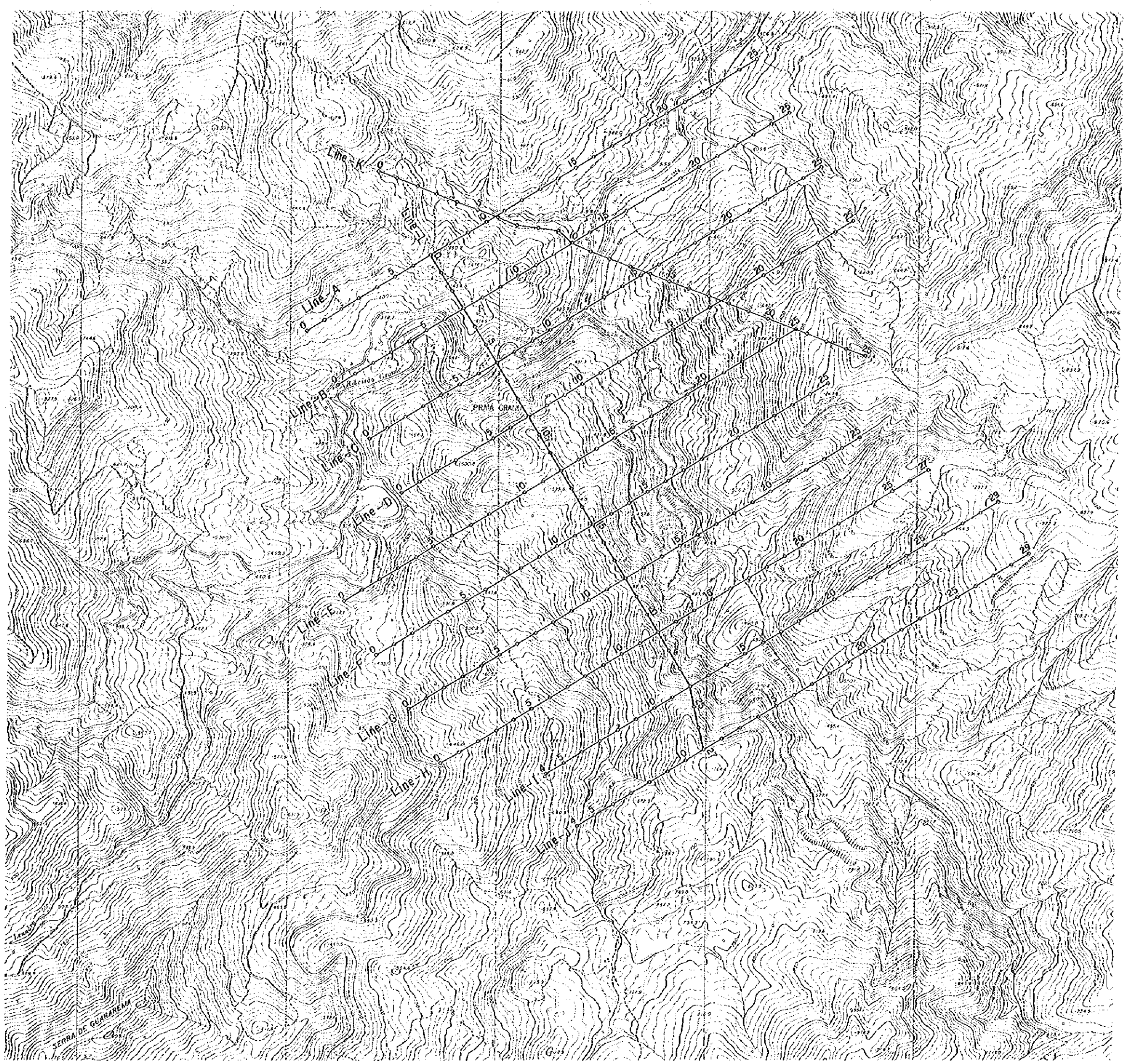
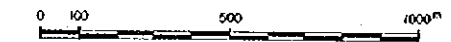


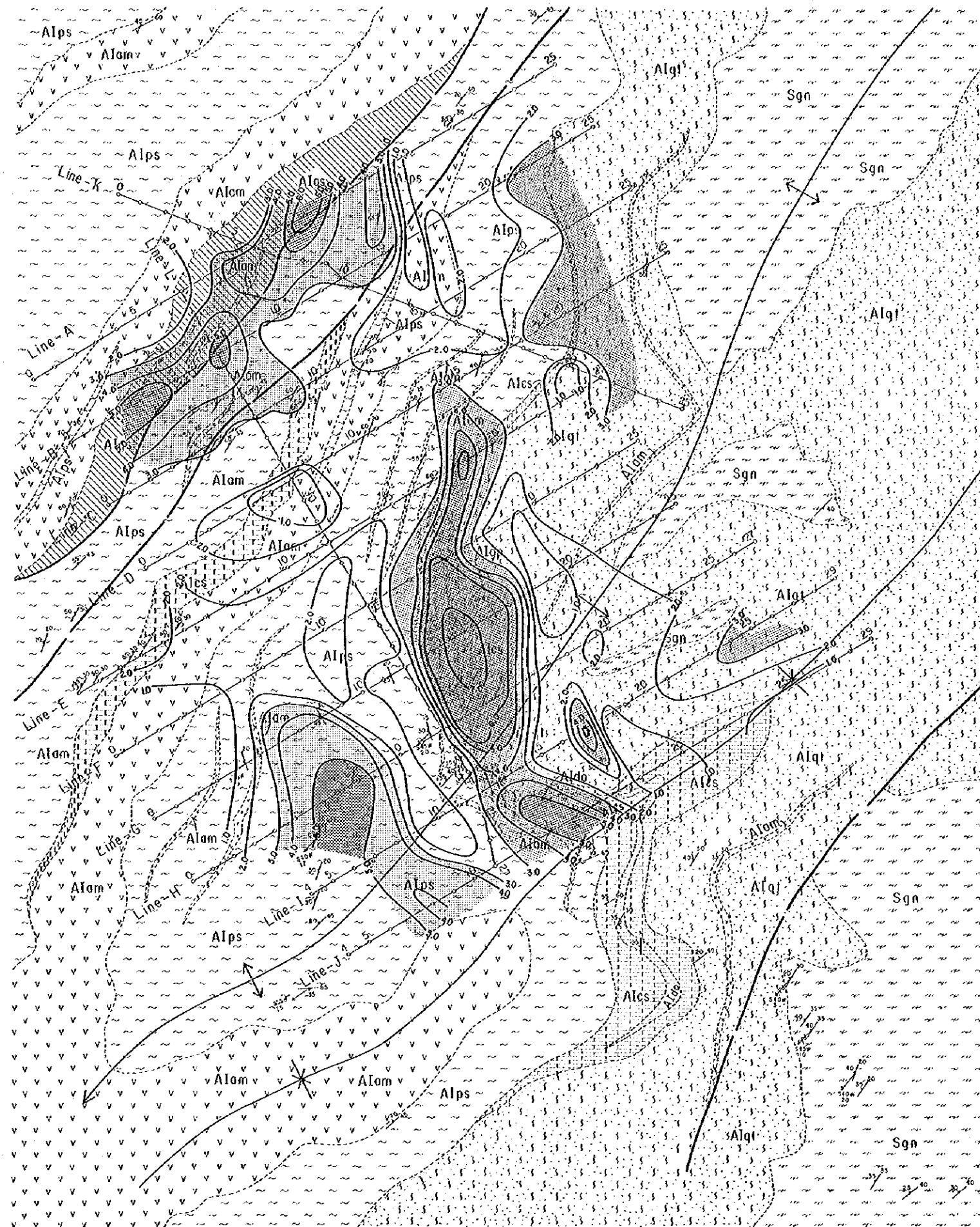
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982

Prepared by Bishmetal Exploration Co., Ltd.

SCALE 1:10,000





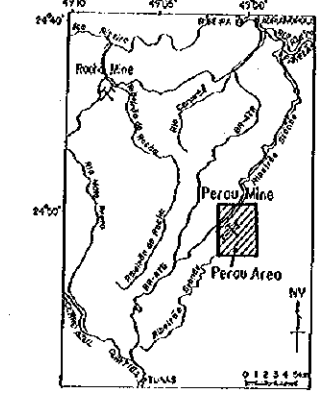
09286

PL. II-9-1

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Equi-Frequency Effect Map
($a=200m, n=1$)

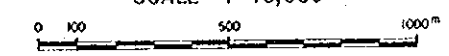
LOCATION INDEX



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

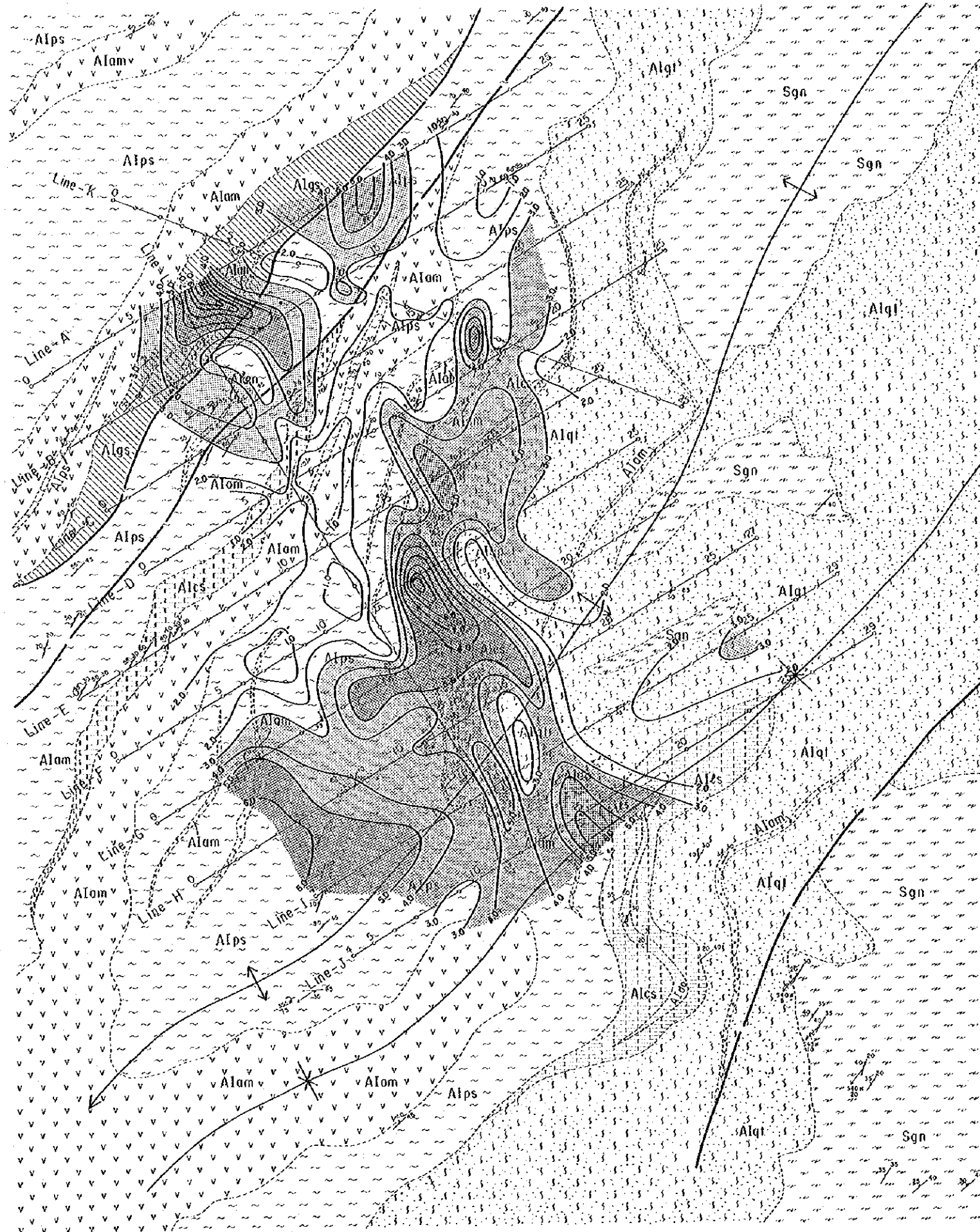
MAR 1982
Prepared by Bishmetal Exploration Co., Ltd.

SCALE 1:10,000



LEGEND

5.0 Iso F.E. Contour (%)

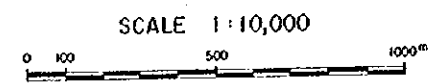


PL. II-9-2

BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
 Equi-Frequency Effect Map
 (a=200m, n=3)

LOCATION INDEX

METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY
 MAR. 1982
 Prepared by Bishmetal Exploration Co., Ltd.



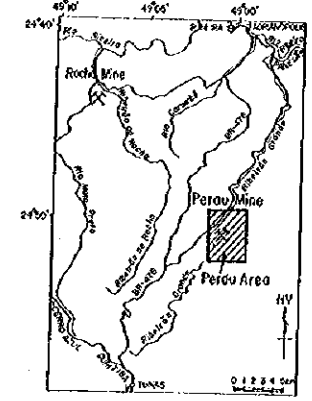
LEGEND

Iso F.E. Contour (‰)

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Equi-Frequency Effect Map
($a=200m, n=5$)

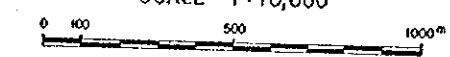
LOCATION INDEX



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

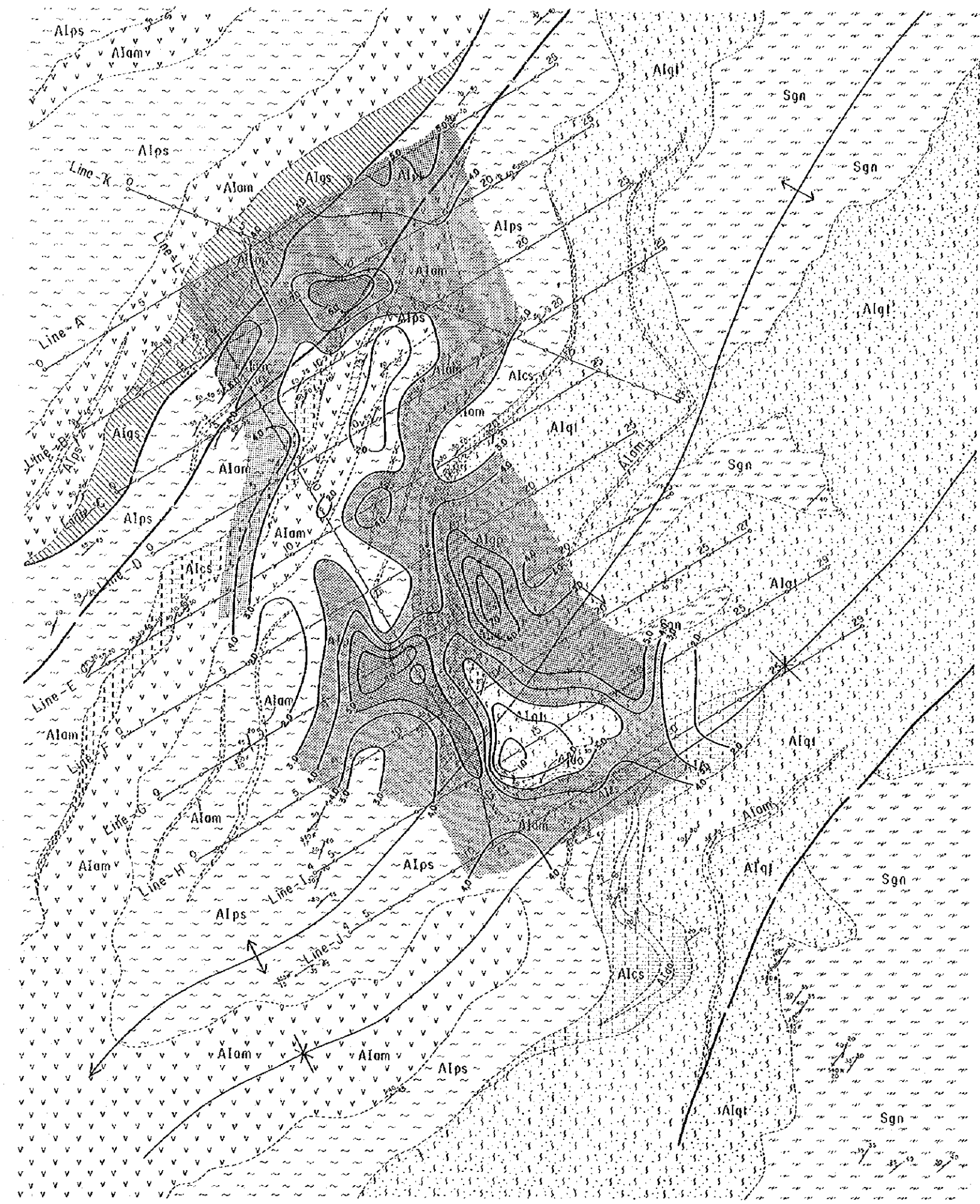
MAR. 1982
Prepared by Bishimetal Exploration Co., Ltd.

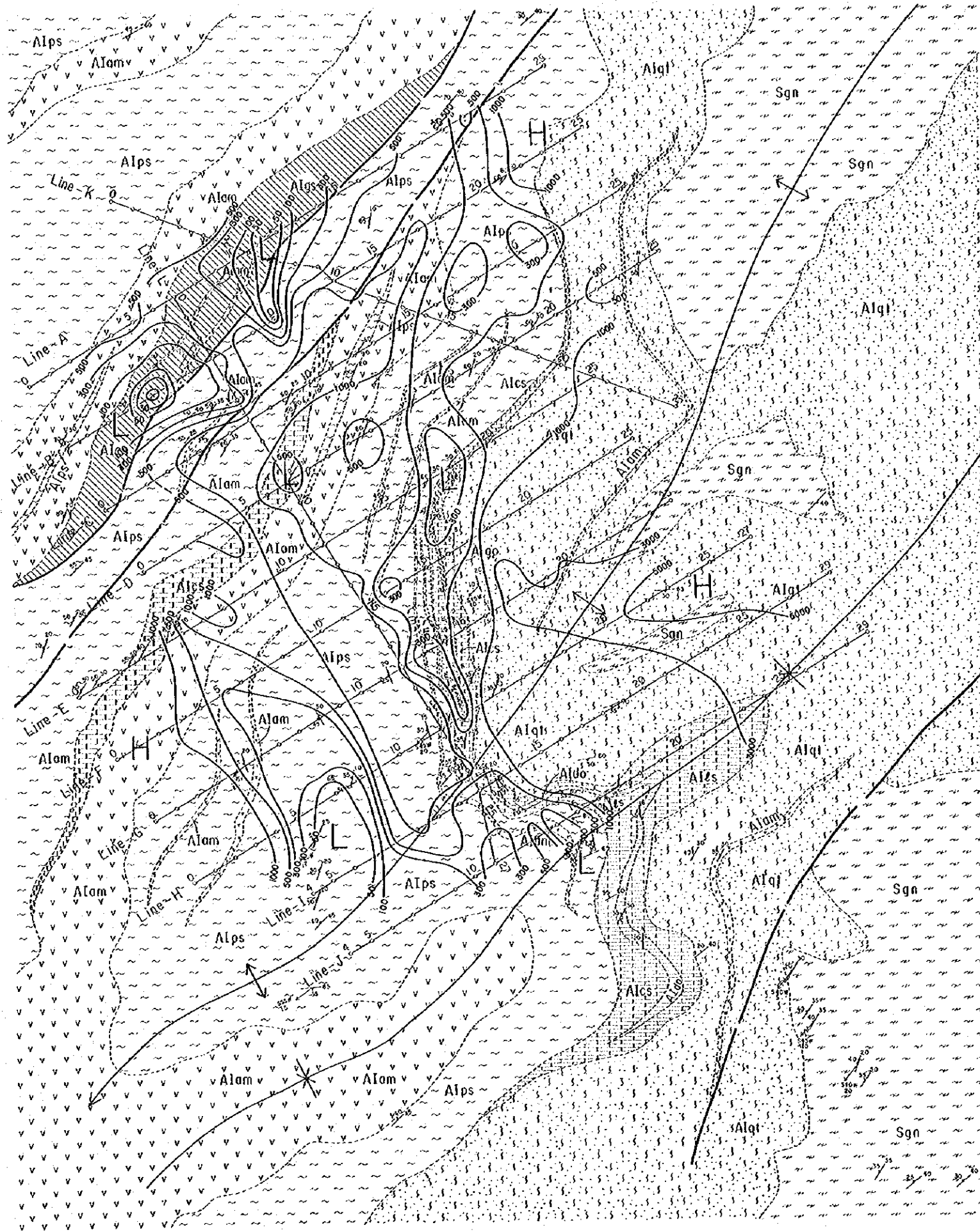
SCALE 1:10,000



LEGEND

~ 5.0 Iso F.E. Contour (%)





PL.II-10-1

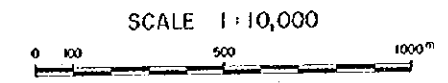
BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Apparent Resistivity Map
($a=200m, n=1$)

LOCATION INDEX

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

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LEGEND

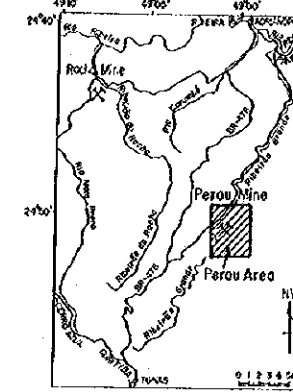
~ 500 Iso Apparent Resistivity Contour ($\Omega - m$)

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

PL. II-10-2

Apparent Resistivity Map
(a=200m, n=3)

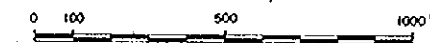
LOCATION INDEX



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

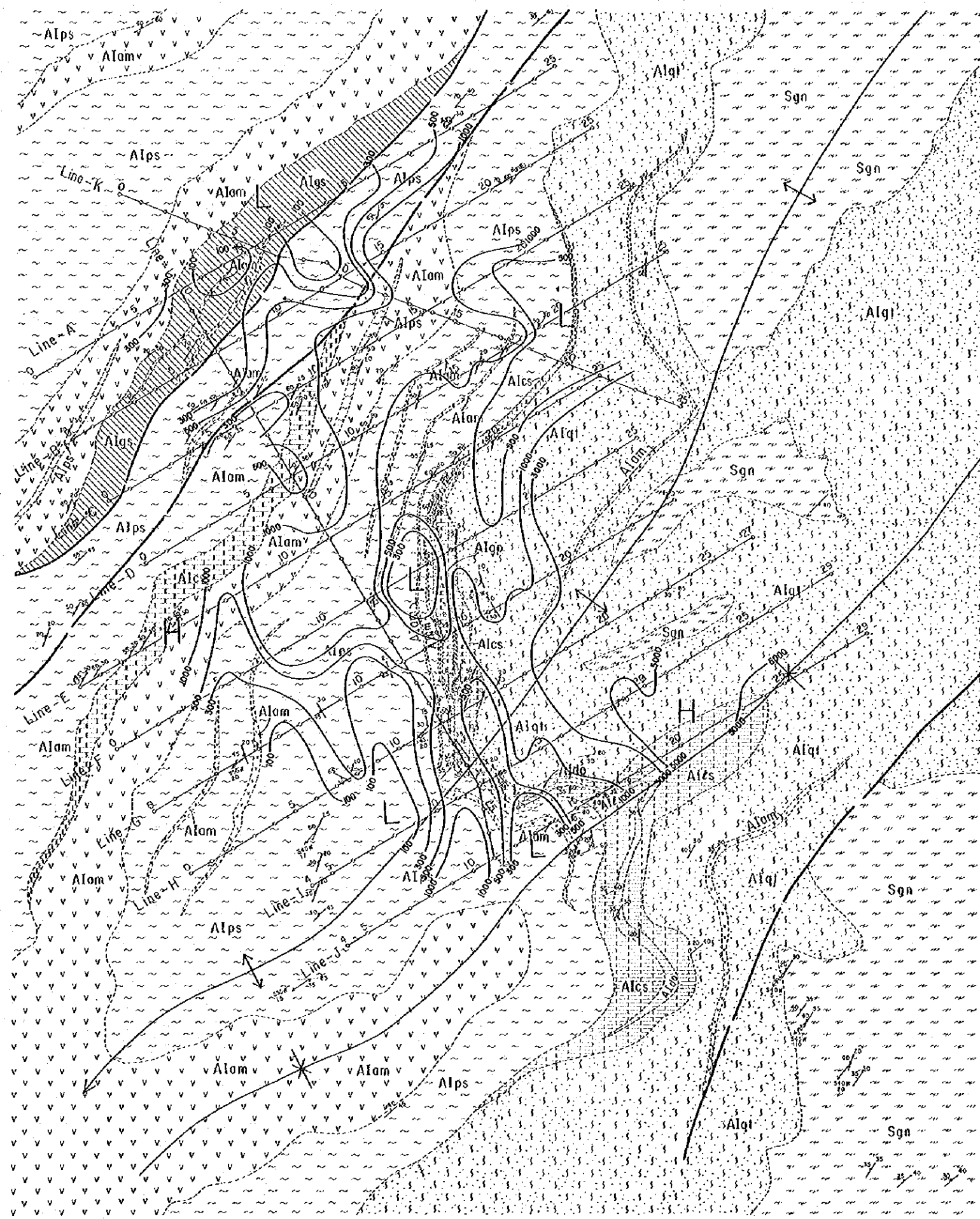
MAR. 1982
Prepared by Bishmetel Exploration Co., Ltd.

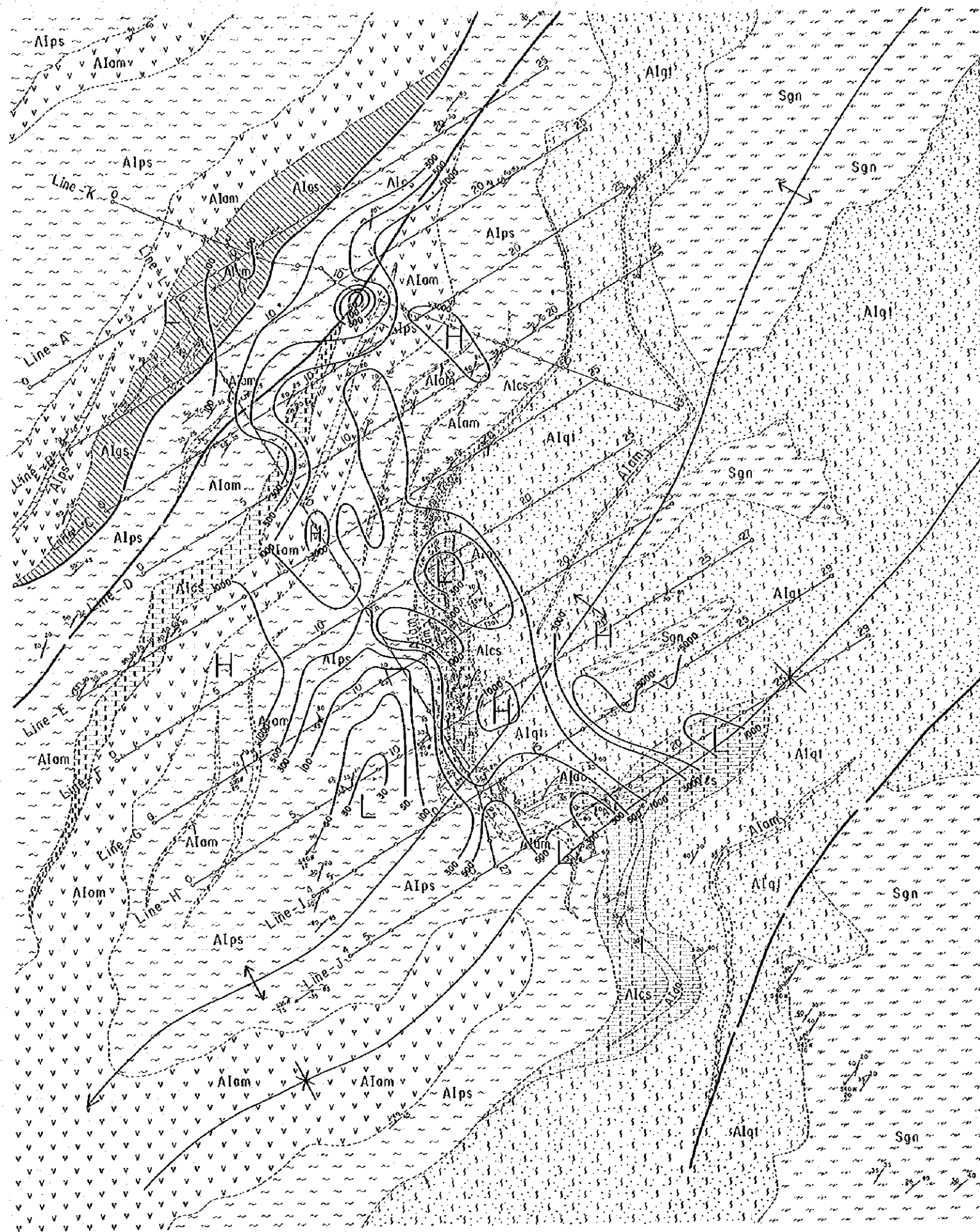
SCALE 1:10,000



LEGEND

500 Iso Apparent Resistivity Contour (Ω-m)



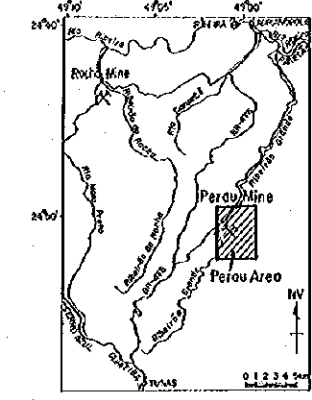


03285
PL. II-10-3

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

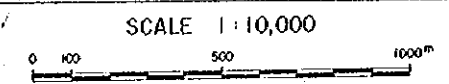
Apparent Resistivity Map
(a=200m, n=5)

LOCATION INDEX



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
Prepared by Rishimetal Exploration Co., Ltd.



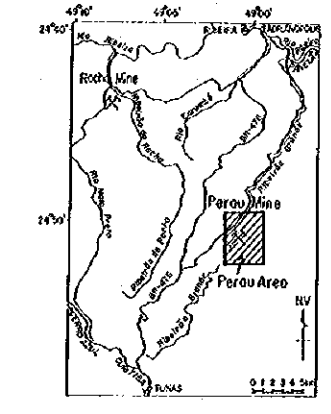
LEGEND

500 Iso Apparent Resistivity Contour (Ω - m)

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

IP Interpretation Map

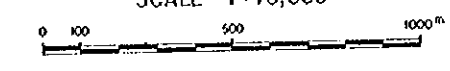
LOCATION INDEX



METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

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SCALE 1:10,000



LEGEND

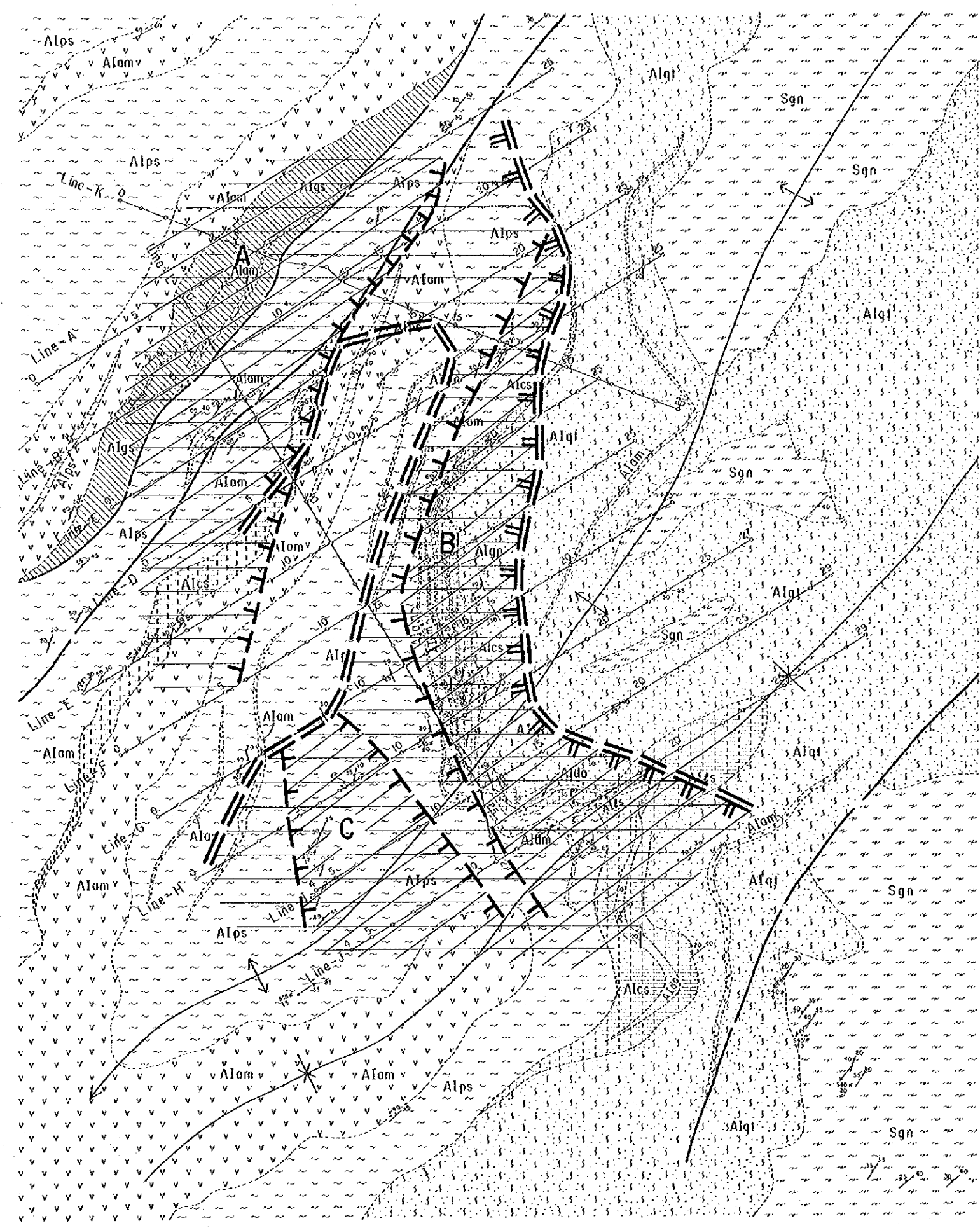
out Line of Apparent Resistivity
Low ~ middle Resistivity Zone High Resistivity Zone

FE anomaly (shallow to deep)

FE anomaly (deep)

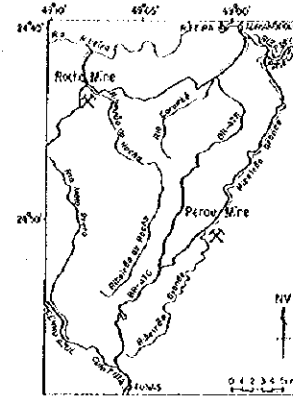
Out Line of FE anomaly

name of anomaly zone (A, B, C)



BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Raw Phase Pseudo-Section
(Line - G)

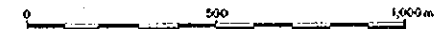


METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

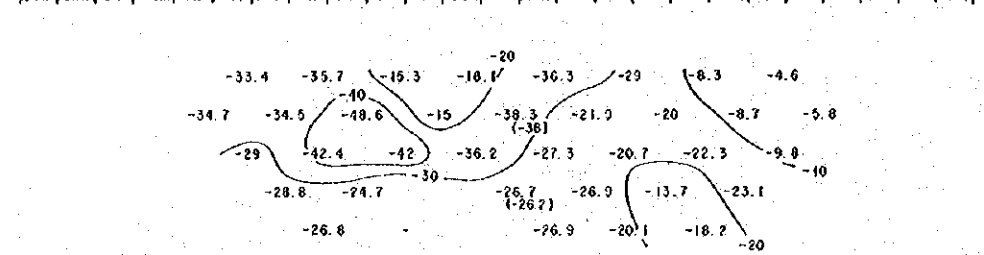
MAR. 1982

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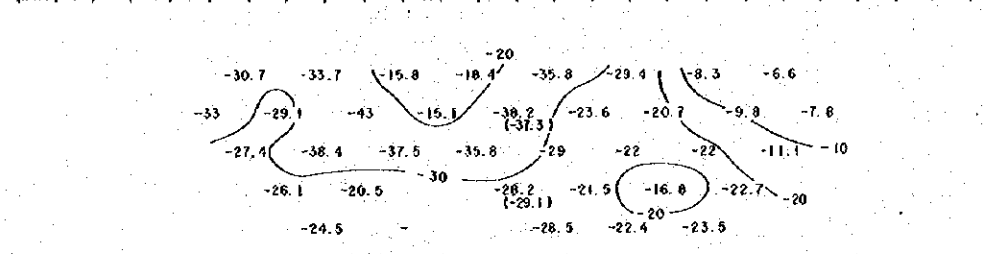
Scale 1:10,000



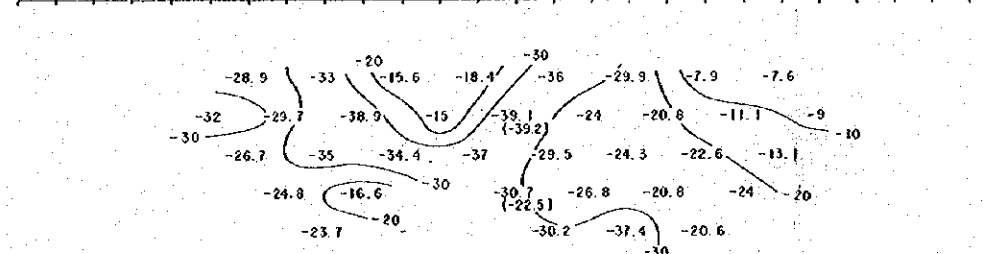
0.125Hz (RAW PHASE) (mrad)



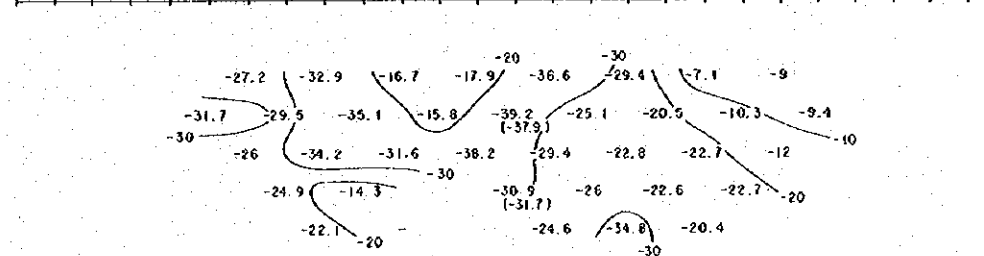
0.375Hz (RAW PHASE) (mrad)



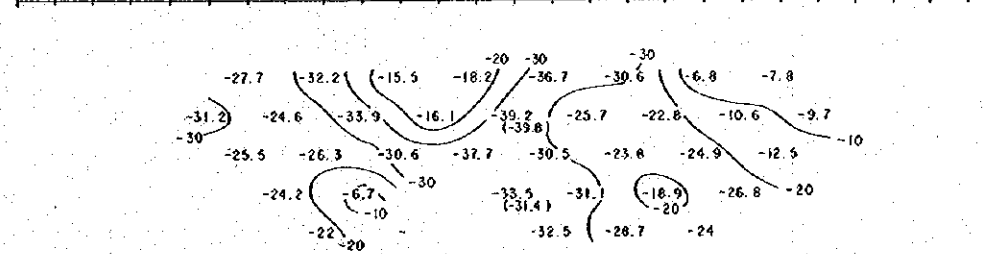
0.625Hz (RAW PHASE) (mrad)



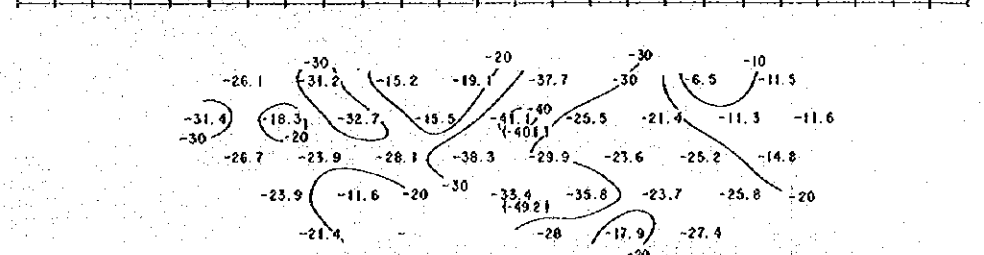
0.875Hz (RAW PHASE) (mrad)



1Hz (RAW PHASE) (mrad)

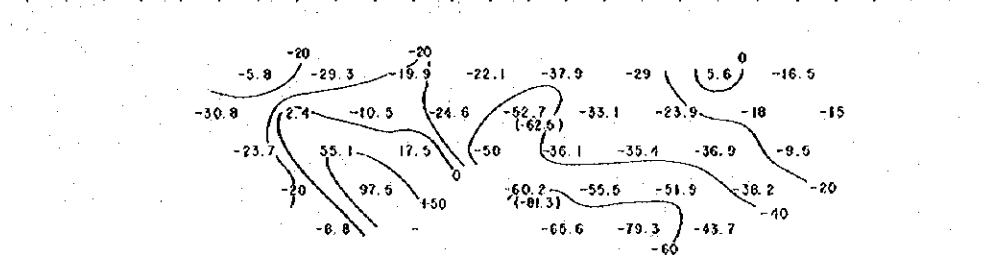


1.125Hz (RAW PHASE) (mrad)

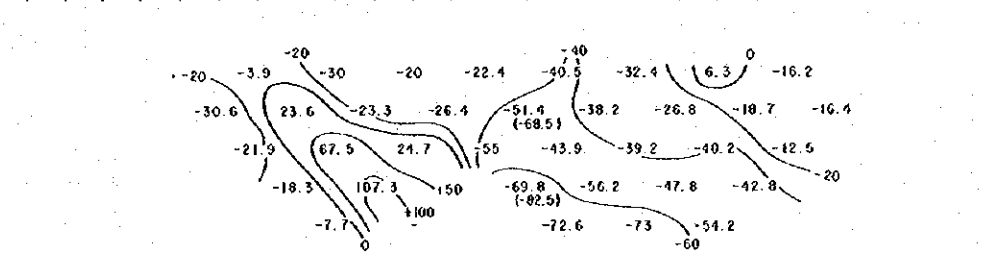


3Hz (RAW PHASE) (mrad)

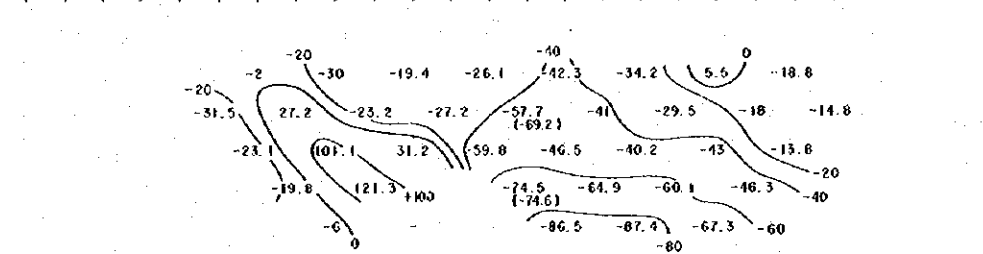
7Hz (RAW PHASE) (mrad)



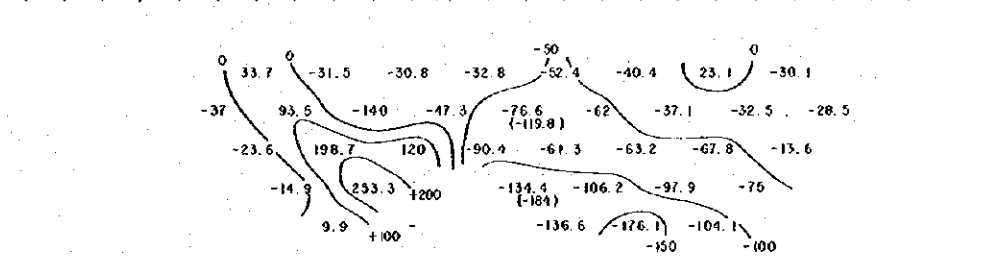
8Hz (RAW PHASE) (mrad)



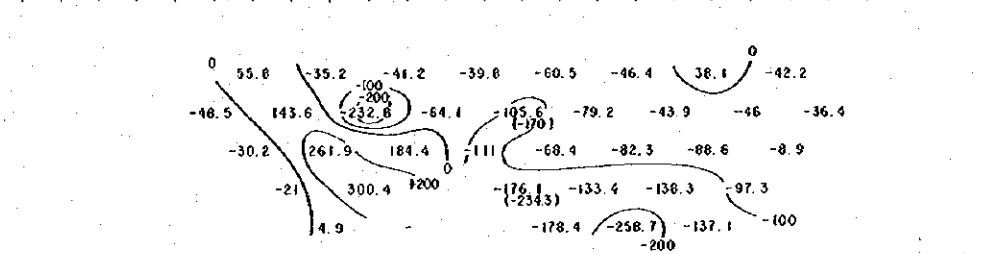
9Hz (RAW PHASE) (mrad)



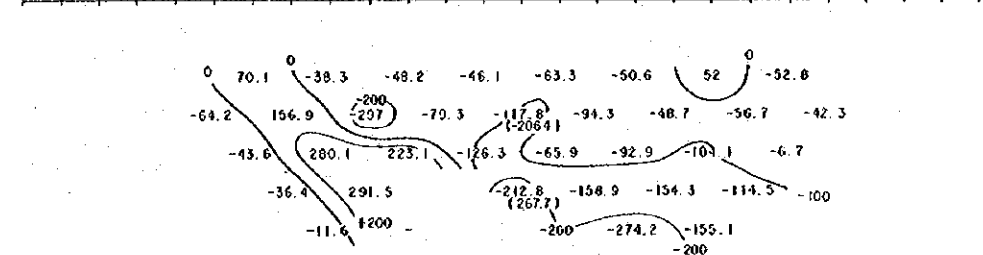
24Hz (RAW PHASE) (mrad)



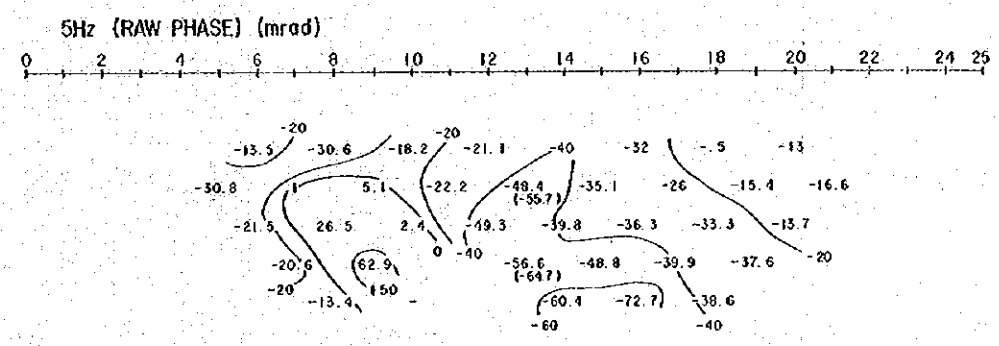
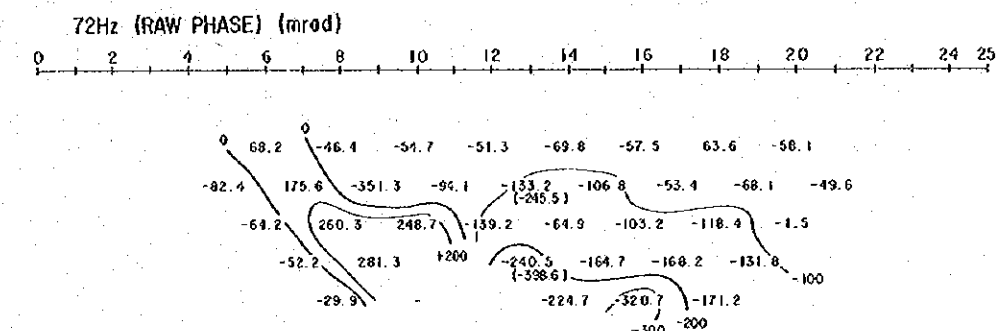
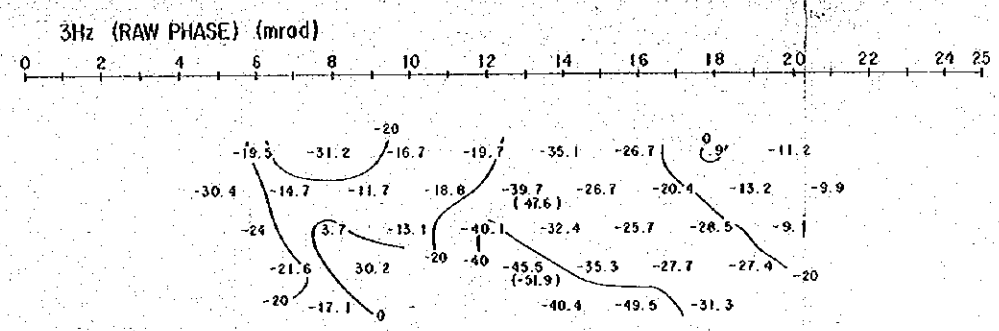
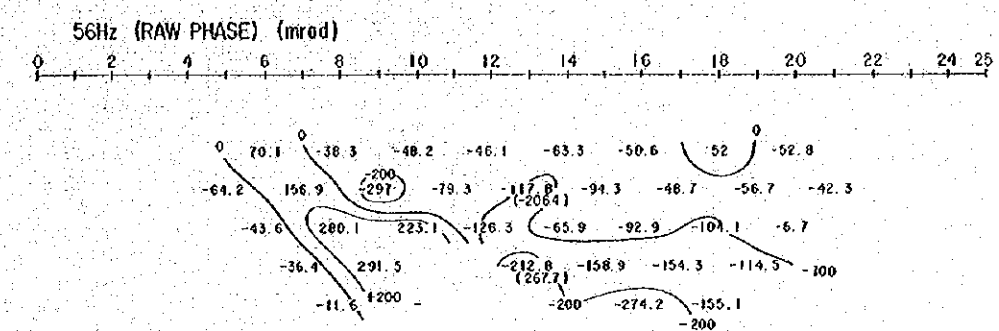
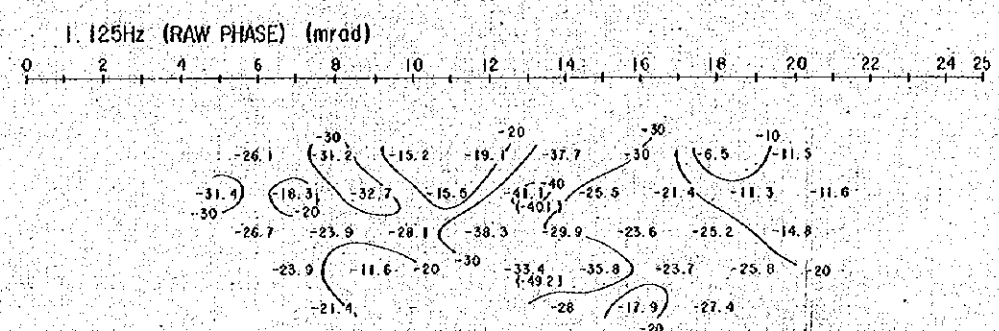
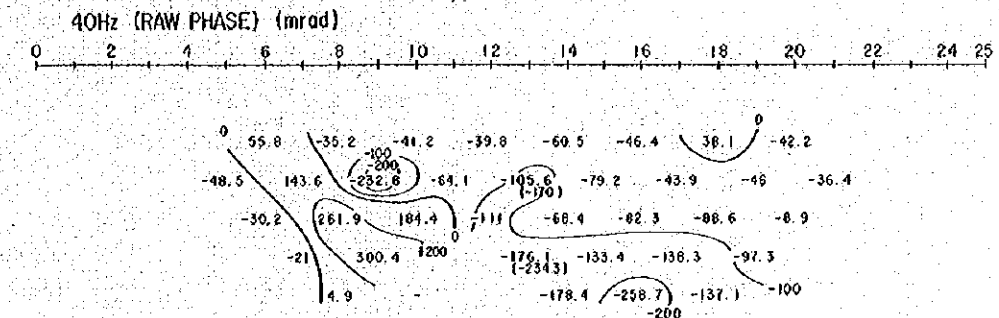
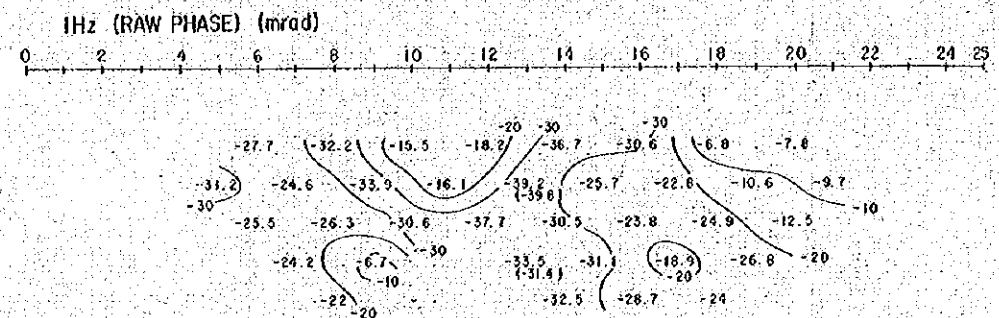
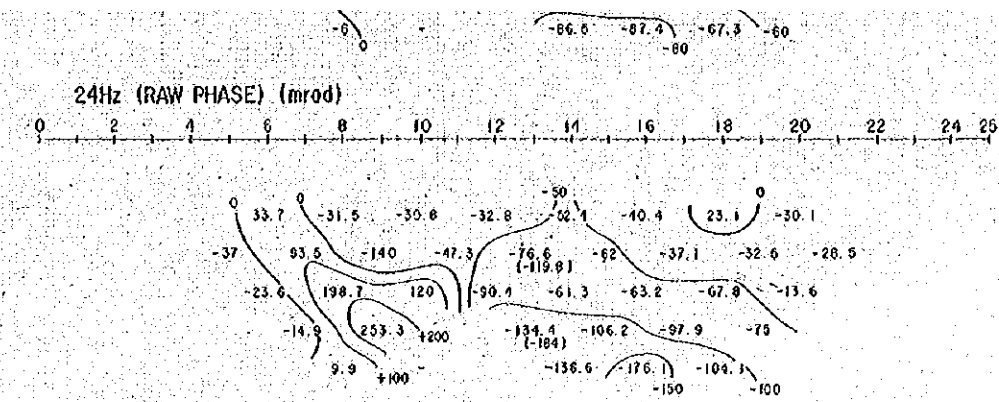
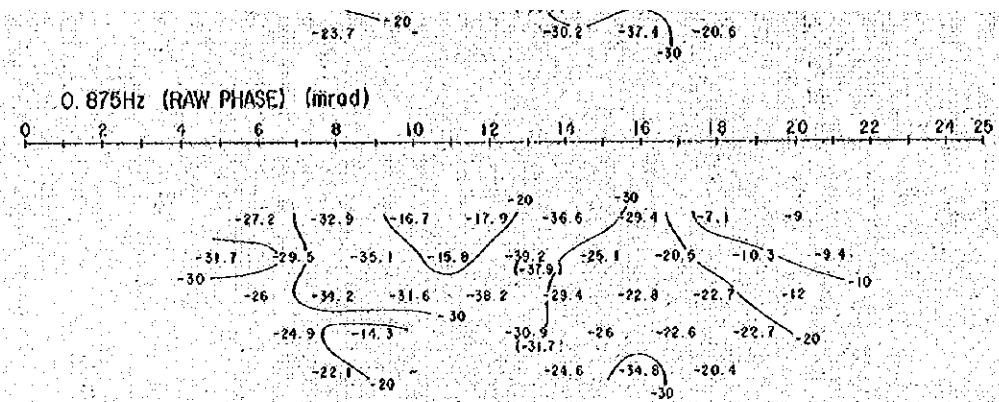
40Hz (RAW PHASE) (mrad)



56Hz (RAW PHASE) (mrad)

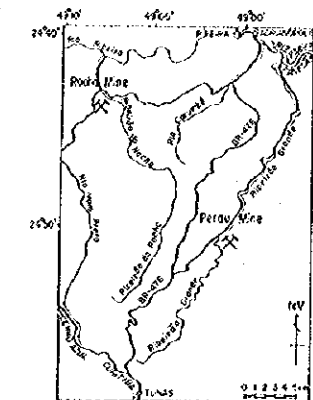


72Hz (RAW PHASE) (mrad)



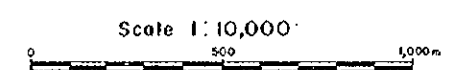
BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

Raw Phase Pseudo-Section
(Line-K)

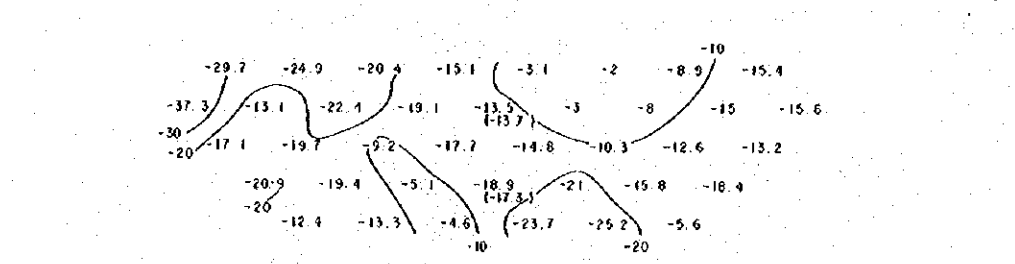


METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

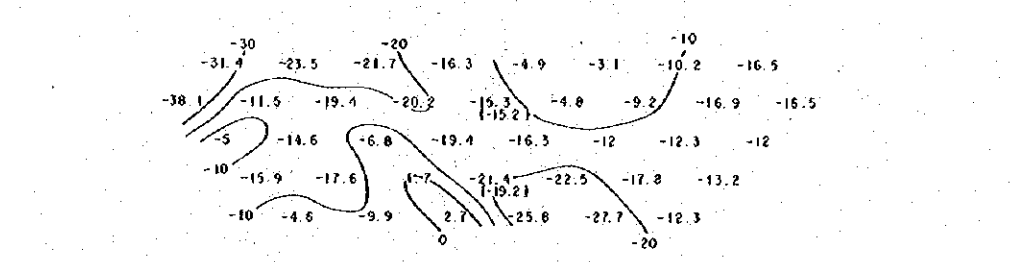
MAR. 1982
Prepared by Bishimetal Exploration Co., Ltd.



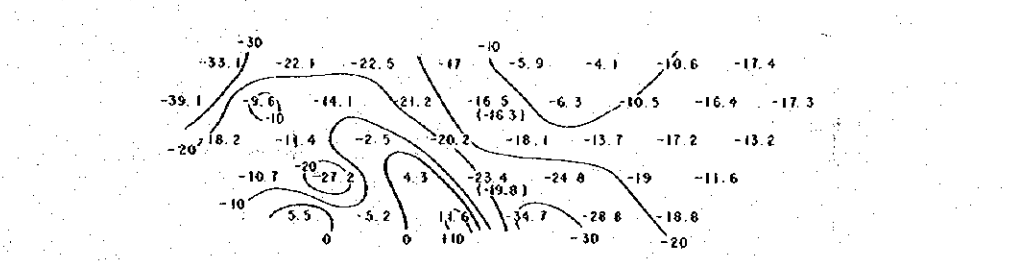
0.125Hz (RAW PHASE) (mrad)



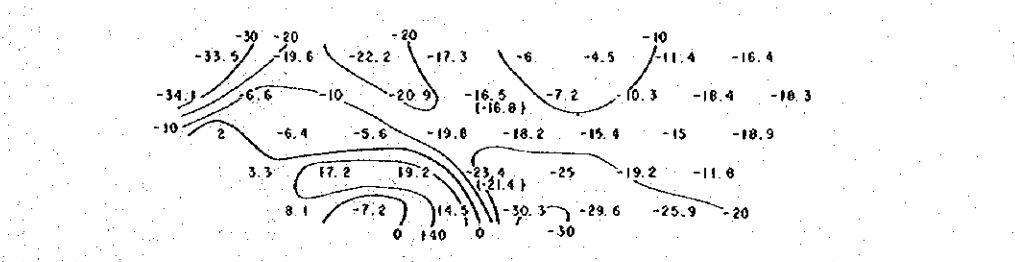
0.375Hz (RAW PHASE) (mrad)



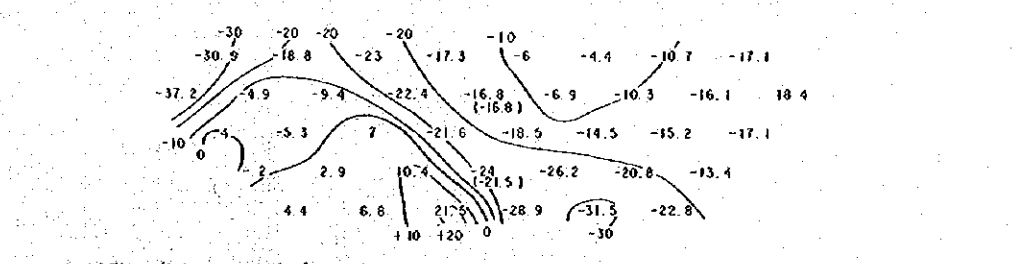
0.625Hz (RAW PHASE) (mrad)



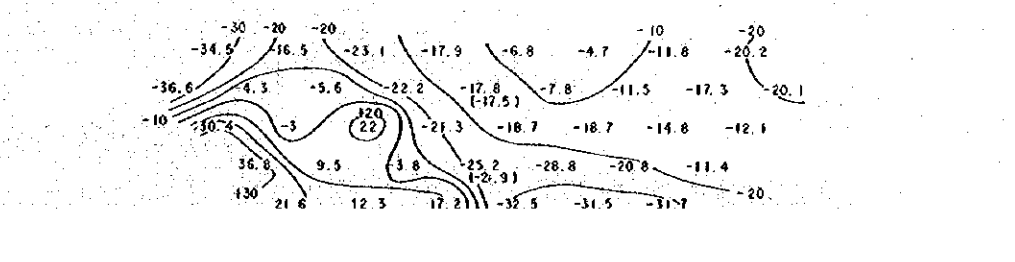
0.875Hz (RAW PHASE) (mrad)



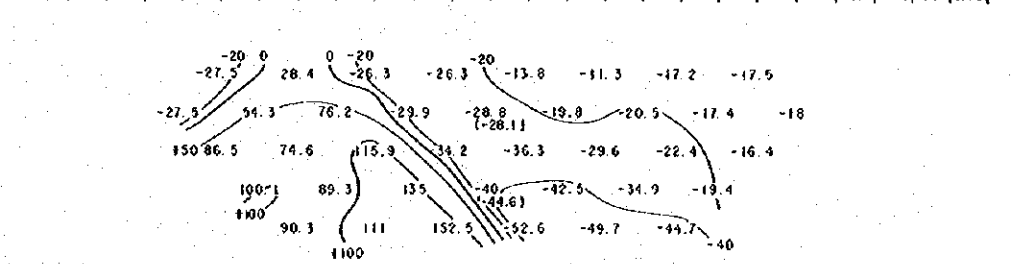
1Hz (RAW PHASE) (mrad)



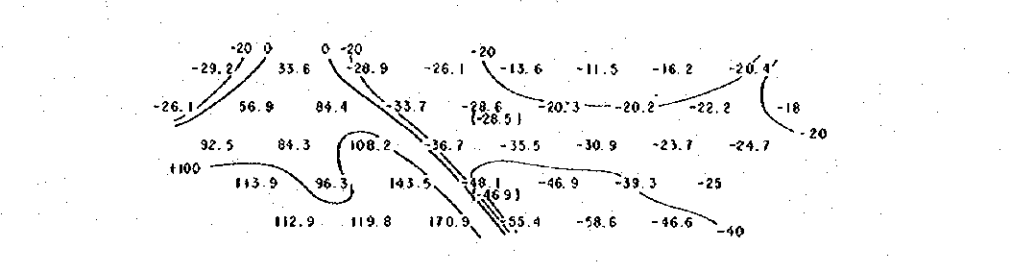
1.125Hz (RAW PHASE) (mrad)



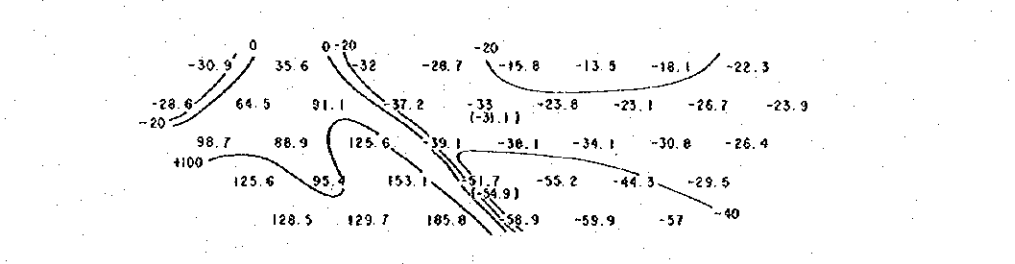
7Hz (RAW PHASE) (mrad)



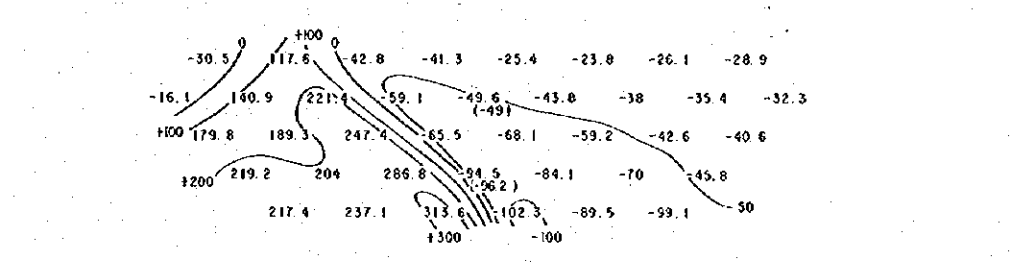
8Hz (RAW PHASE) (mrad)



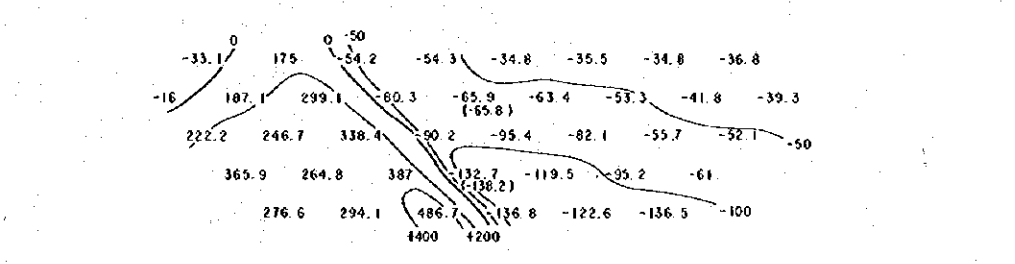
9Hz (RAW PHASE) (mrad)



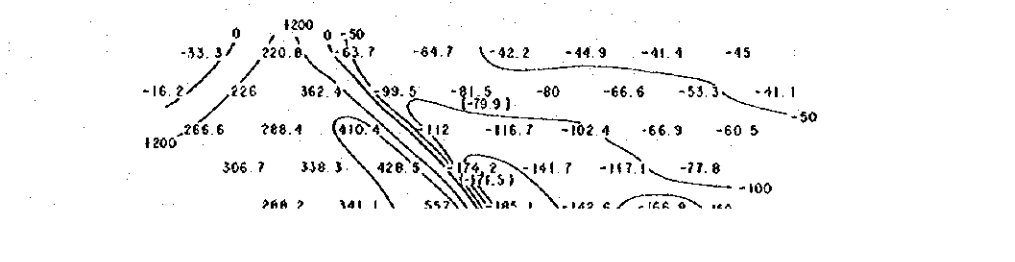
24Hz (RAW PHASE) (mrad)



40Hz (RAW PHASE) (mrad)

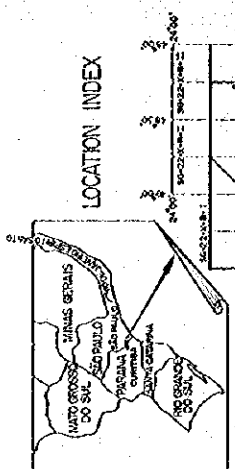


56Hz (RAW PHASE) (mrad)



PL II-14-1

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II
RESIDUAL MAP



LOCATION INDEX

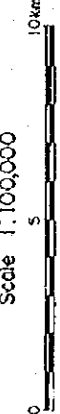
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METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

Prepared by Behmetal Exploration Co., Ltd.

Scale 1:100,000

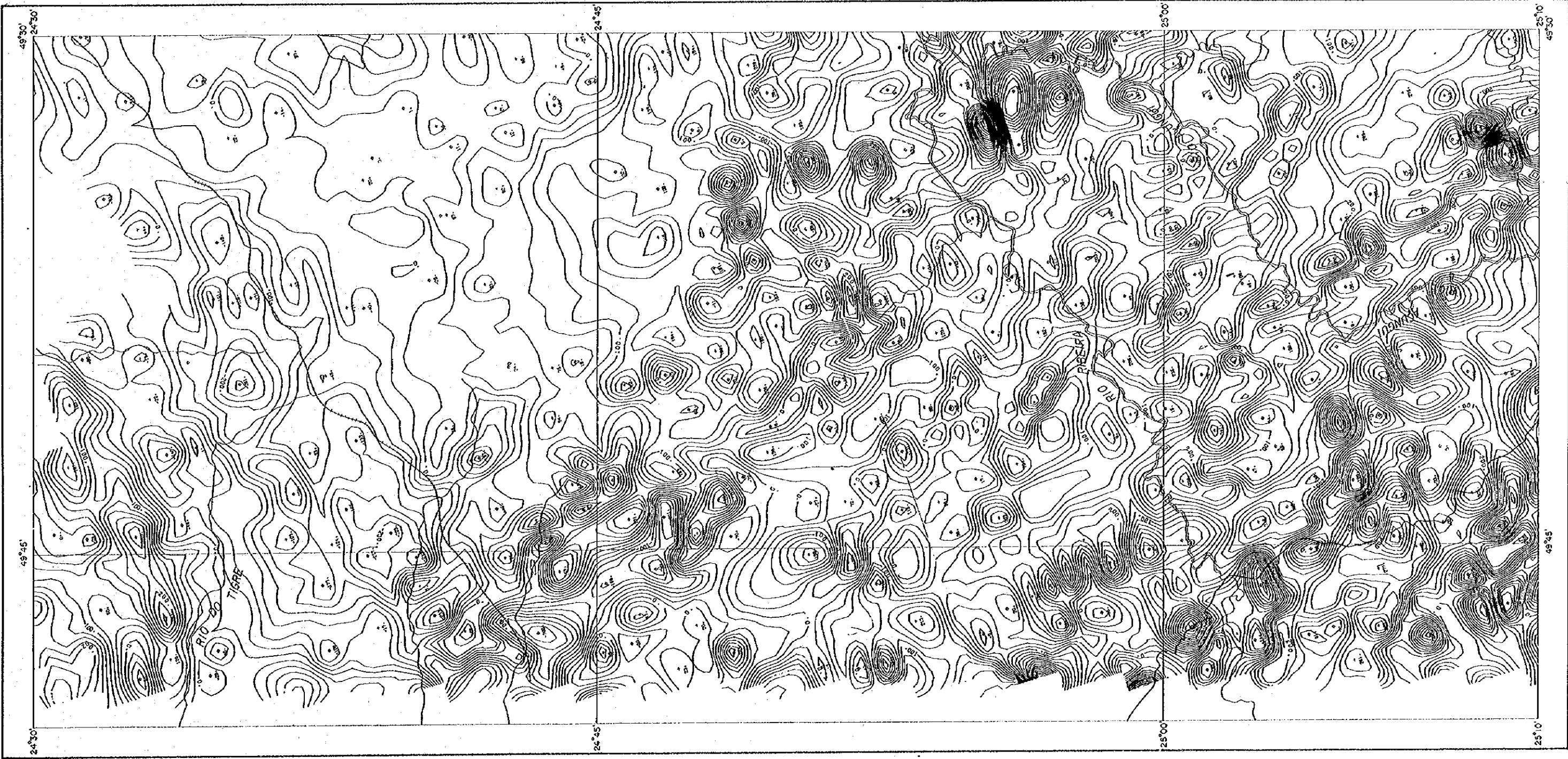


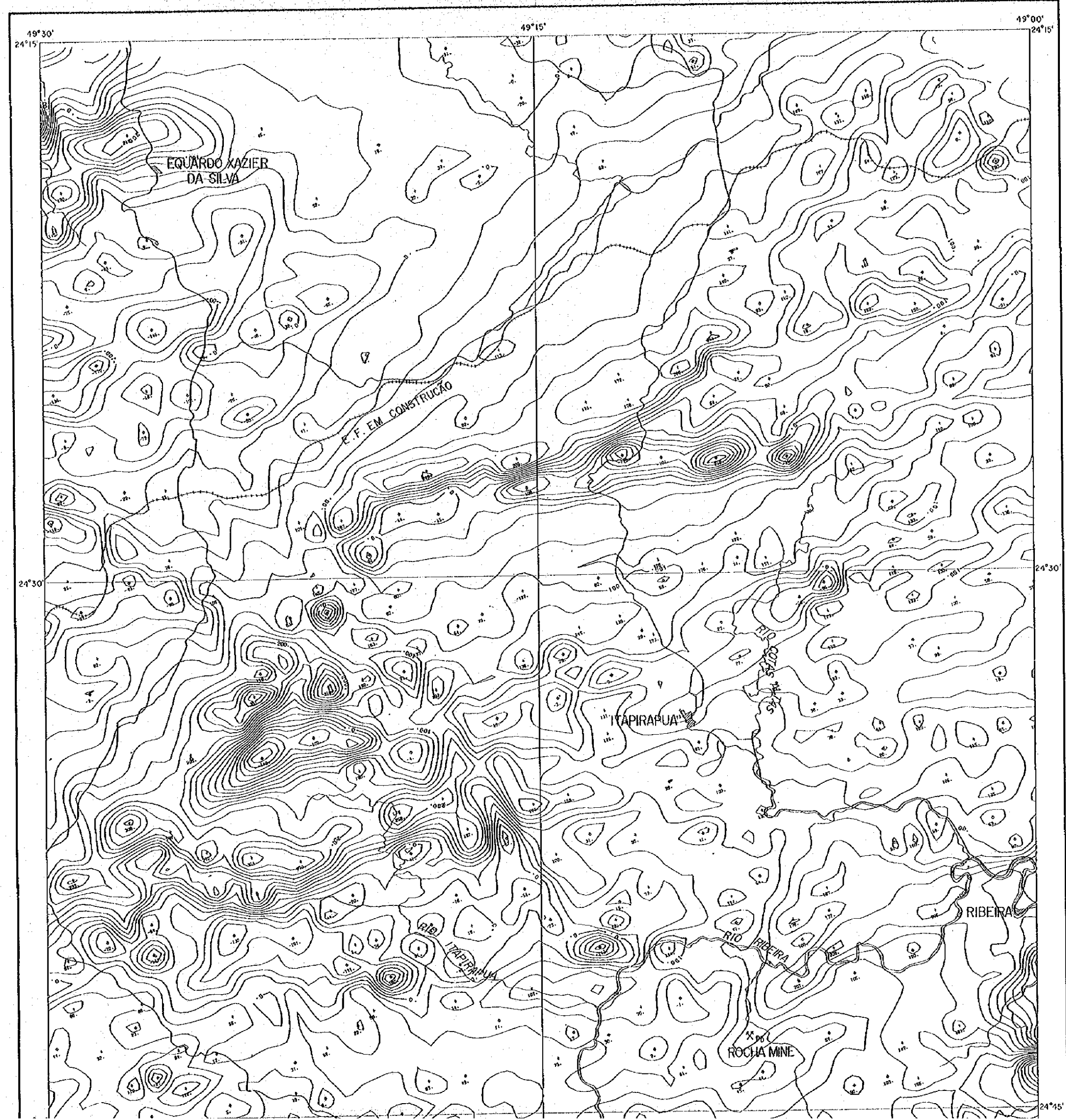
LEGEND

25 gamma

100 gamma

Mine





PL. II-14-2

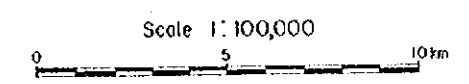
BRAZIL

GEOLOGICAL SURVEY OF ANTA GORDA AREA PHASE II RESIDUAL MAP

LOCATION INDEX

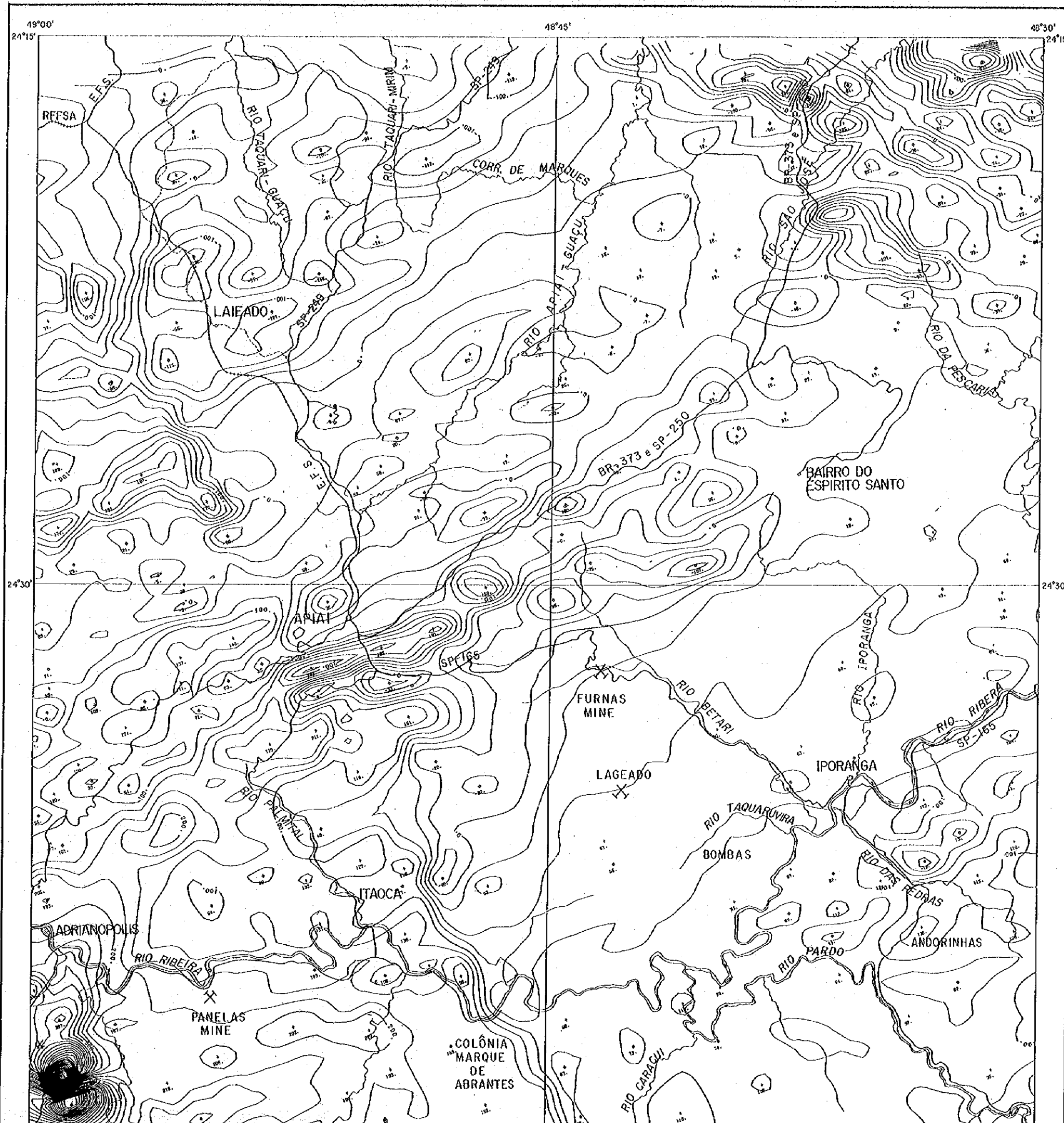
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

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Prepared by Bishimetal Exploration Co., Ltd.



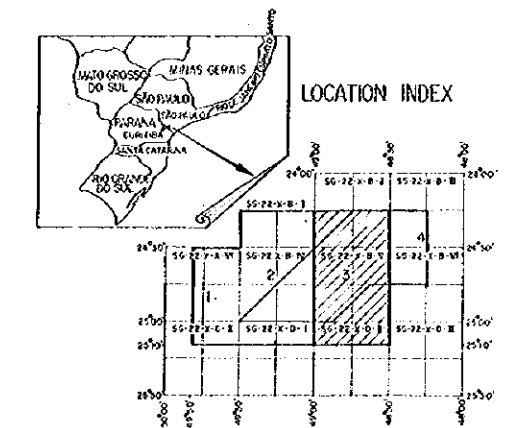
LEGEND

- 25 gammo
- 100 gammo
- Mine



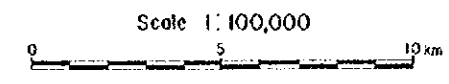
BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
 RESIDUAL MAP

PL. II-14-3






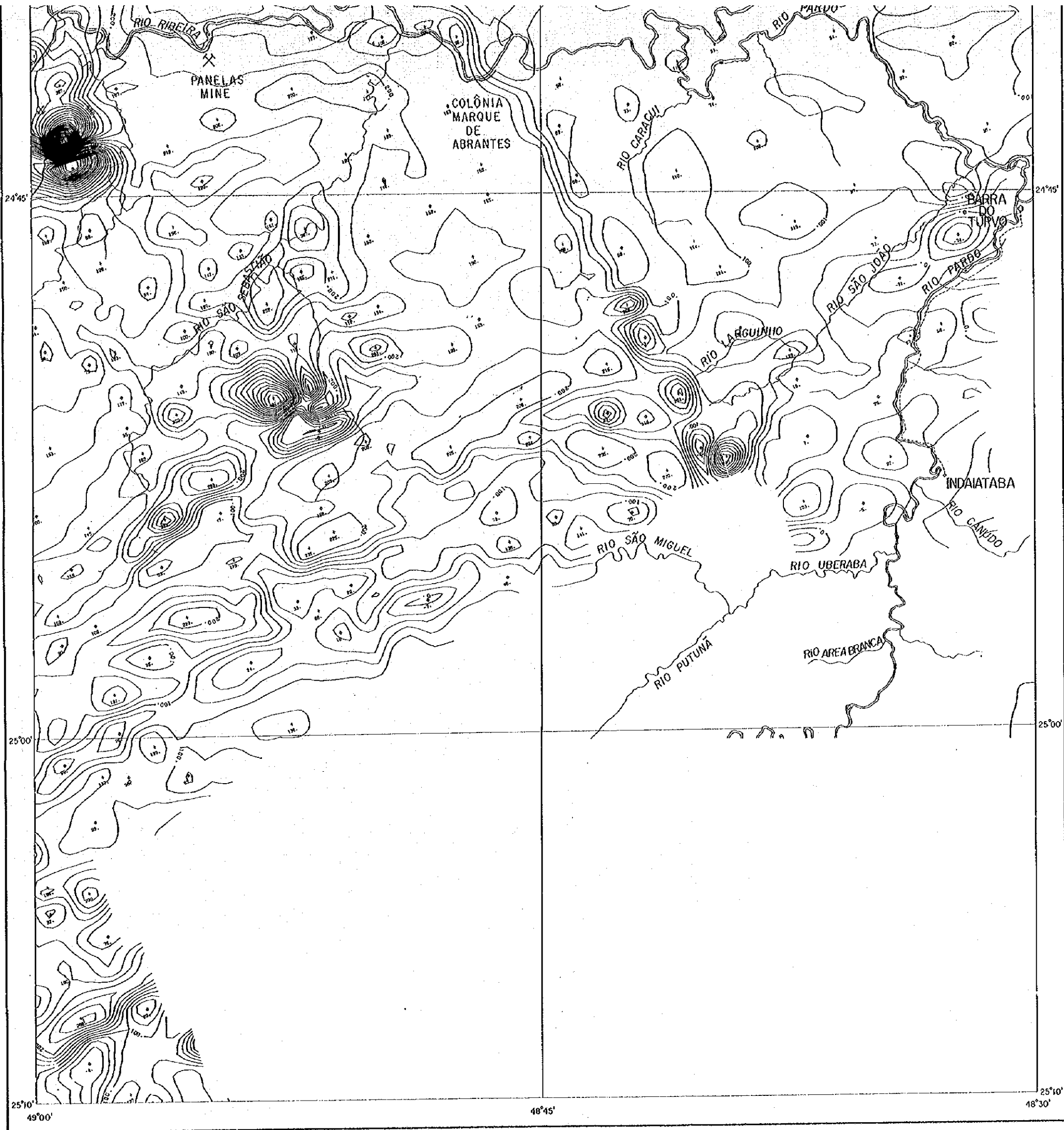
METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

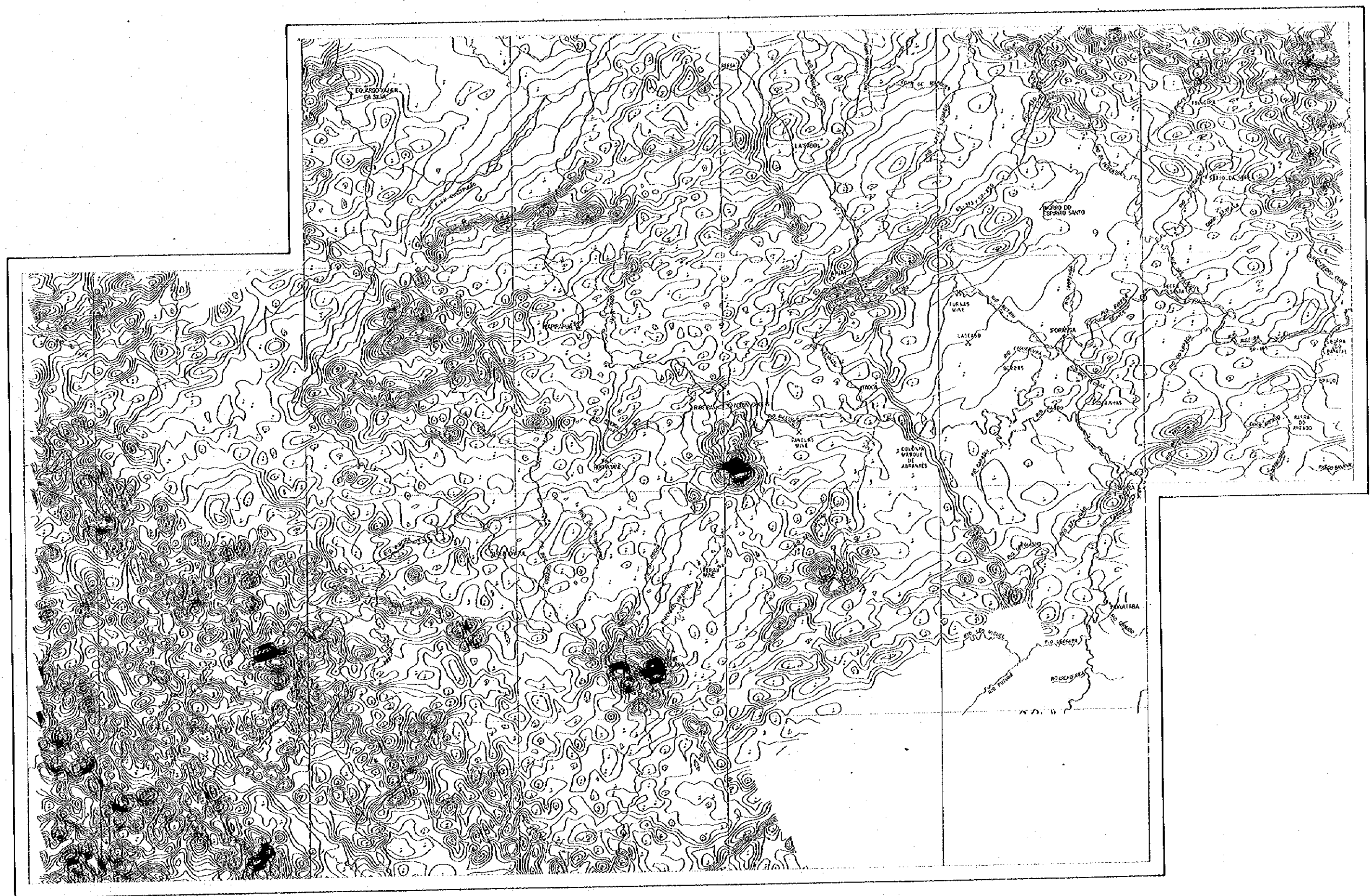
MAR. 1982
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LEGEND

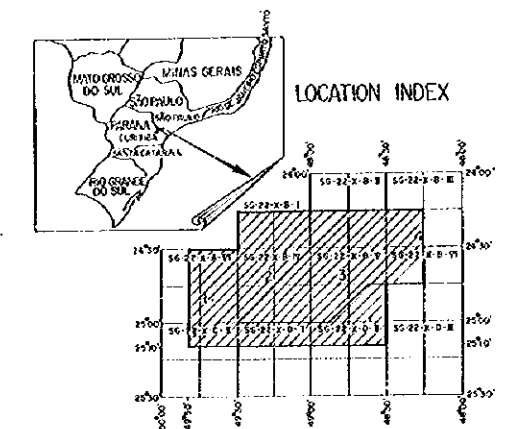
-  25 gamma
-  100 gamma
-  Mine



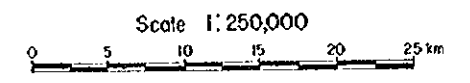


PL. II - 15

BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
 RESIDUAL MAP

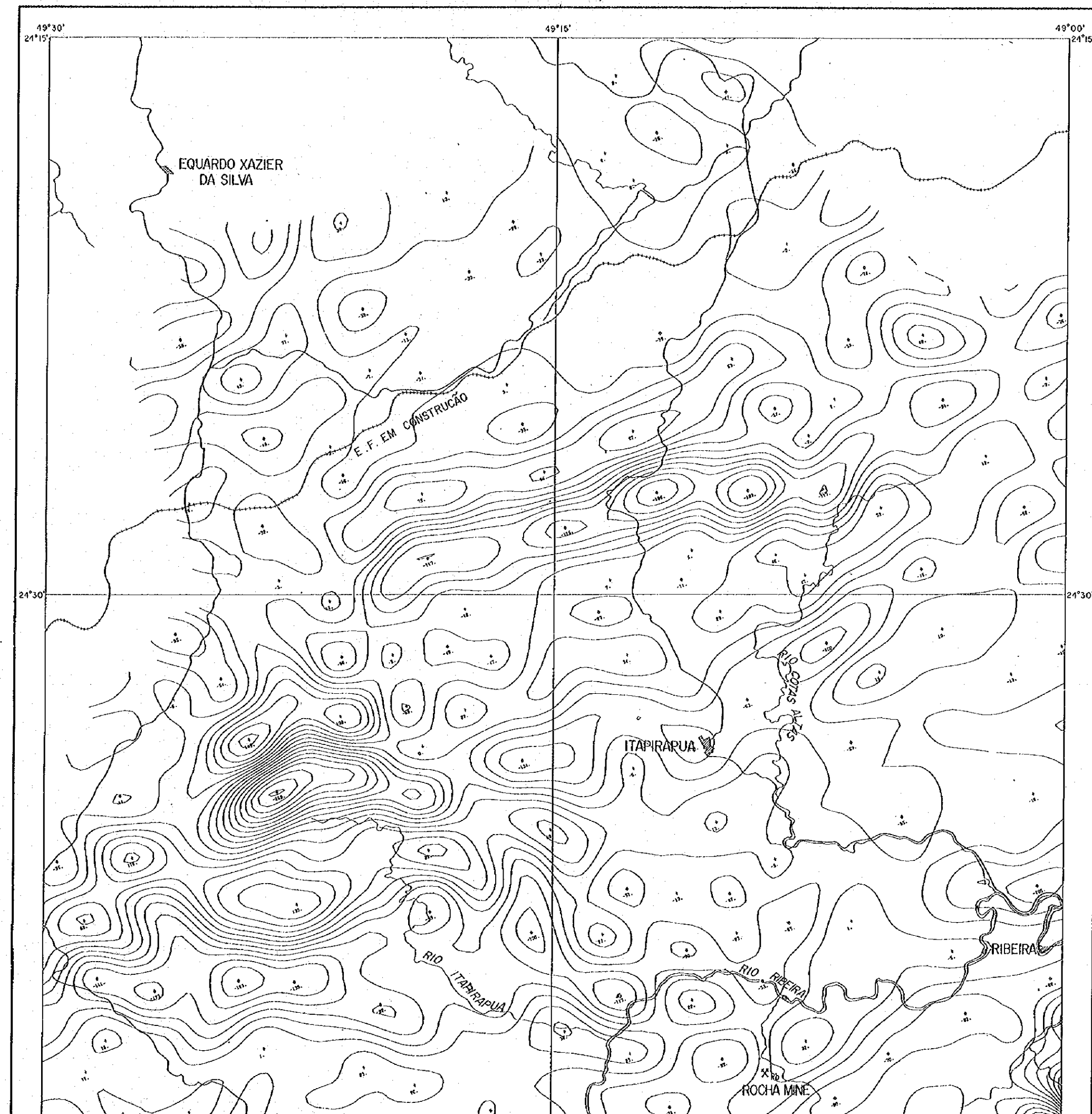


METAL MINING AGENCY OF JAPAN
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 MAR. 1982
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LEGEND

- 25 gamma
- 100 gamma
- X X Mine



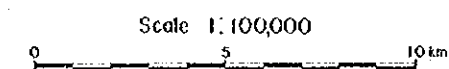
PL. II-16-2

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II
BAND-PASS MAP (BP-1)

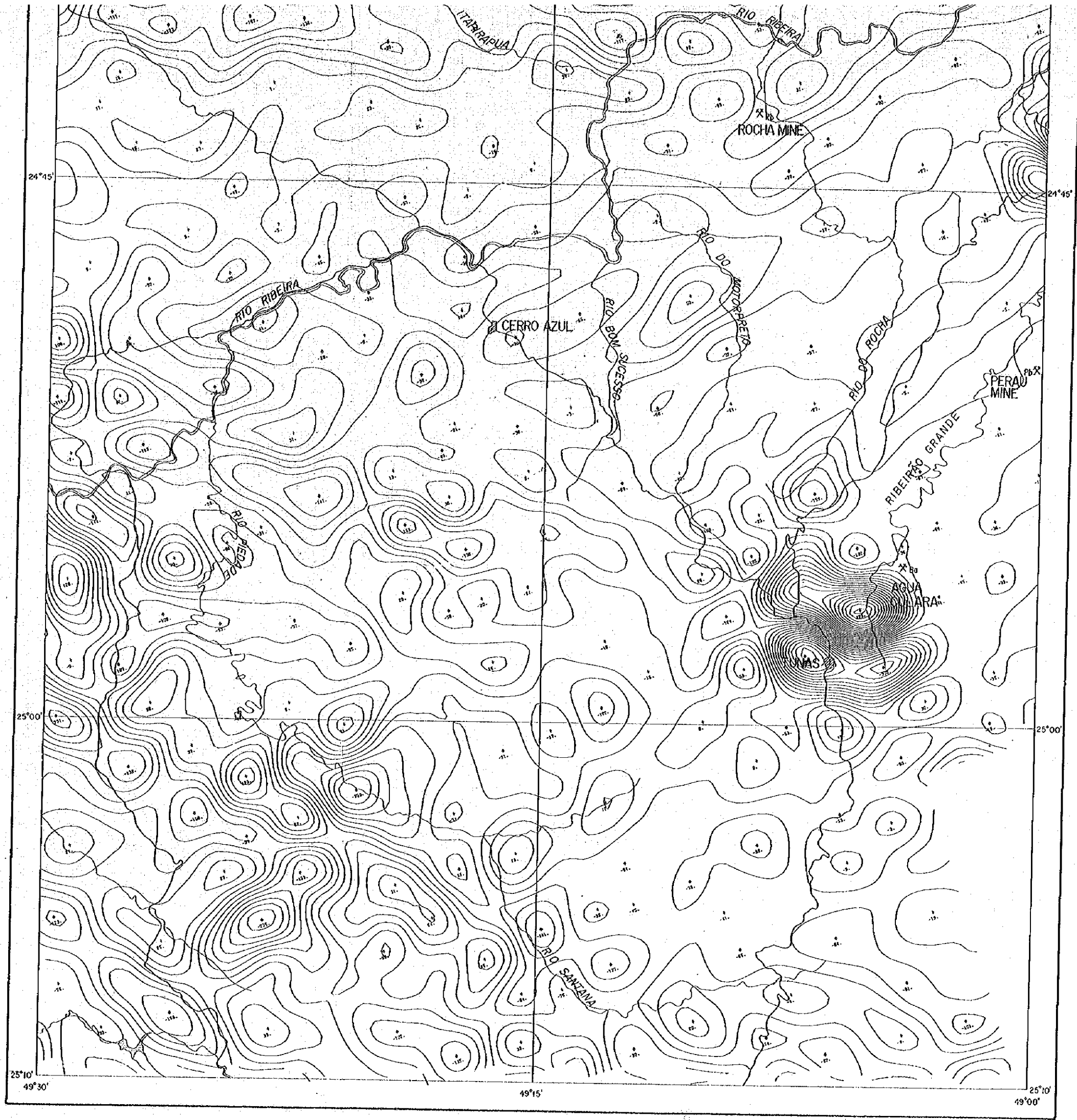
LOCATION INDEX

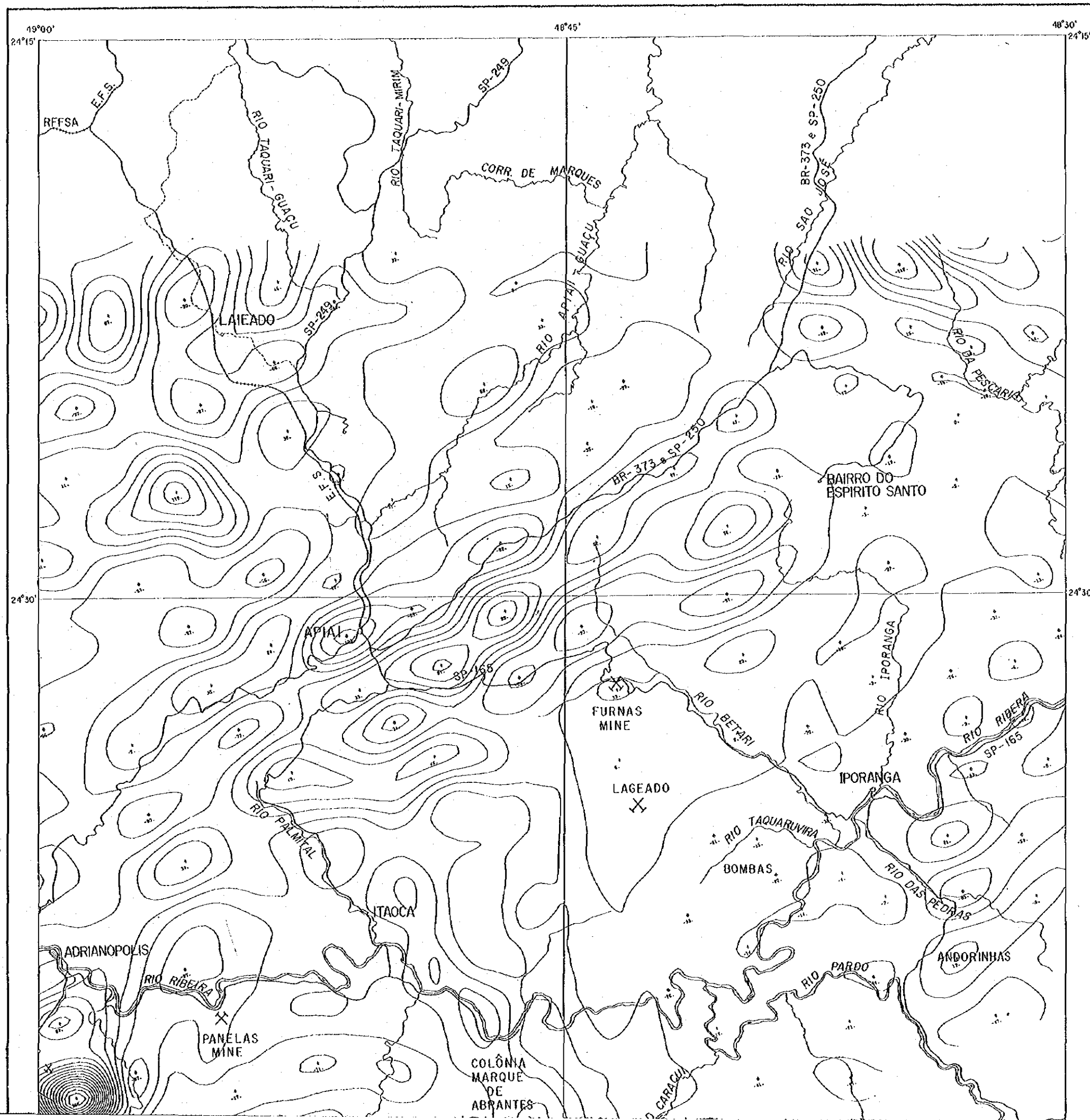
METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
 Prepared by Bishimetal Exploration Co., Ltd.



- LEGEND**
- ~ 25 gamma
 - ~ 100 gamma
 - X Mine





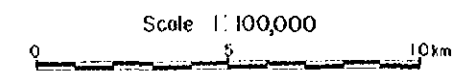
PL. II-16-3

BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
 BAND-PASS MAP (BP-1)

LOCATION INDEX

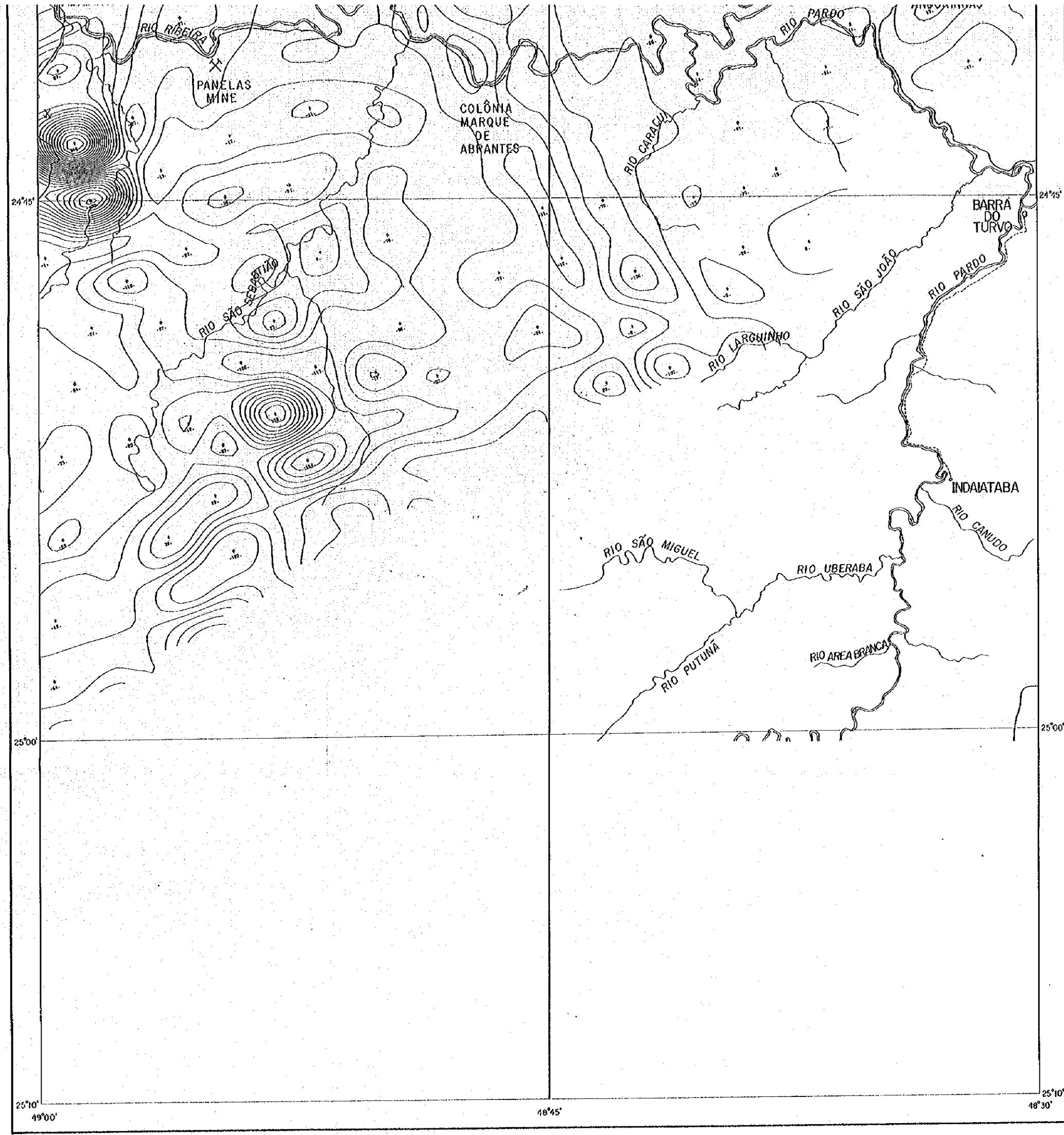
METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

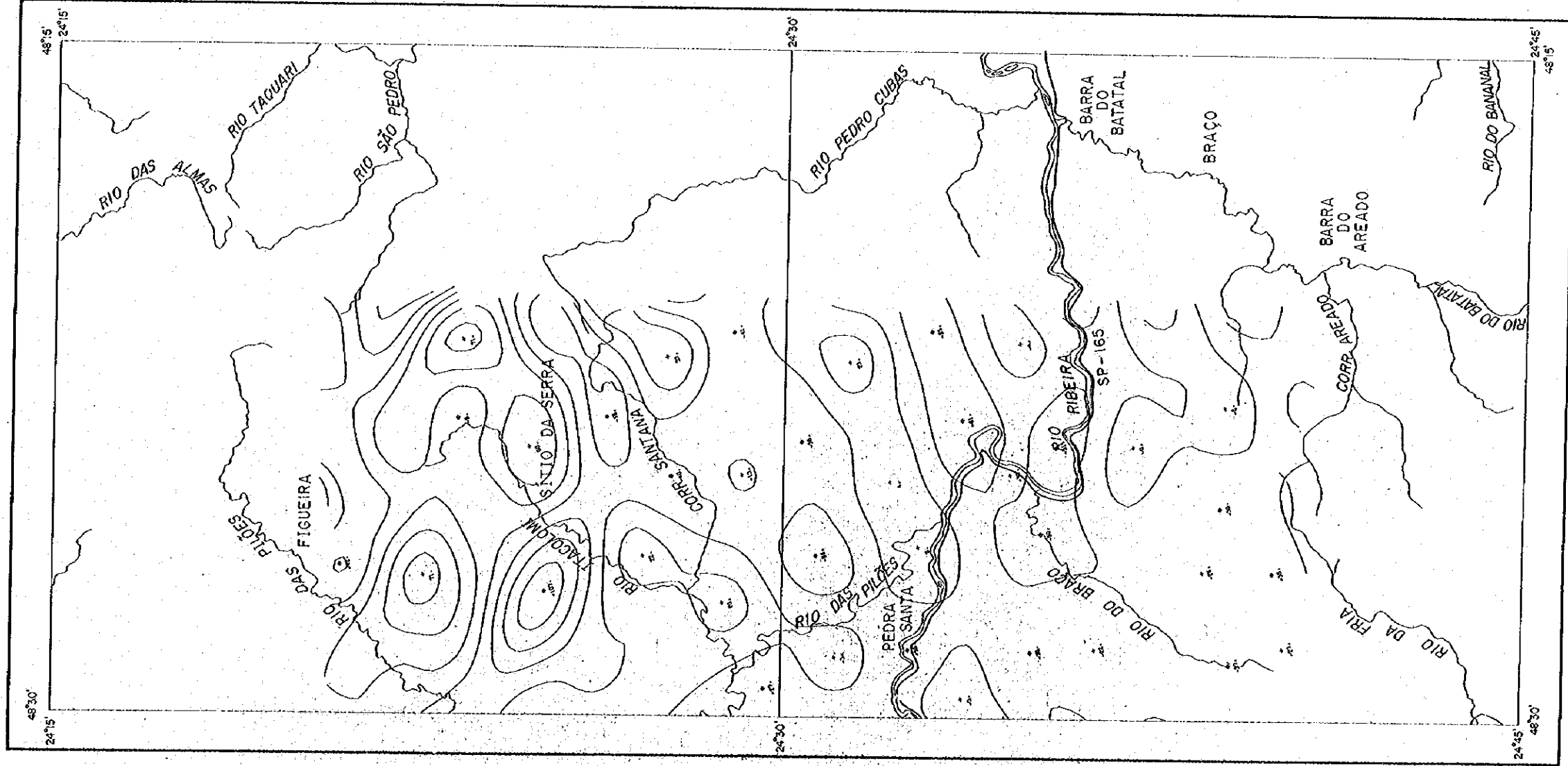
MAR. 1982
 Prepared by Bishimetal Exploration Co., Ltd.



LEGEND

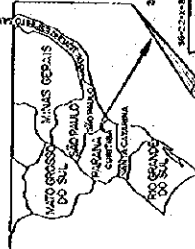
- 25 gamma
- 100 gamma
- Mine





632,85
PL. II-16-4

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II
BAND-PASS MAP (BP-1)

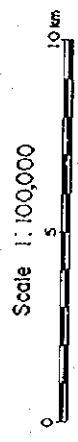


LOCATION INDEX

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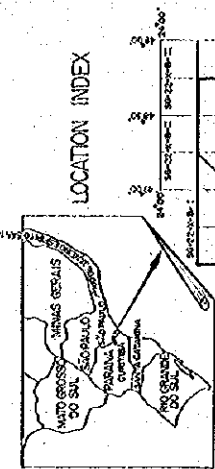
MAR. 1982
Prepared by Sibimetel Exploration Co., Ltd.

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

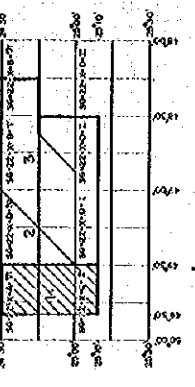


- LEGEND**
- 25 gamma
 - 100 gamma
 - Mine

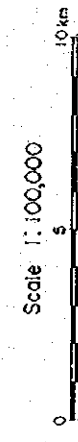
PL. II-18-1
BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
BAND-PASS MAP (BP-2)



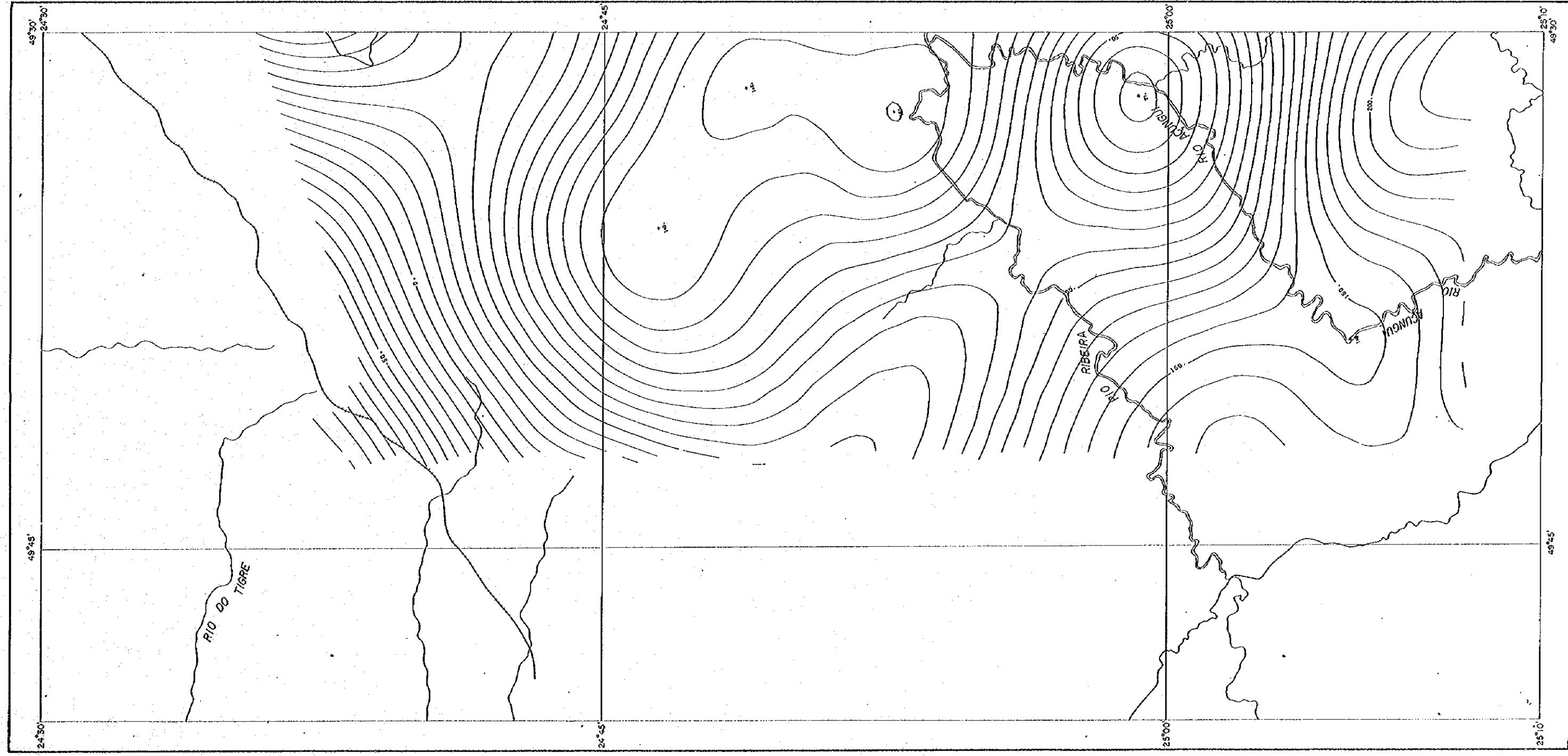
LOCATION INDEX

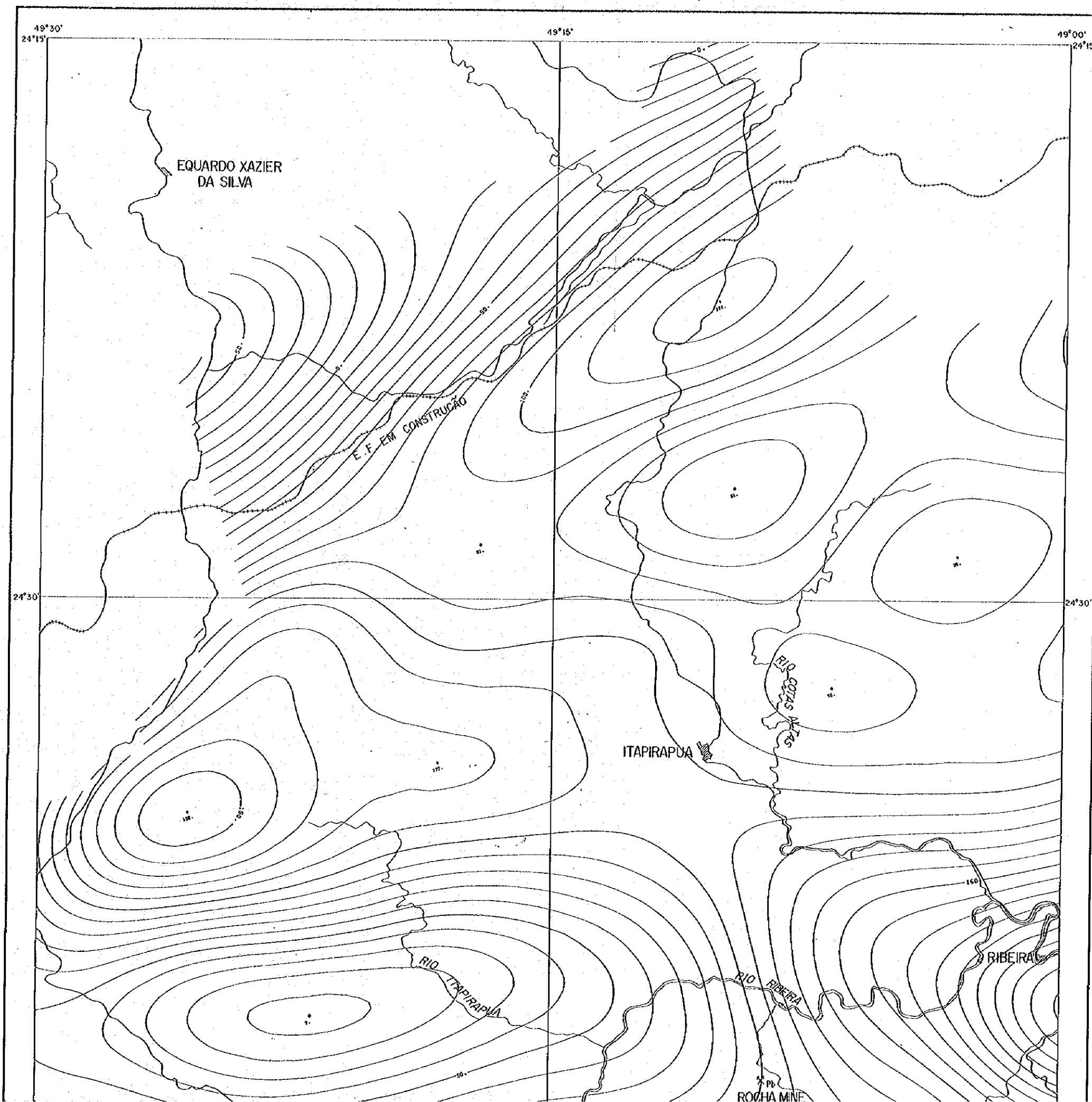


MAR. 1982
 METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY
 Prepared by Bishmetal Exploration Co., Ltd.



- LEGEND**
- 10 gamma
 - 50 gamma
 - Mine





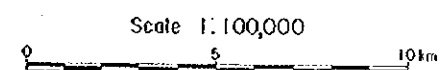
PL. II-18-2

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II
BAND-PASS MAP (BP-2)

LOCATION INDEX

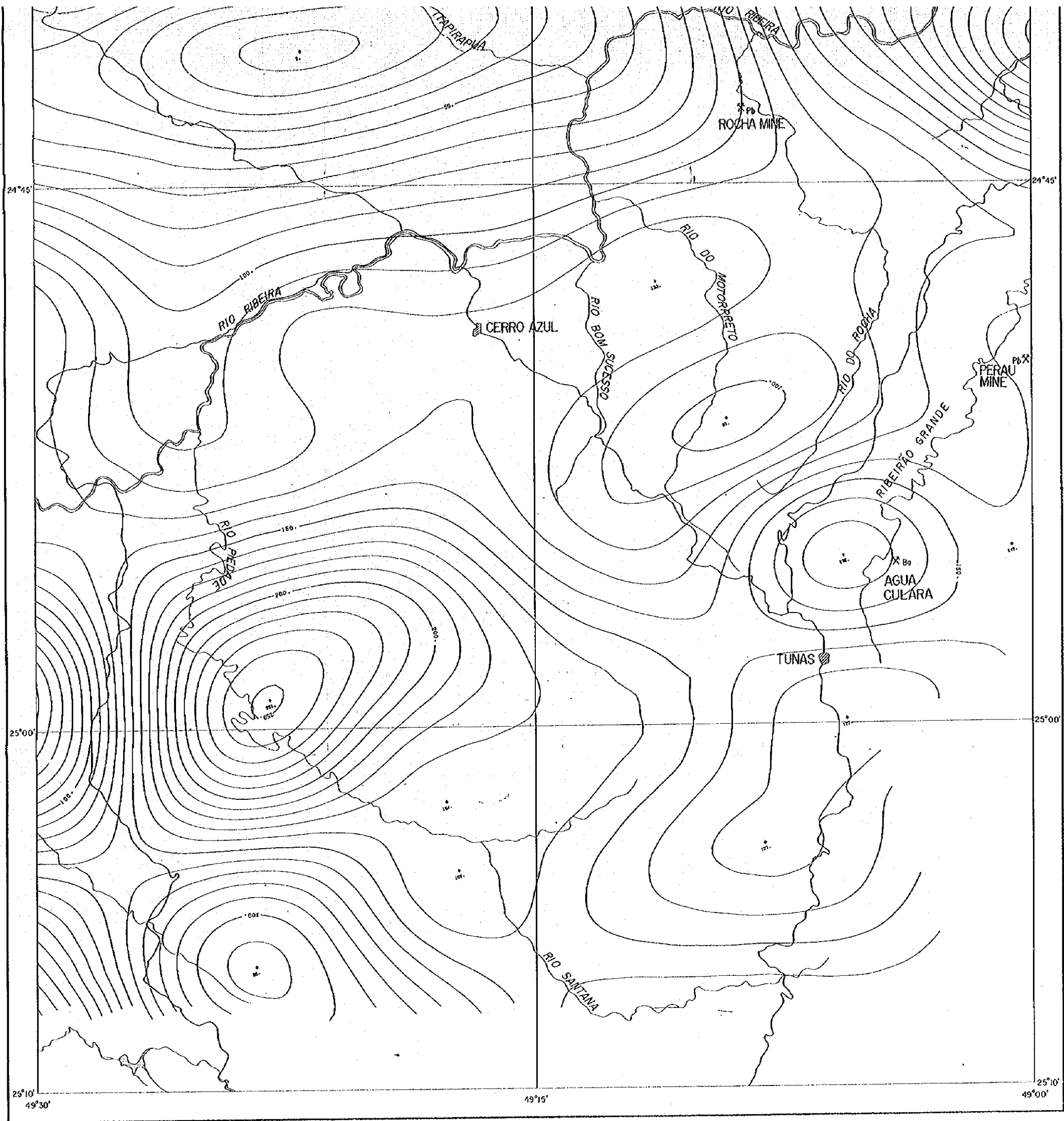
METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

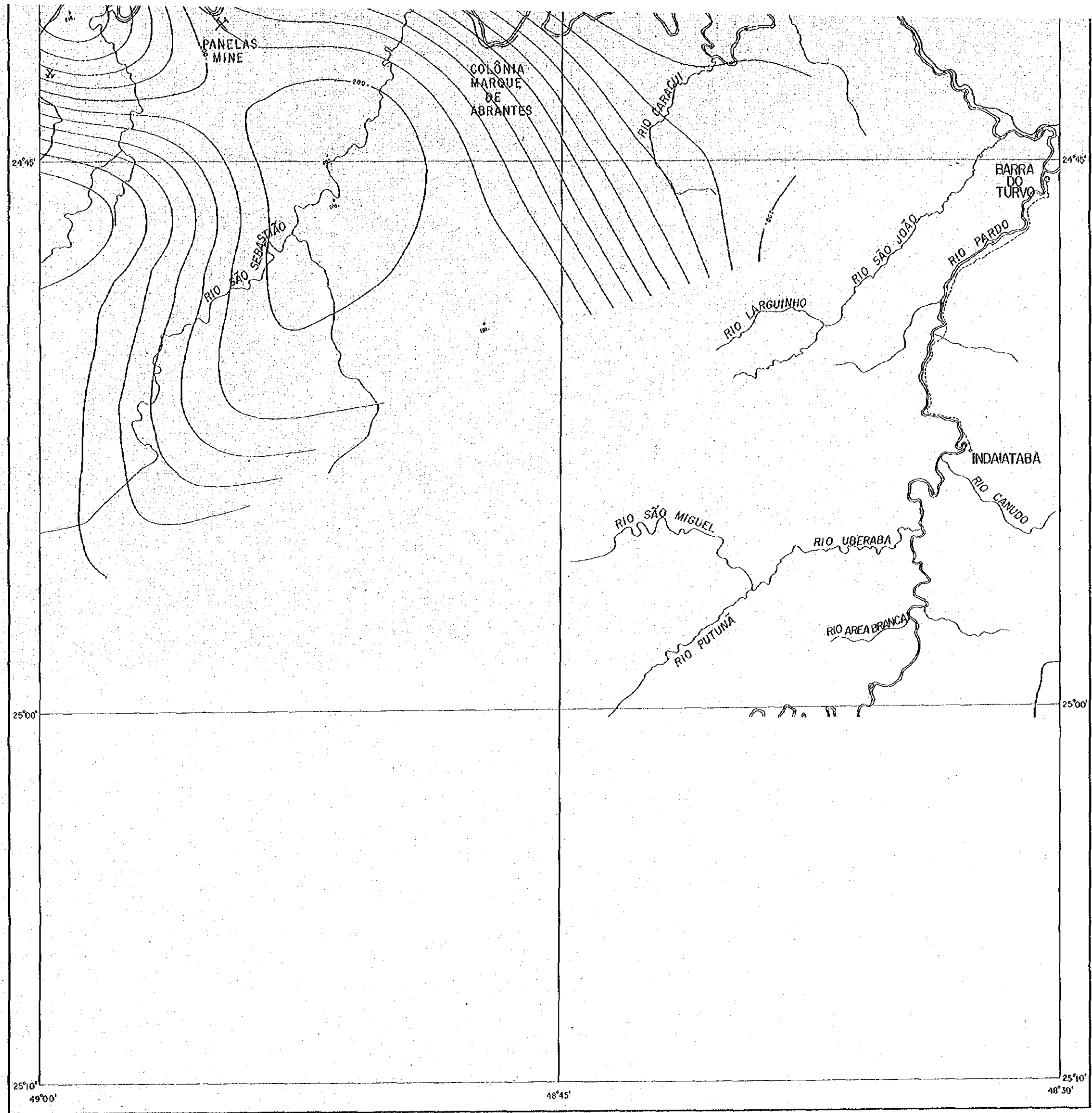
MAR. 1982
Prepared by Bishimetal Exploration Co., Ltd.



LEGEND

- 10 gamma
- 50 gamma
- Mine





PL. II-20-1

BRAZIL
GEOLOGICAL SURVEY
OF
ANTA GORDA AREA
PHASE II

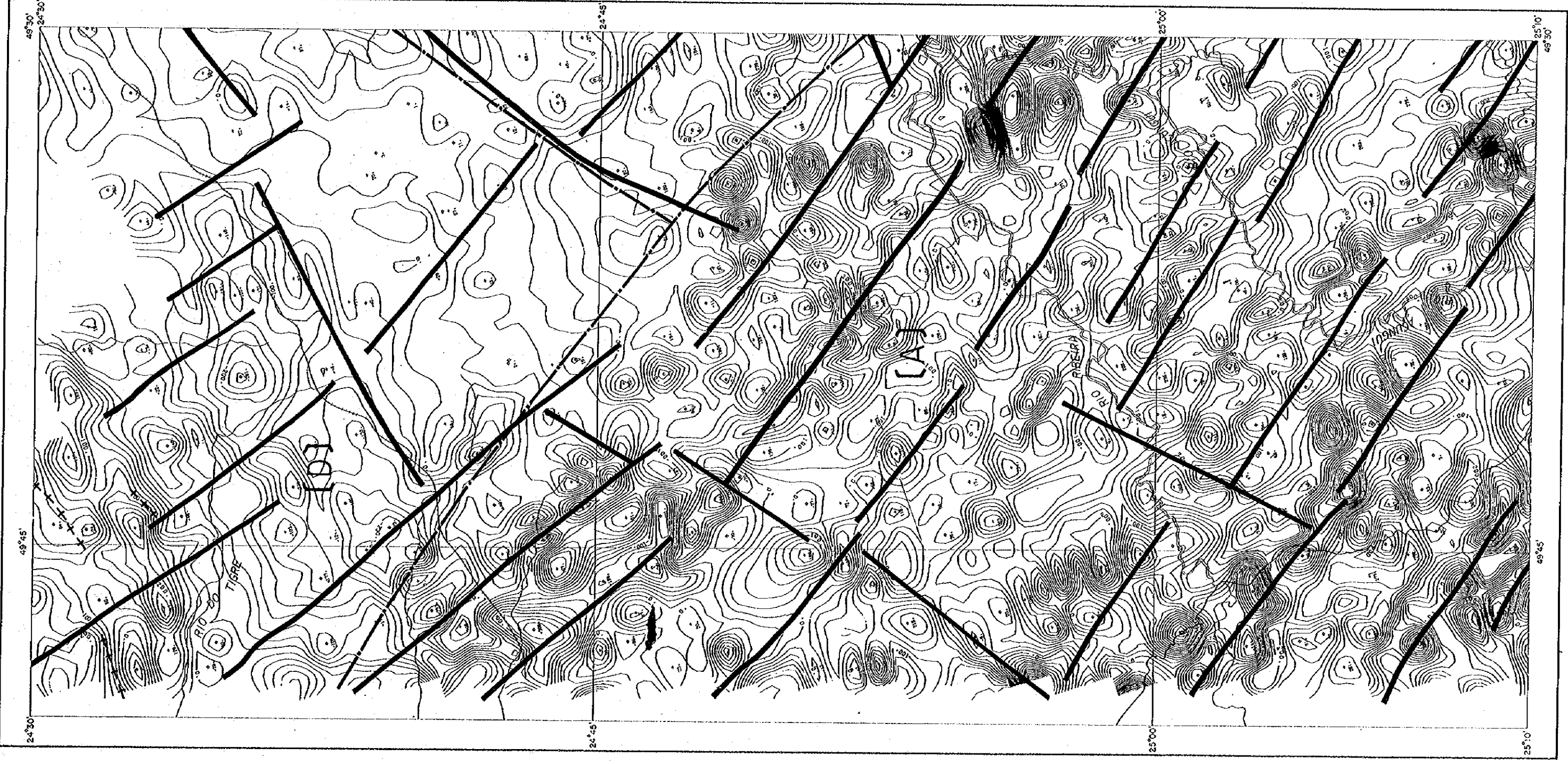
INTERPRETATION MAP

LOCATION INDEX

MAR. 1962
 Prepared by Babineal Exploration Co. Ltd.

METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

Scale 1:100,000



LEGEND

25 gamma } Interpretation Map
 100 gamma }
 Mine

OUTCROPPED HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ gauss) AND ITS DIP ANGLE
 45°
 30°
 15°

CONCEALED HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ gauss)

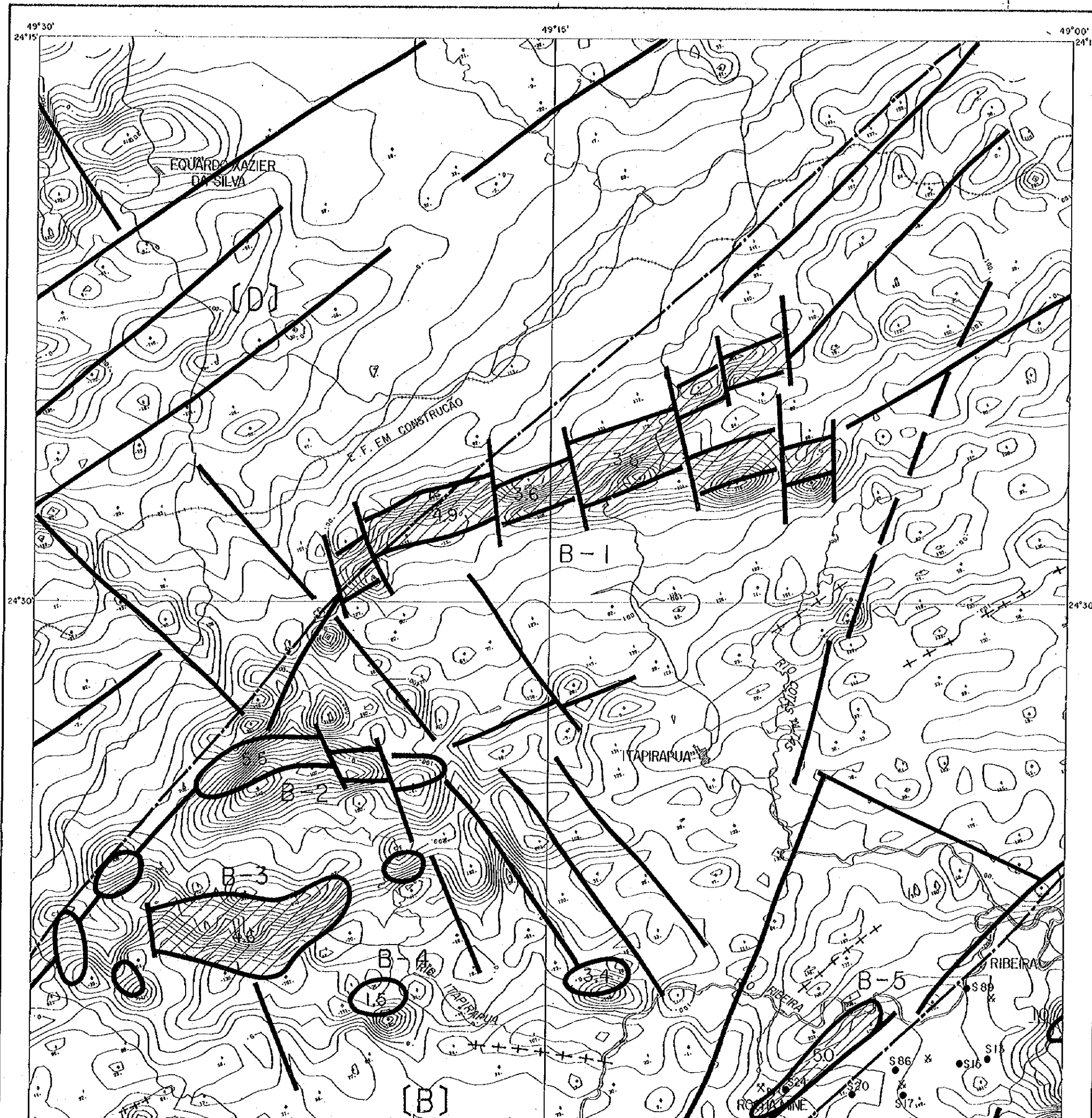
MAGNETIZED BODY

MAGNETIC DISCONTINUITY (BOUNDARIES OF ROCK FACIES, FAULT, ETC.)

RANK-B MAGNETIZED BODY

BOUNDARY BETWEEN ZONES AND ZONE SYMBOL

● S93 SAMPLE FOR MAGNETIC SUSCEPTIBILITY



PL. II-20-2

BRAZIL

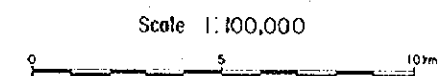
GEOLOGICAL SURVEY OF ANTA GORDA AREA PHASE II

INTERPRETATION MAP

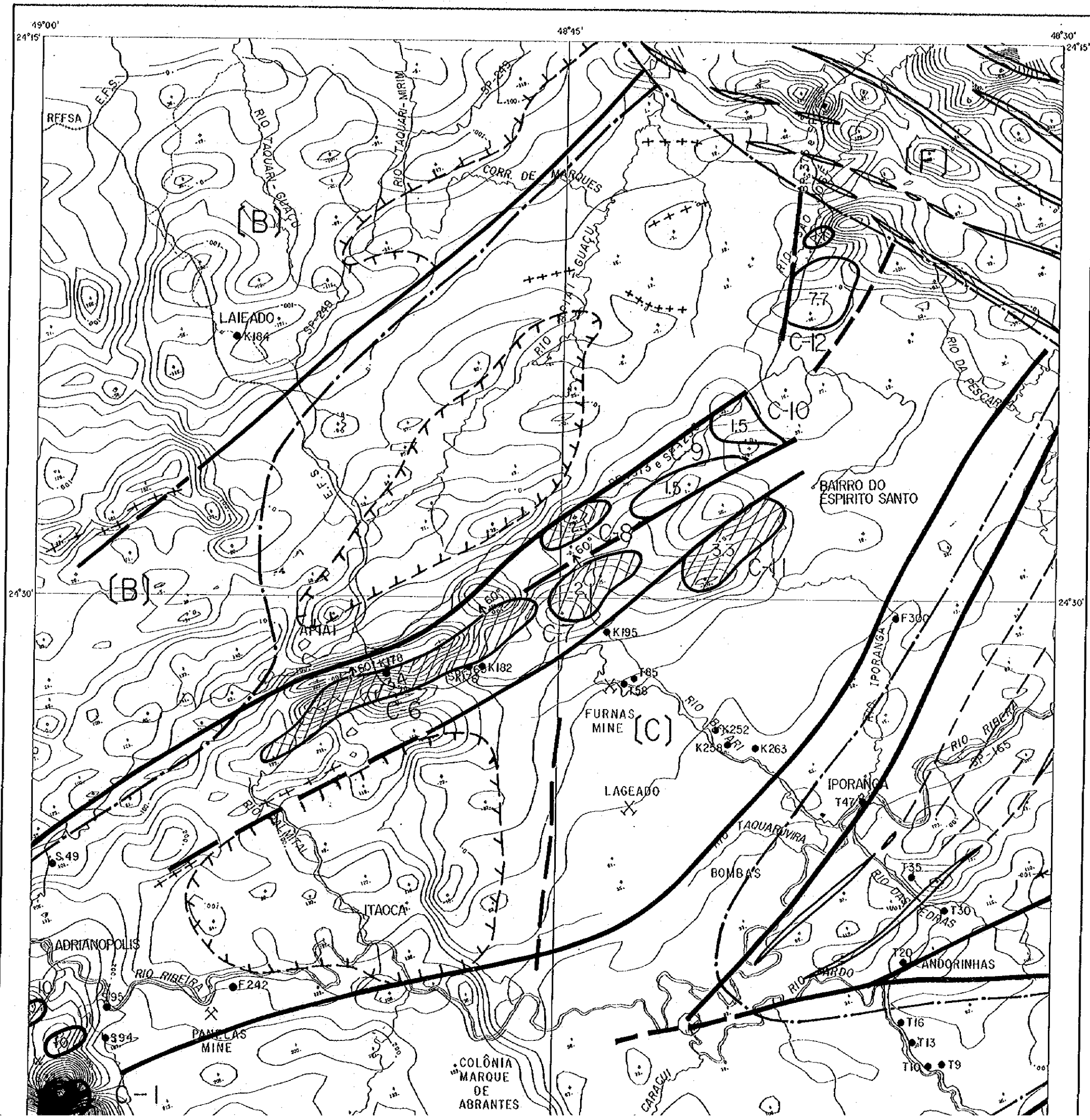
LOCATION INDEX

METAL MINING AGENCY OF JAPAN
JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
Prepared by Bishimetal Exploration Co., Ltd.

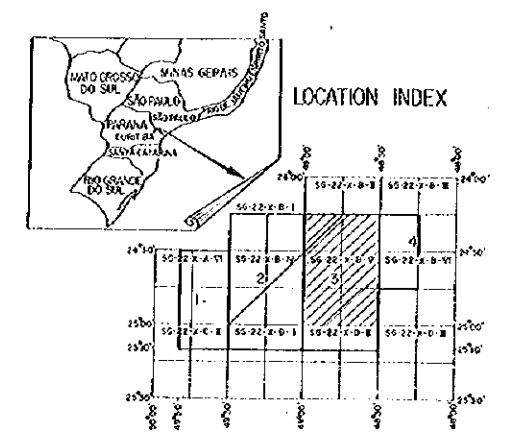


- #### LEGEND
- 25 gamma
 - 100 gamma
 - Mine
- } Interpretation Map
- OUTCROPPED, HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ cgsemu) AND ITS DIP ANGLE
 - CONCEALED HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ cgsemu)
 - MAGNETIZED BODY
 - MAGNETIC DISCONTINUITY (BOUNDARIES OF ROCK FACIES, FAULT, ETC.)
 - RANK-B MAGNETIZED BODY
 - BOUNDARY BETWEEN ZONES AND ZONE SYMBOL
 - SAMPLE FOR MAGNETIC SUSCEPTIBILITY



BRAZIL
 GEOLOGICAL SURVEY
 OF
 ANTA GORDA AREA
 PHASE II
 INTERPRETATION MAP

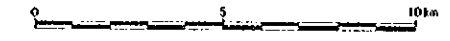
PL. II-20-3



METAL MINING AGENCY OF JAPAN
 JAPAN INTERNATIONAL COOPERATION AGENCY

MAR. 1982
 Prepared by Bishimetal Exploration Co., Ltd.

Scale 1:100,000



LEGEND

- ~ 25 gamma
- ~ 100 gamma
- X X Mine
- (3.9) OUTCROPPED, HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ cgsemu) AND ITS DIP ANGLE
- (1.5) CONCEALED HIGHLY MAGNETIZED BODY WITH SUSCEPTIBILITY ($\times 10^{-3}$ cgsemu)
- MAGNETIZED BODY
- +++ MAGNETIC DISCONTINUITY (BOUNDARIES OF ROCK FACIES, FAULT, ETC.)
- (C) RANK-B MAGNETIZED BODY
- (C) BOUNDARY BETWEEN ZONES AND ZONE SYMBOL
- S93 SAMPLE FOR MAGNETIC SUSCEPTIBILITY

