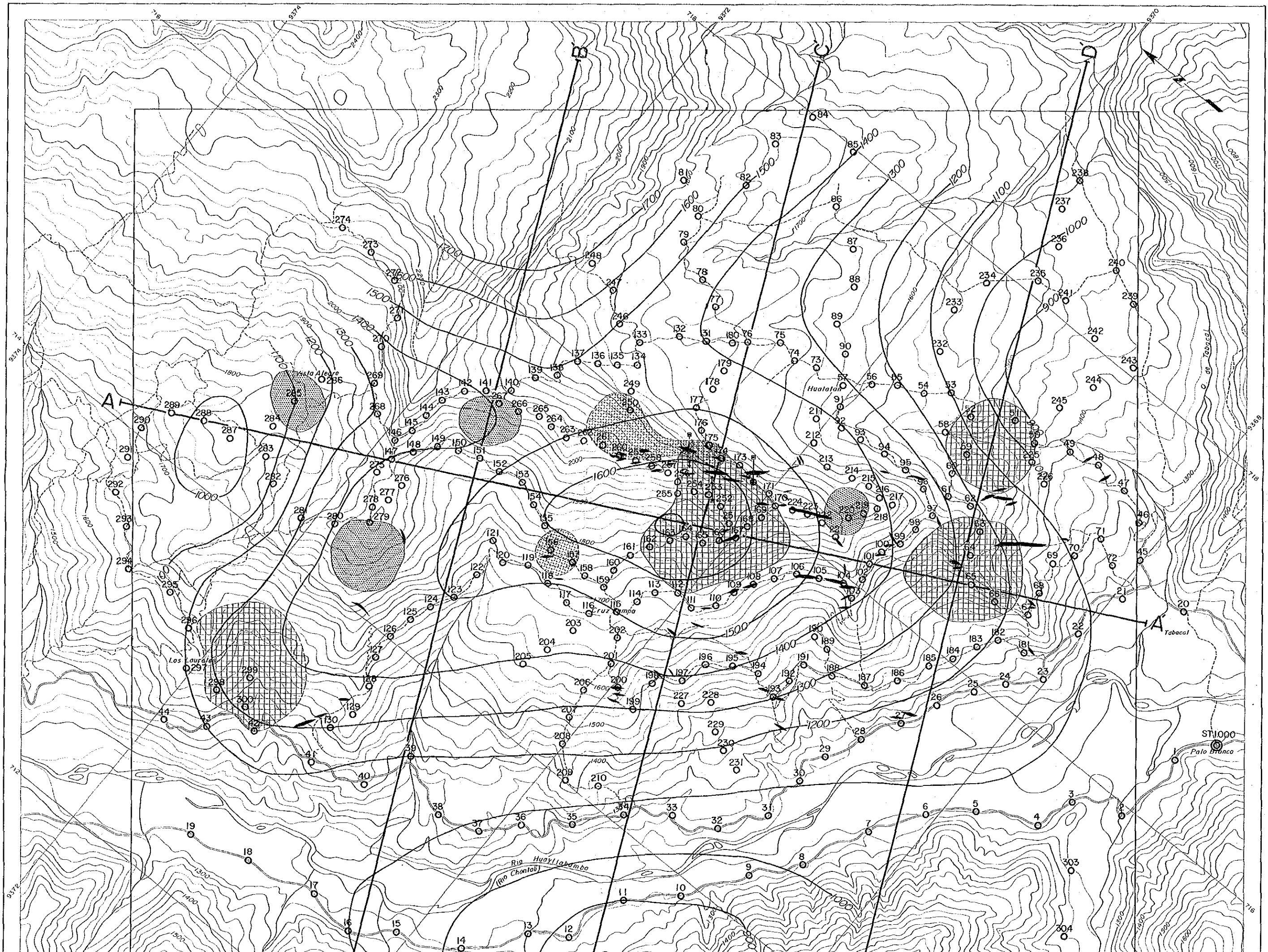
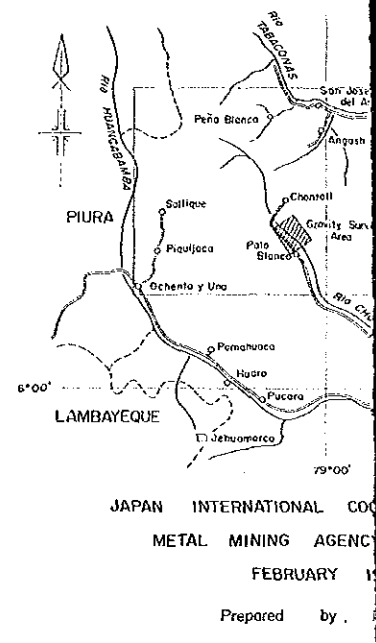
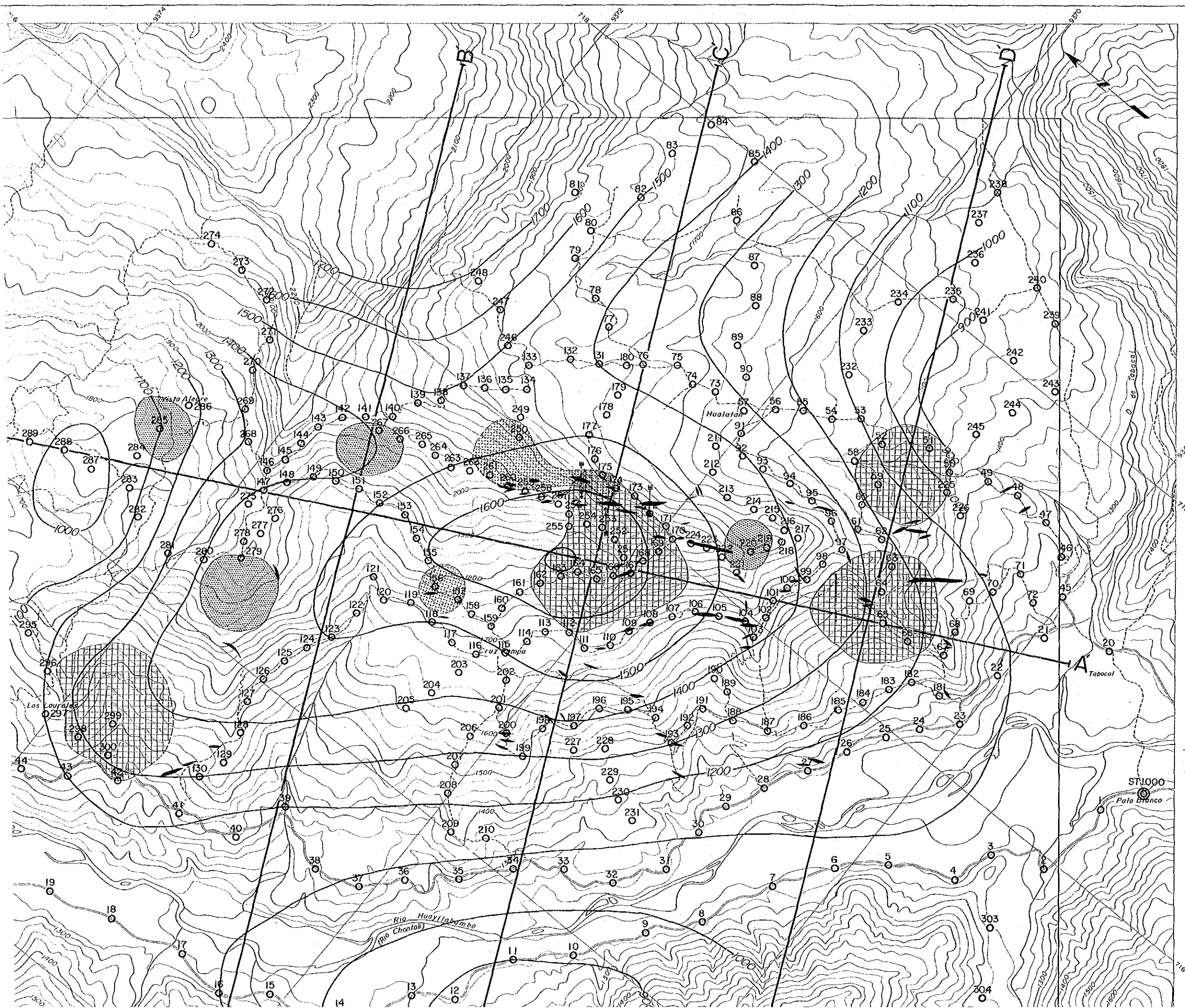


THE MINERAL EXPLORATION
 IN THE PACHAPIRIANA AREA,
 (PHASE II)
 PL.-6
 Geophysical Interpretation



LEGEND

- A-A' Cross section
- Boring site
- Quartz vein
- - - Contour of basement depth
- 100m interval
- ▨ High density zone on basement
- ▩ Assumed High density zone on basement
- Low resistivity zone (<20 m)
- ⊗ High resistivity zone (>1000 m)



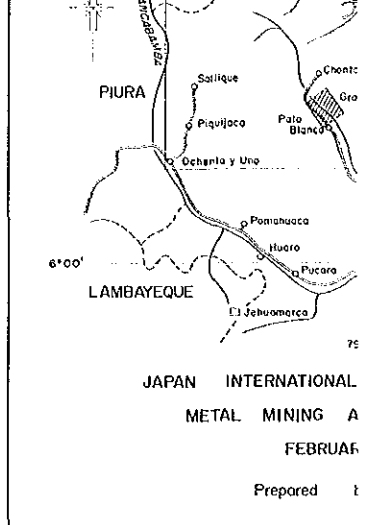
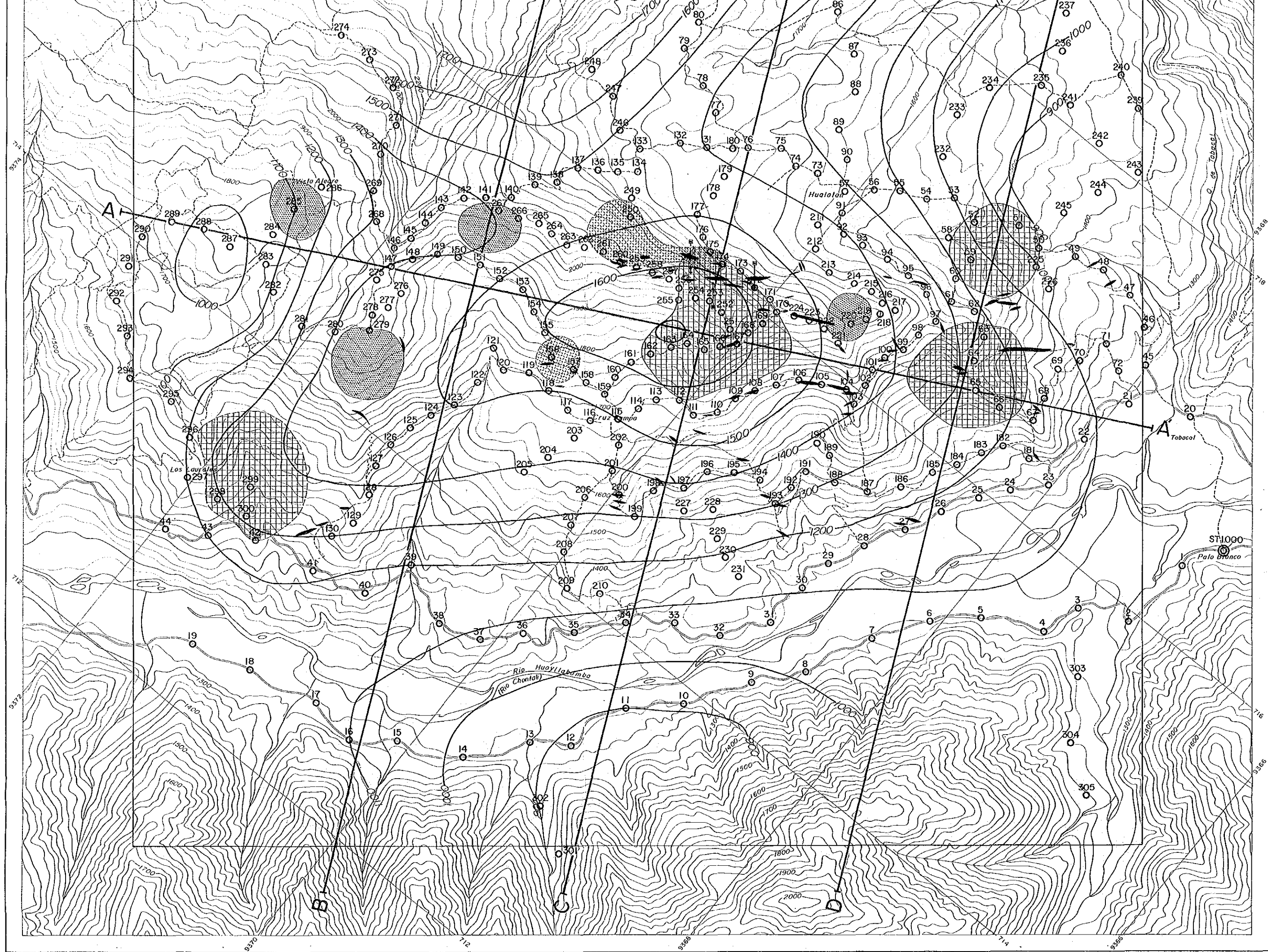
THE MINERAL EXPLORATION
IN
THE PACHAPIRIANA AREA, REPUBLIC OF PERU
(PHASE III)

PL.-6
Geophysical Interpretation Map

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1991
Prepared by MINDECO

LEGEND

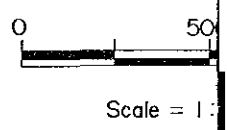
- A-A' Cross section
- Boring site
- Quartz vein
- Contour of basement depth
- 100m interval
- ▨ High density zone on basement
- ▨ Assumed High density zone on basement
- Low resistivity zone (<20 m)
- ⊞ High resistivity zone (>1000 m)

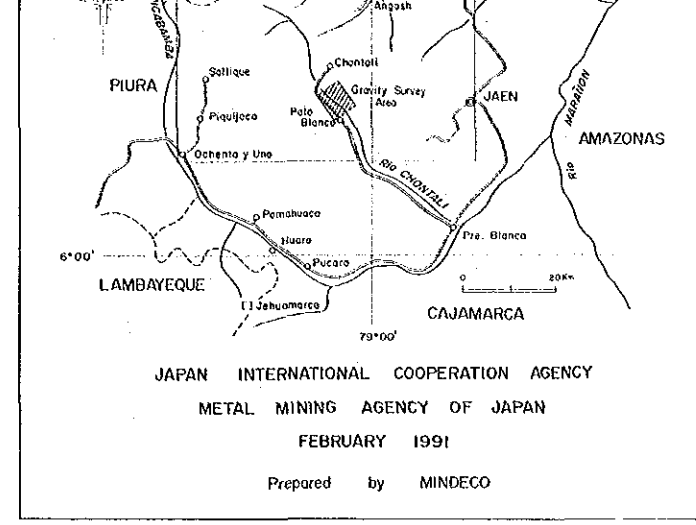
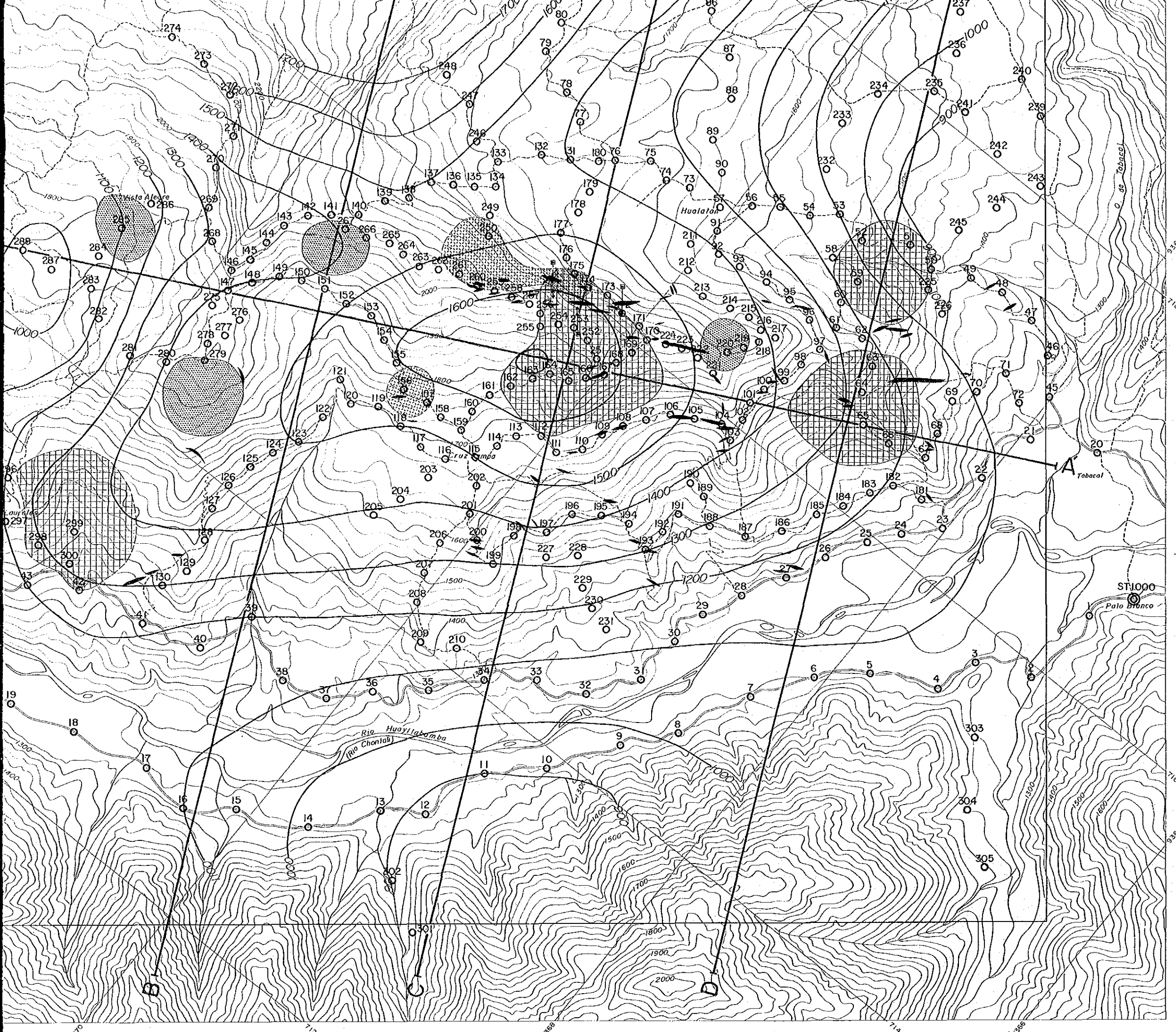


JAPAN INTERNATIONAL
METAL MINING AGENCY
FEBRUARY 1968
Prepared by

LEGEND

- A-A' Cross section line
- ⊠ Boring site
- Quartz vein
- Contour of basement
- 100m interval
- ▨ High density on basement
- ▧ Assumed High zone on basement
- Low resistivity (<20 m)
- ⊗ High resistivity (>1000 m)

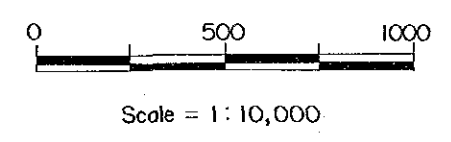




JAPAN INTERNATIONAL COOPERATION AGENCY
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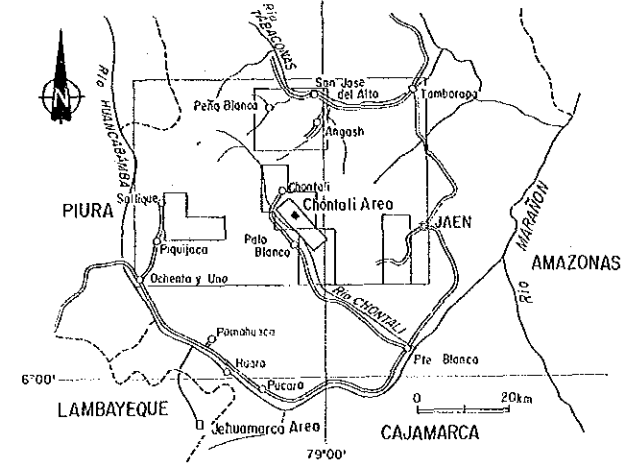
LEGEND

- A-A' Cross section
- ⊕ Boring site
- Quartz vein
- Contour of basement depth
- 100m interval
- ▨ High density zone on basement
- ▩ Assumed High density zone on basement
- Low resistivity zone (<20 m)
- ⊗ High resistivity zone (>1000 m)

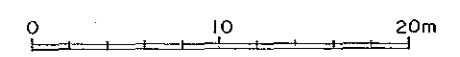


THE MINERAL EXPLORATION IN THE PACHAPIRIANA AREA, REPUBLIC OF PERU (PHASE III)

Core Log (MJPC-2) Chontali Area



JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN FEBRUARY 1991 prepared by MINDECO



Location : 9°37'0.610"N, 71°6'07.3"E Elevation : 1,822.11m Direction : 230° Inclination : -40°

LEGEND

Legend table with symbols for shale, tuff, lapilli tuff, tuff breccia, andesite, brecciated rock, fault breccia, sheared zone, quartz zone, and missing zone, along with alteration intensity symbols.

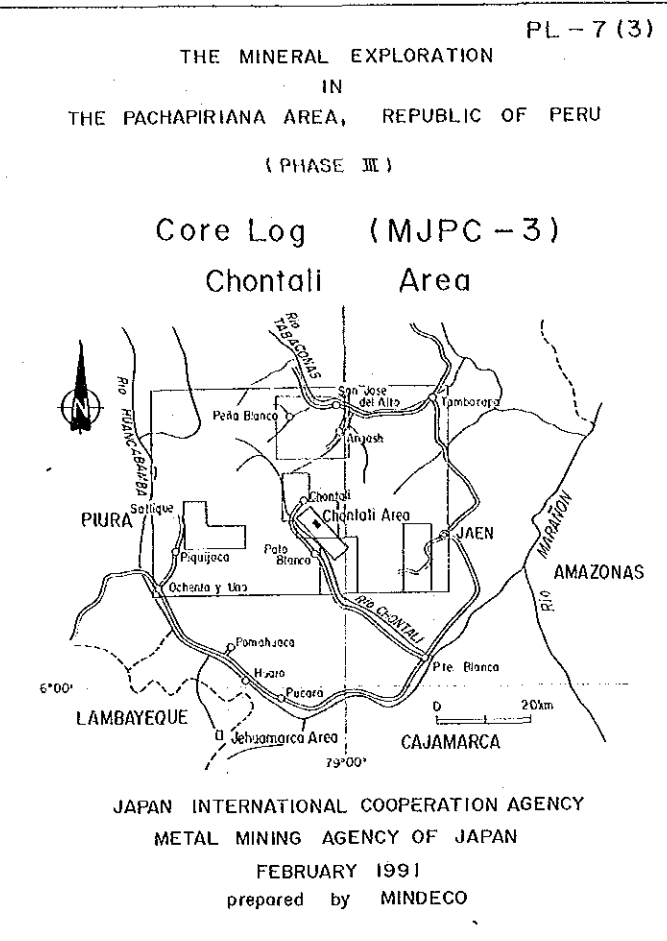
Table of abbreviations for geological features: sh (shale), lf (luff or tuffaceous), lp-lf (lapilli tuff), lf-bre (tuff breccia), Sil (silicification), Arg (argillization), chl (chloritization), ep (epidatization), oth (others), wk (weak), py (pyrite), Cp (chalcopyrite), Trh (tetrahedrite), Sp (sphalerite), Gn (galena), cc (chalcocite), Bn (bornite), limo (limonite or limonitized), Hm (hematite), Hb (hornblende), Qtz (quartz), dr (drusy), v (vein).

Main core log table with columns for Depth, Observation, Alteration, Mineralization, and Assay. It contains detailed data for three core sections from 0-100m, 100-200m, and 200-300m depth.

Depth	Observation	Fracture	Alteration				Mineralization				Assay		
			Si	Al	Chl	Arg	Py	Cp	Trh	Sp	Gn	oth	Au g/t
0	limo weathered Ip-If (soil?)												
10	limo weathered Sil Arg Ip-If												
20	limo Sil Arg Ip-If												
30	limo Sil Arg Ip-If												
40	limo Sil Arg Ip-If												
50	limo Sil Arg Ip-If												
60	limo Sil Arg Ip-If												
70	limo Sil Arg Ip-If												
80	limo Sil Arg Ip-If												
90	limo Sil Arg Ip-If												
100	limo Sil Arg Ip-If												

Depth	Observation	Fracture	Alteration				Mineralization				Assay		
			Si	Al	Chl	Arg	Py	Cp	Trh	Sp	Gn	oth	Au g/t
30	white-grey clay 5cm												
40	Qtz v 2.5cm												
50	Qtz v 1cm												
60	Qtz v 1cm												
70	Qtz v 1cm												
80	Qtz v 1cm												
90	Qtz v 1cm												
100	Qtz v 1cm												

Depth	Observation	Fracture	Alteration				Mineralization				Assay		
			Si	Al	Chl	Arg	Py	Cp	Trh	Sp	Gn	oth	Au g/t
30	fault breccia												
40	Qtz v 2-1cm parallel v in 3												
50	Qtz v 2cm												
60	Qtz v 10cm with py												
70	Qtz v 1-0.3cm												
80	Qtz v 1cm												
90	Qtz v 1cm												
100	Qtz v 3cm												



Location : 9°37'0.278" N, 75°15'29" E
Elevation : 1,947.36m
Direction : 50° Inclination : -50°

LEGEND

Symbol

- shale
- tuff
- lapilli tuff
- tuff breccia
- andesite

Intensity of alteration and mineralization

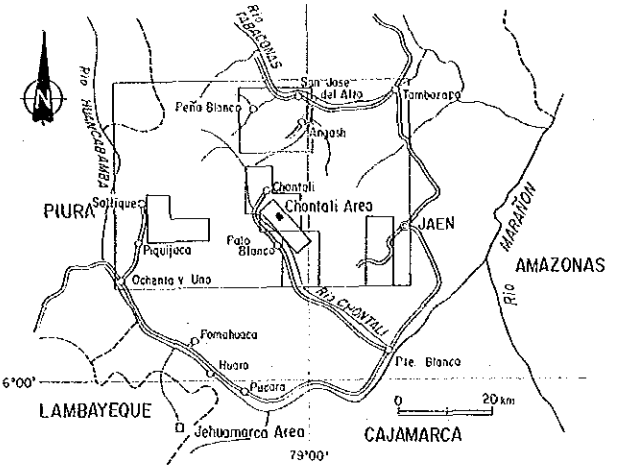
- weak
- moderate
- strong
- sporadically

- sh — shale
- rf — tuff or tuffaceous
- lp-tf — lapilli tuff
- lf-br — tuff breccia
- Sil — silicification
- Arg — argillization
- chl — chloritization
- ep — epidotization
- oth — others
- wk — weak
- py — pyrite
- Cp — chalcocopyrite
- Trh — tetrahedrite
- Sp — sphalerite
- Gn — galena
- cc — chalcocite
- Bn — bornite
- limo — limonite or limonitized
- Hm — hematite
- Hb — hornblende
- Qtz — quartz
- dr — drusy
- v — vein

- 15 intersected angle of vein
- 50 intersected angle of bedding plane

THE MINERAL EXPLORATION IN THE PACHAPIRIANA AREA, REPUBLIC OF PERU (PHASE III)

Core Log (MJPC-4) Chontali Area



JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN FEBRUARY 1991 prepared by MINDECO

Location : 9°37'0.277 N ; 71°5.828 E Elevation : 1,947.26 m Direction : 50° Inclination - 70°

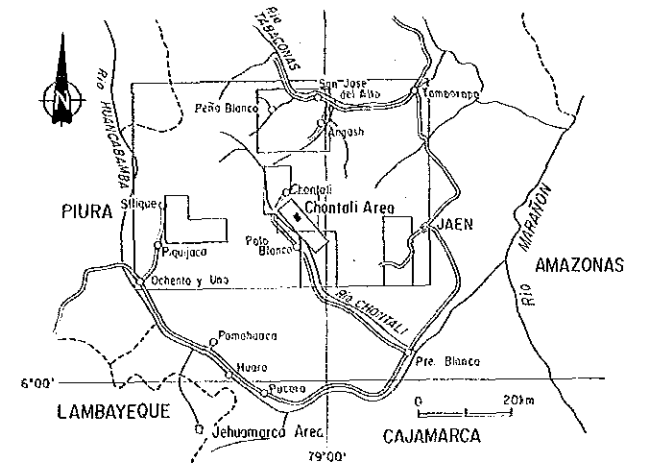
LEGEND section containing symbols for shale, tuff, lapilli tuff, tuff breccia, andesite, brecciated rock, fault breccia, sheared zone, quartz zone, missing zone, and intensity of alteration and mineralization (weak, moderate, strong, sporadically).

sh -- shale, if -- tuff or tuffaceous, lp-if -- lapilli tuff, if-bre -- tuff breccia, Arg -- argillization, chl -- chloritization, ep -- epidotization, oth -- others, wk -- weak, py -- pyrite, Cp -- chalcocopyrite, Trh -- tetrahedrite, Sp -- sphalerite, Gn -- galena, cc -- chalcocite, Bn -- bornite, limo -- limonite or limonitized, Hm -- hematite, Hb -- hornblende, Qtz -- quartz, cal -- calcite, dr -- drusy, v -- vein

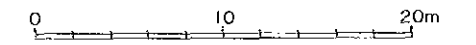
Main core log table with columns for Symbol, Depth, Observation, Alteration, Mineralization, Assay, and a second set of the same columns. The table contains detailed geological data for core MJPC-4, including lithological descriptions, alteration types, mineralization levels, and assay results for Au, Ag, and Cu.

THE MINERAL EXPLORATION IN THE PACHAPIRIANA AREA, REPUBLIC OF PERU (PHASE III)

Core Log (MJPC-5) Chontali Area



JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN FEBRUARY 1991 prepared by MINDECO



Location : 9°37'0.233 N ; 71°16'19.0 E
Elevation : 1,744.53 m
Direction : 230° Inclination - 15°

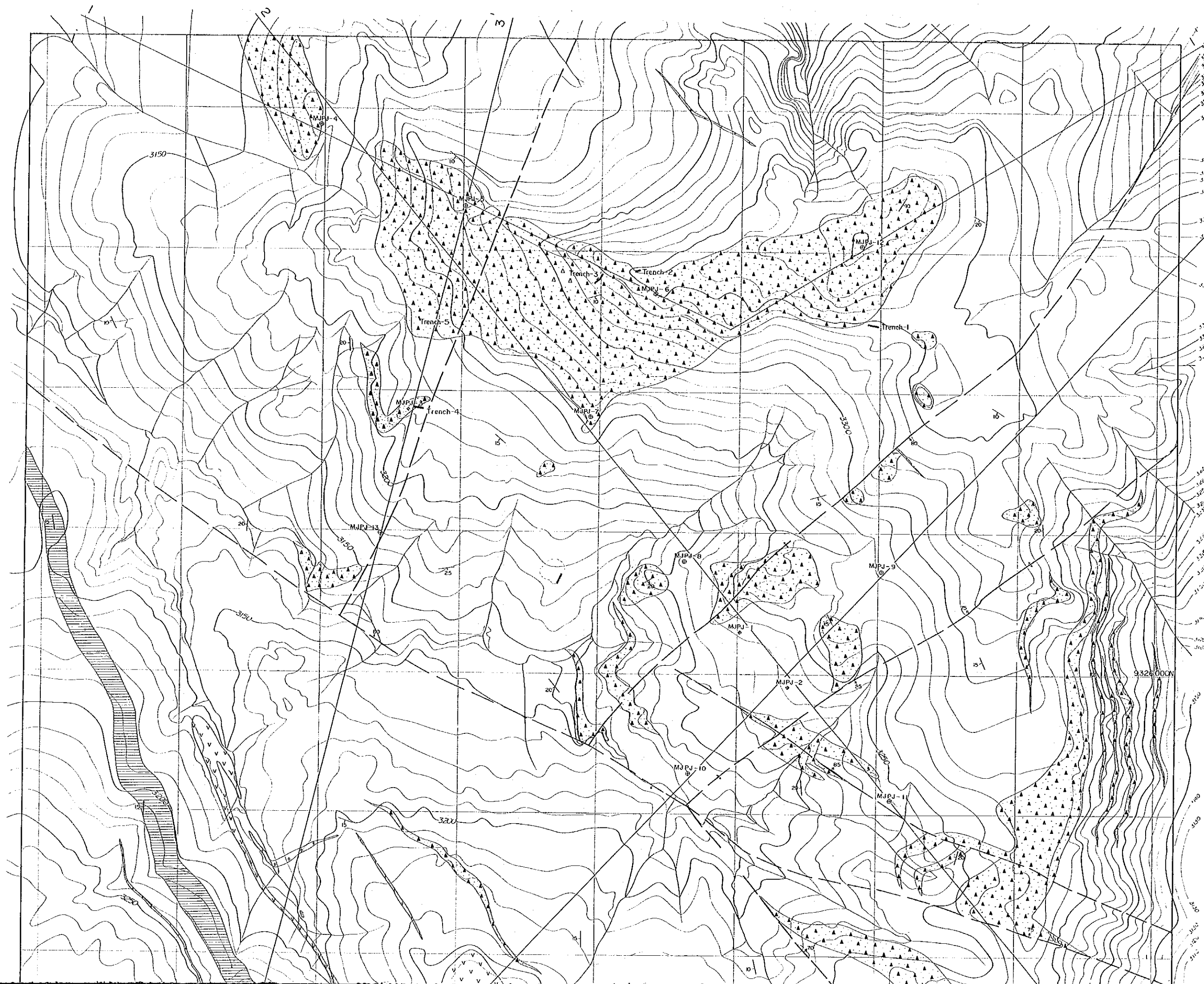
LEGEND

Legend table defining symbols for rock types (shale, tuff, lapilli tuff, tuff breccia, andesite), alteration and mineralization intensities (weak, moderate, strong, sporadically), and geological features (brecciated rock, fault breccia, sheared zone, quartz zone, missing zone).

15 intersected angle of vein
50 intersected angle of bedding plane

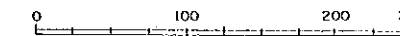
Table of mineral abbreviations: sh (shale), lf (tuff or tuffaceous), lp-tf (lapilli tuff), lf-br (tuff breccia), sil (silicification), Arg (argillization), chl (chloritization), ep (epidotization), oth (others), wk (weak), py (pyrite), Cp (chalcopyrite), Trh (tetrahedrite), Sp (sphalerite), Gn (galena), cc (chalcocite), Bn (bornite), limo (limonite or limonitized), Hm (hematite), Hb (hornblende), Qtz (quartz), dr (drusy), v (vein).

Main core log table with columns for Depth, Observation, Alteration, Mineralization, Assay, and Symbol. It contains detailed data for core MJPC-5 from 0 to 200 meters depth.



THE MINERAL EXPLORATION
IN
THE PACHAPIRIANA AREA, REPUBLIC OF PERU
(PHASE III)
**Geological Map
of the Jehumarca**

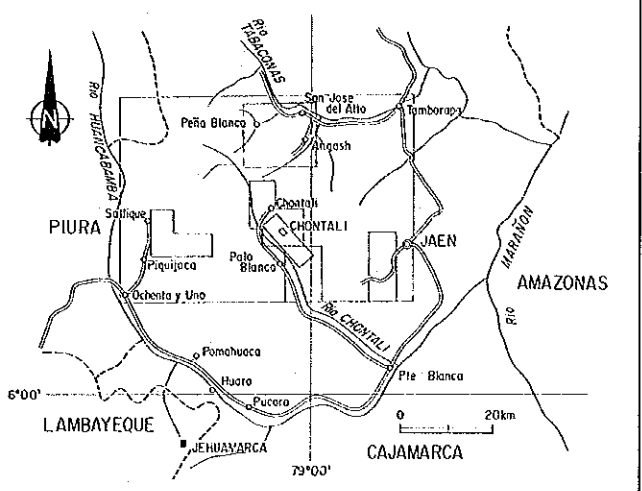
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1991
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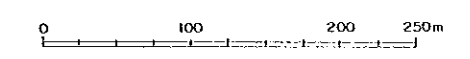
LEGEND

- Pyroclastics
- Silicified Breccid
- Shale and Tuffaceous Shale
- Andesite
- Rhyolite
- Bedding Plane
- Fault
- Drilling Site in 1989
- Drilling Site in 1990
- Trenching Site

THE MINERAL EXPLORATION
 IN
 THE PACHAPIRIANA AREA, REPUBLIC OF PERU
 (PHASE III)
**Geological Map
 of the Jehuamarca Area**

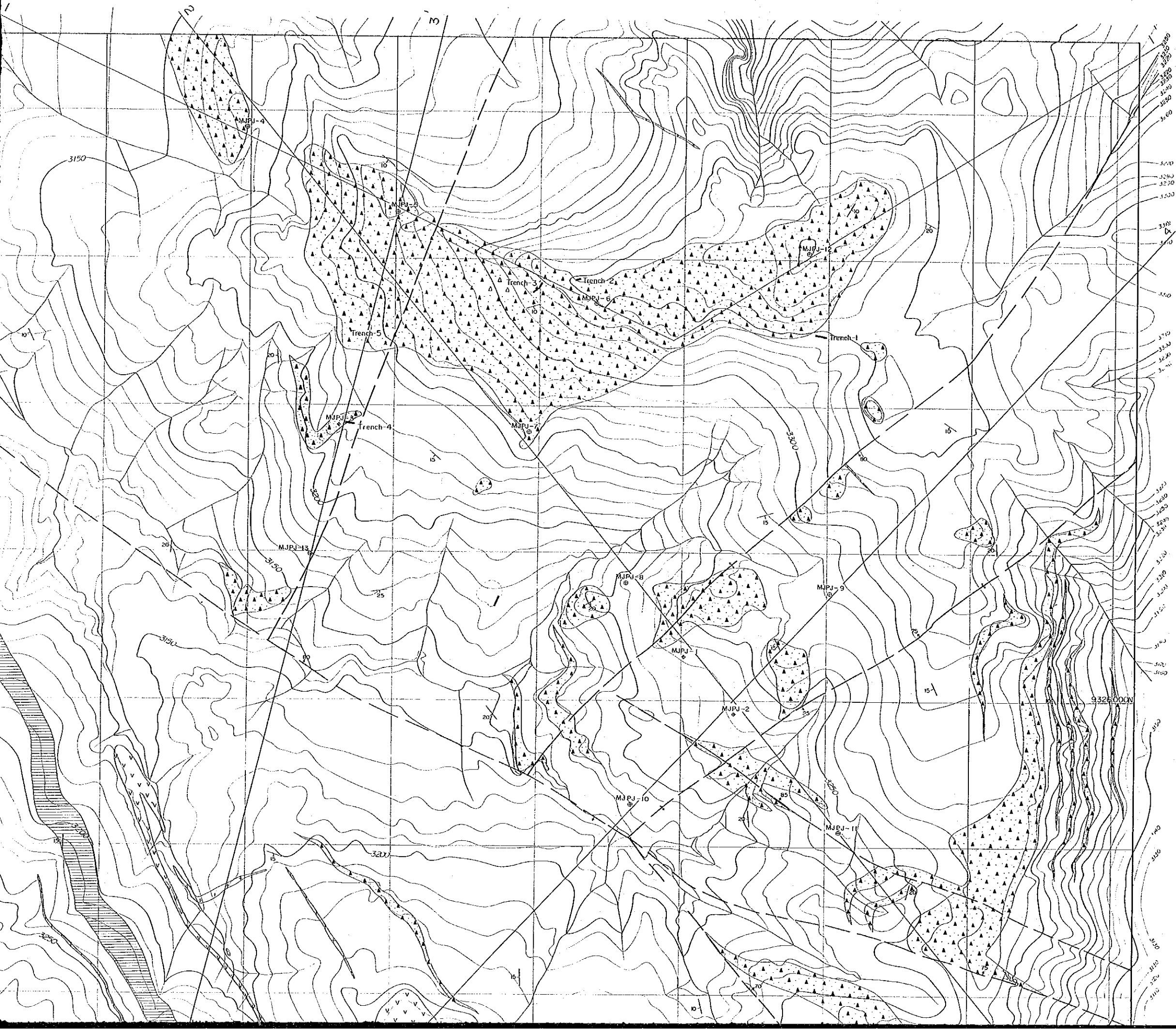


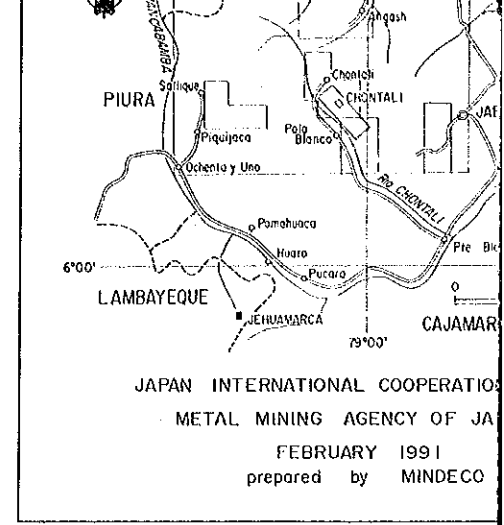
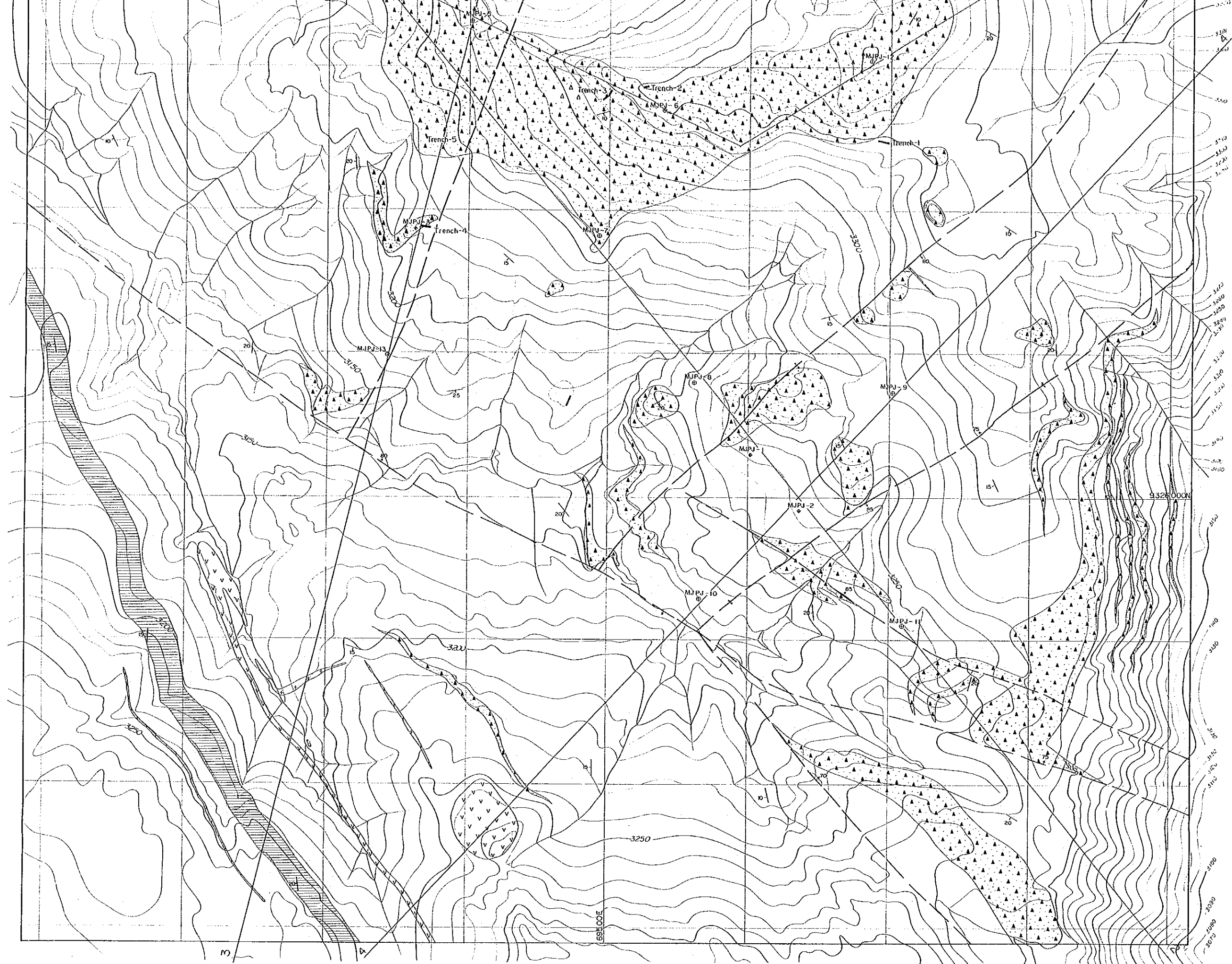
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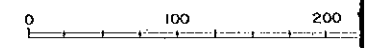
LEGEND

- Pyroclastics
- Silicified Breccia
- Shale and Tuffaceous Shale
- Andesite
- Rhyolite
- Bedding Plane
- Fault
- Drilling Site in 1989
- Drilling Site in 1990
- Trenching Site



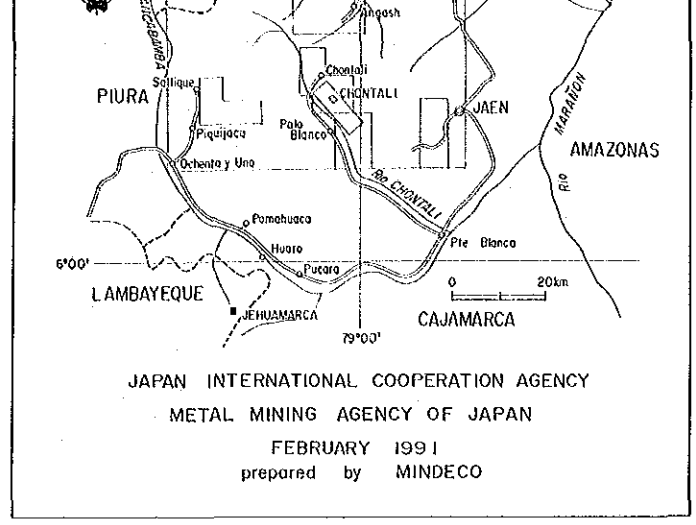
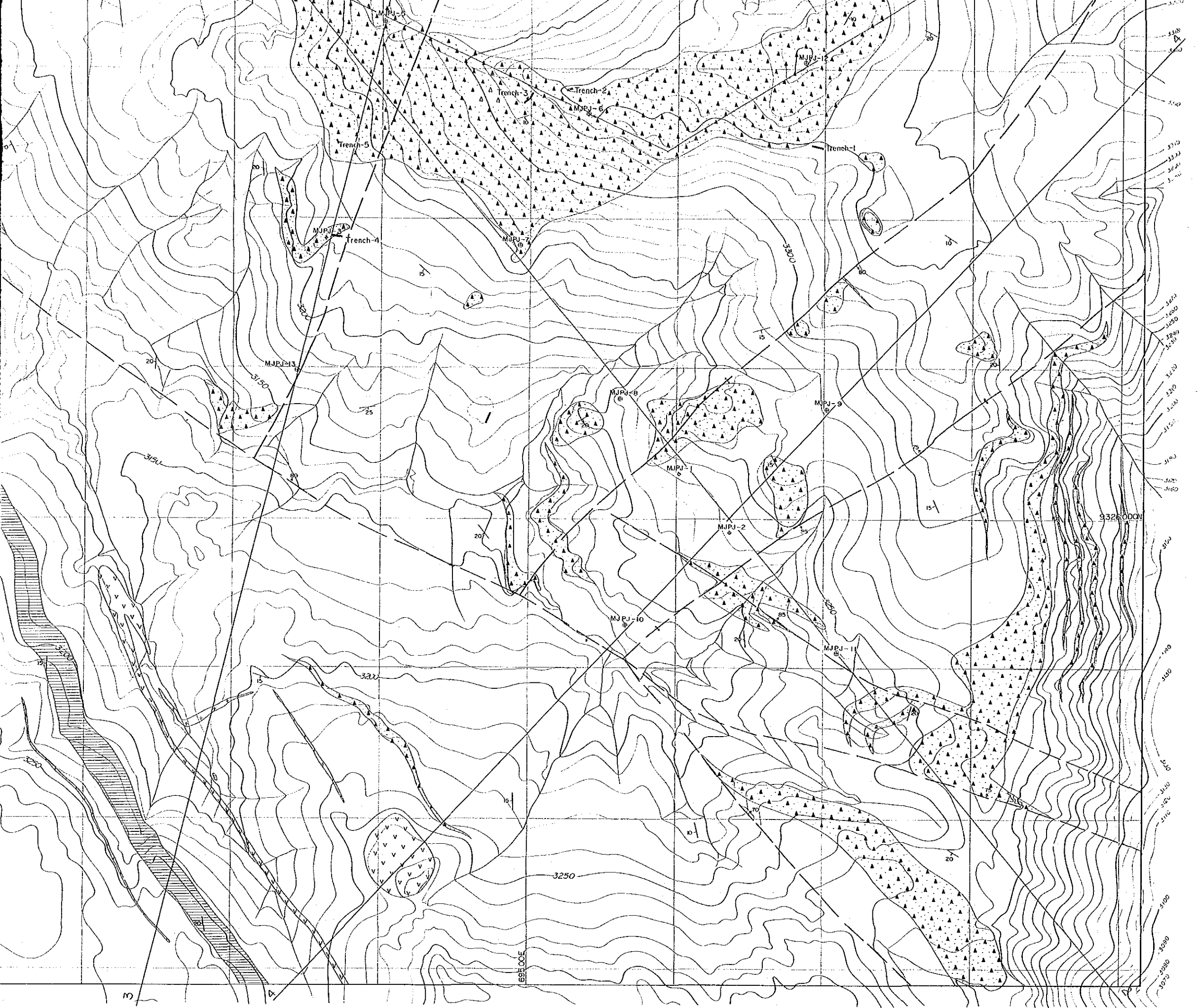


JAPAN INTERNATIONAL COOPERATION
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LEGEND











- Pyroclastics
- Silicified Breccia
- Shale and Tuffaceous Sandstone
- Andesite
- Rhyolite
- Bedding Plane
- Fault
- Drilling Site in 1989
- Drilling Site in 1990
- Trenching Site

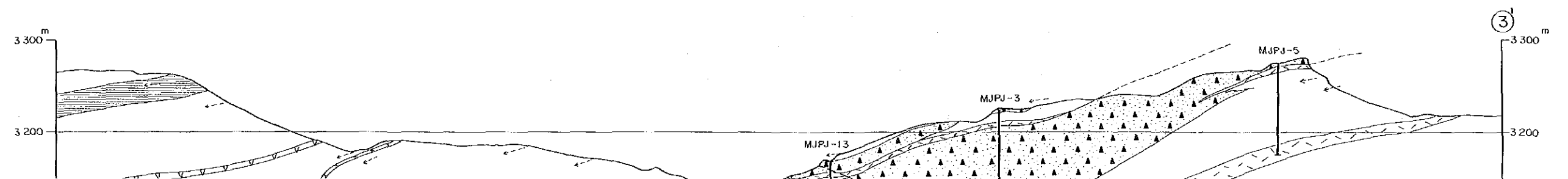
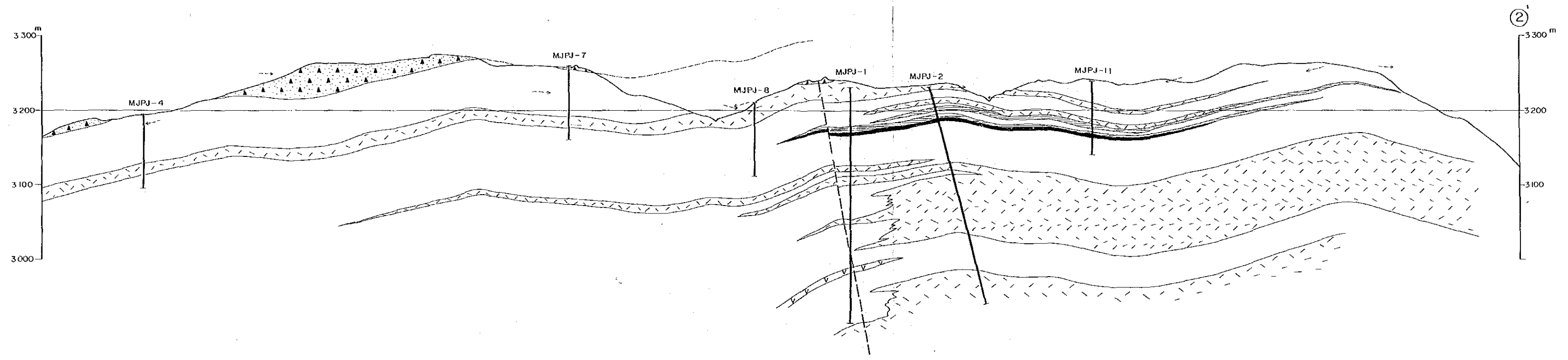
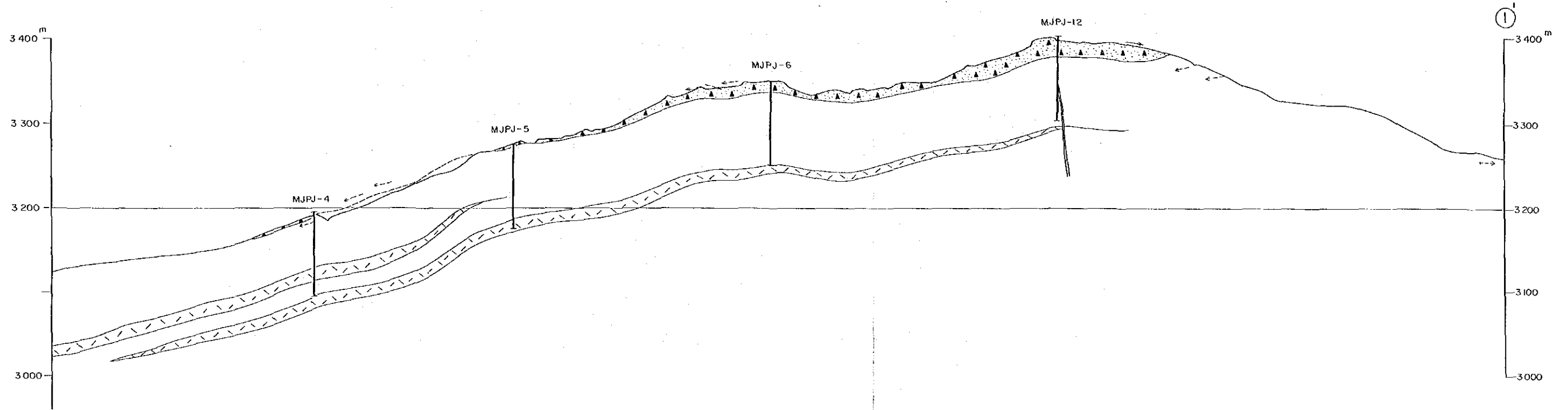


JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 FEBRUARY 1991
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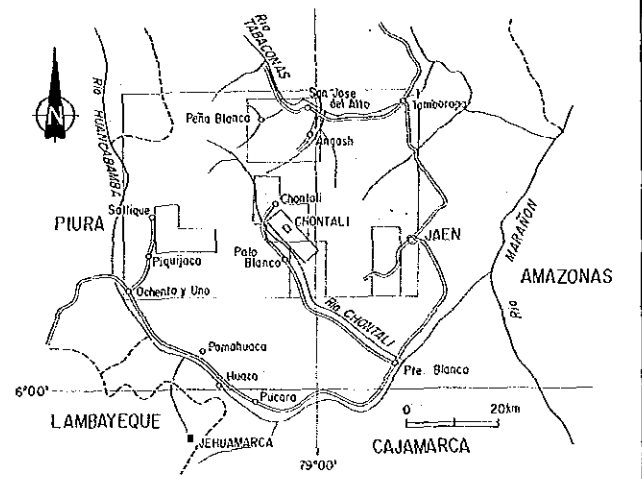
LEGEND

-  Pyroclastics
-  Silicified Breccid
-  Shale and Tuffaceous Shale
-  Andesite
-  Rhyolite
-  Bedding Plane
-  Fault
-  Drilling Site in 1989
-  Drilling Site in 1990
-  Trenching Site

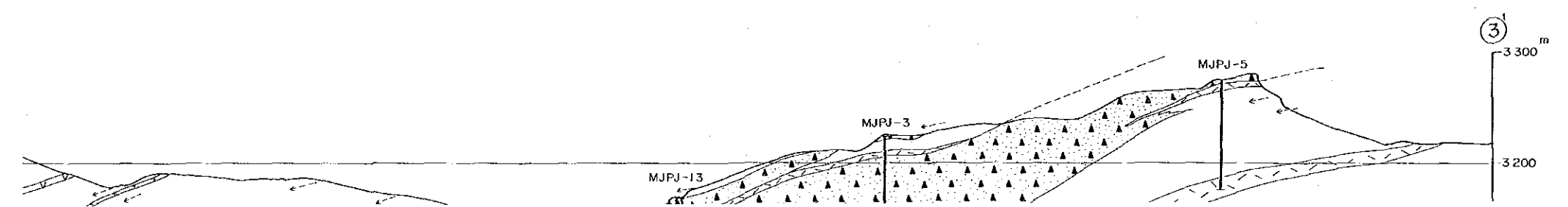
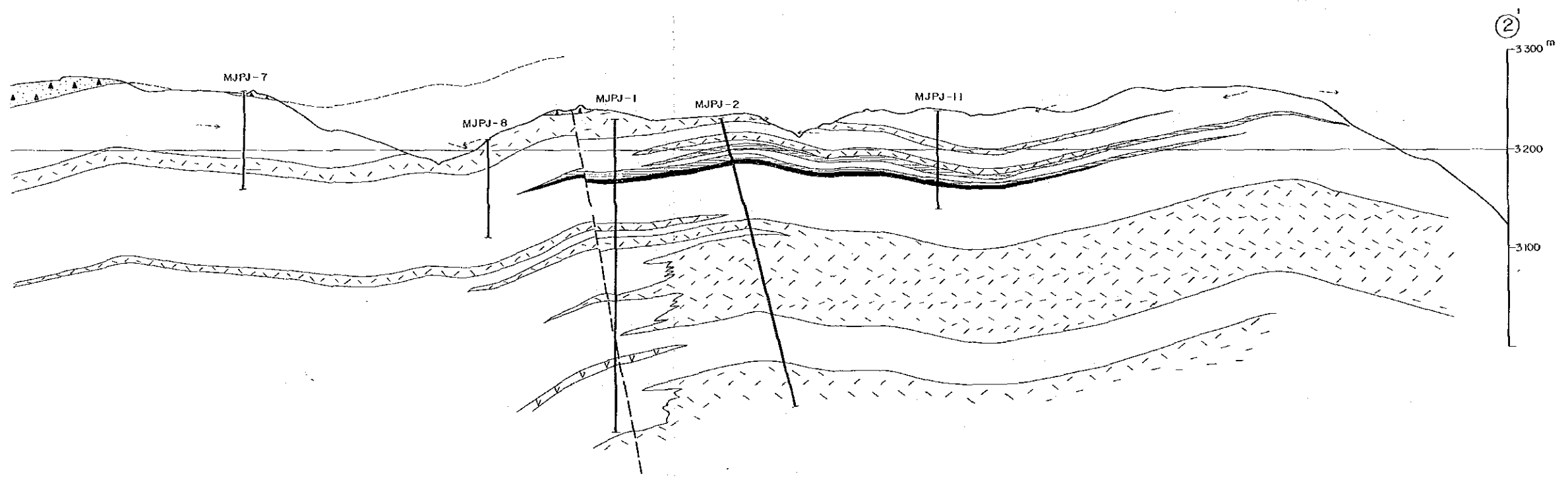
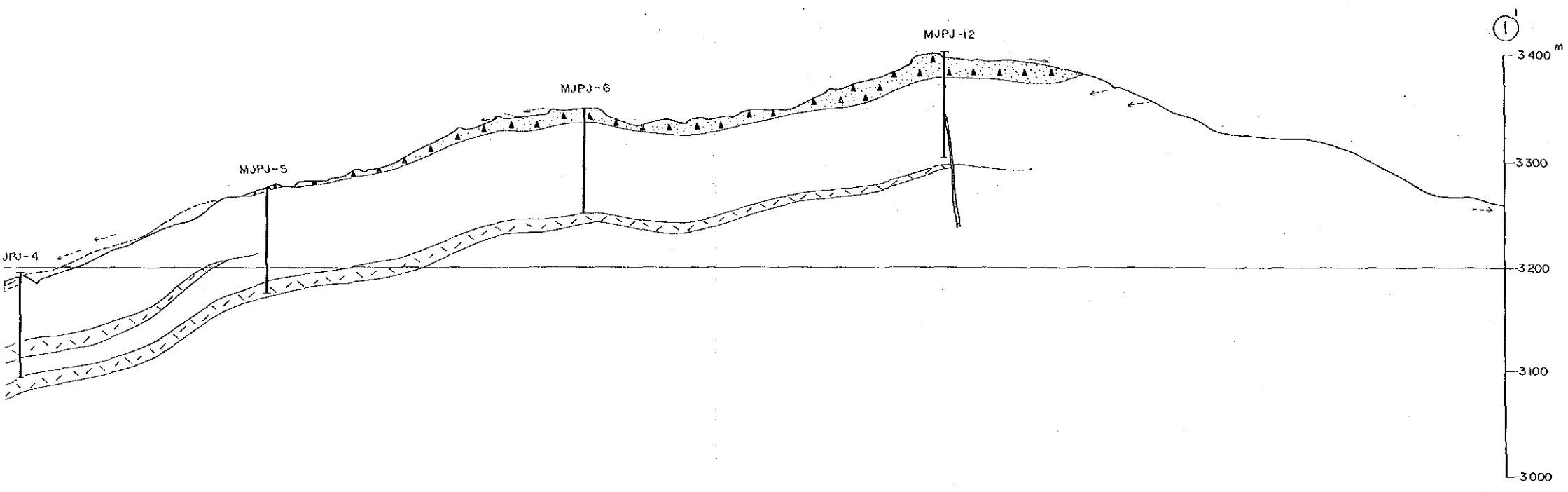
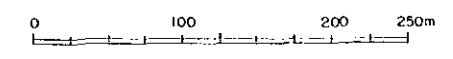


THE MINERAL EXPLORATION
IN
THE PACHAPIRIANA AREA, REPUBLIC OF PERU
(PHASE III)










Geological profiles
of the Jehuamarca Area

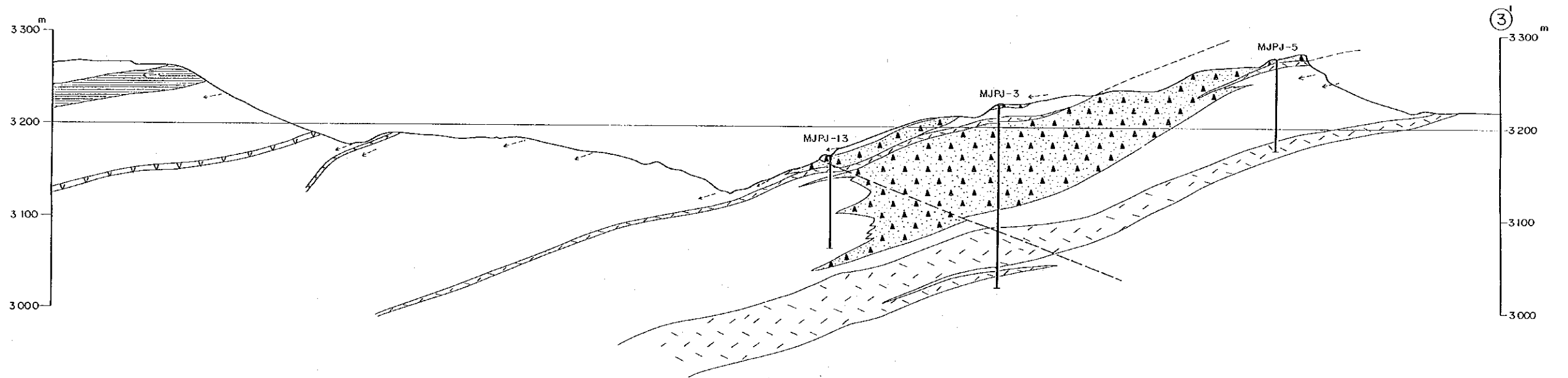
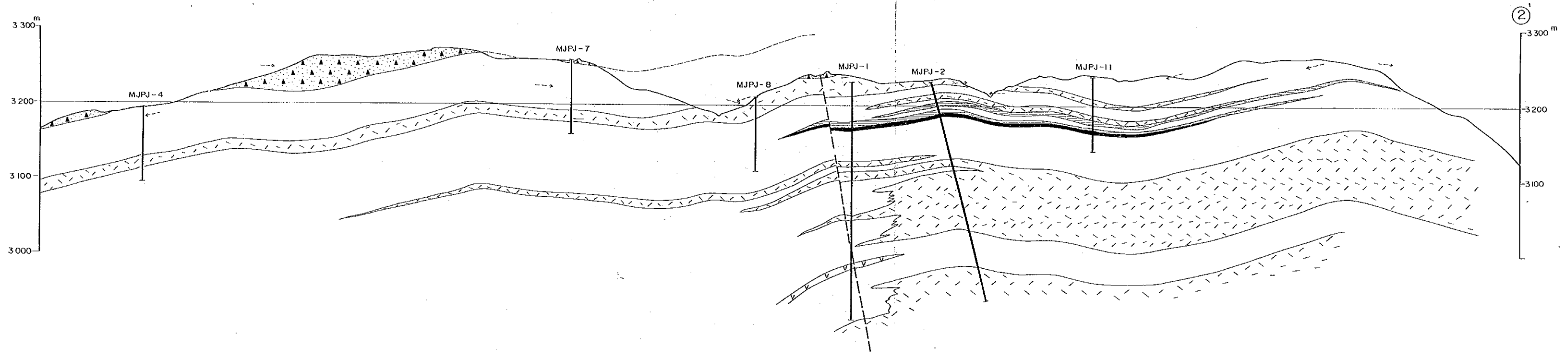
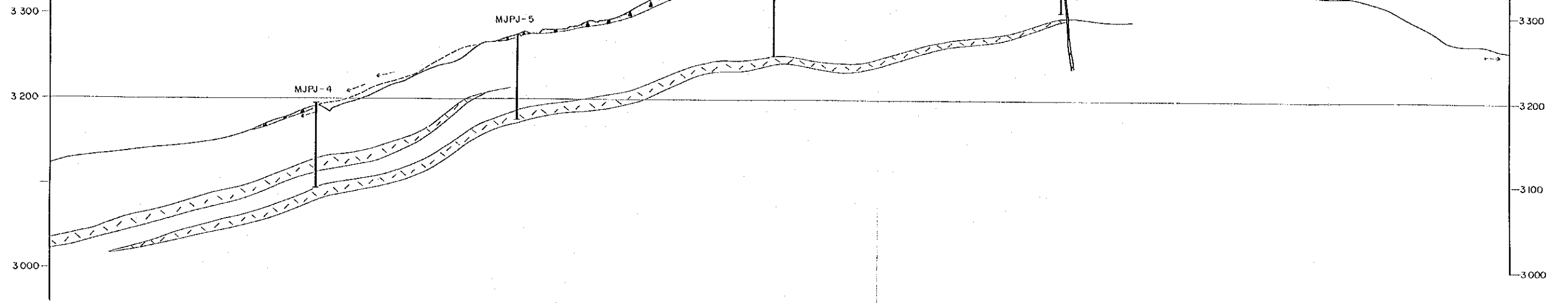


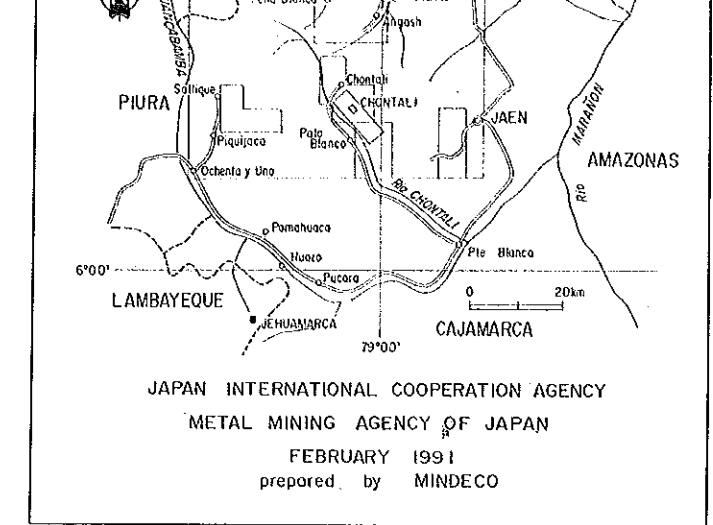
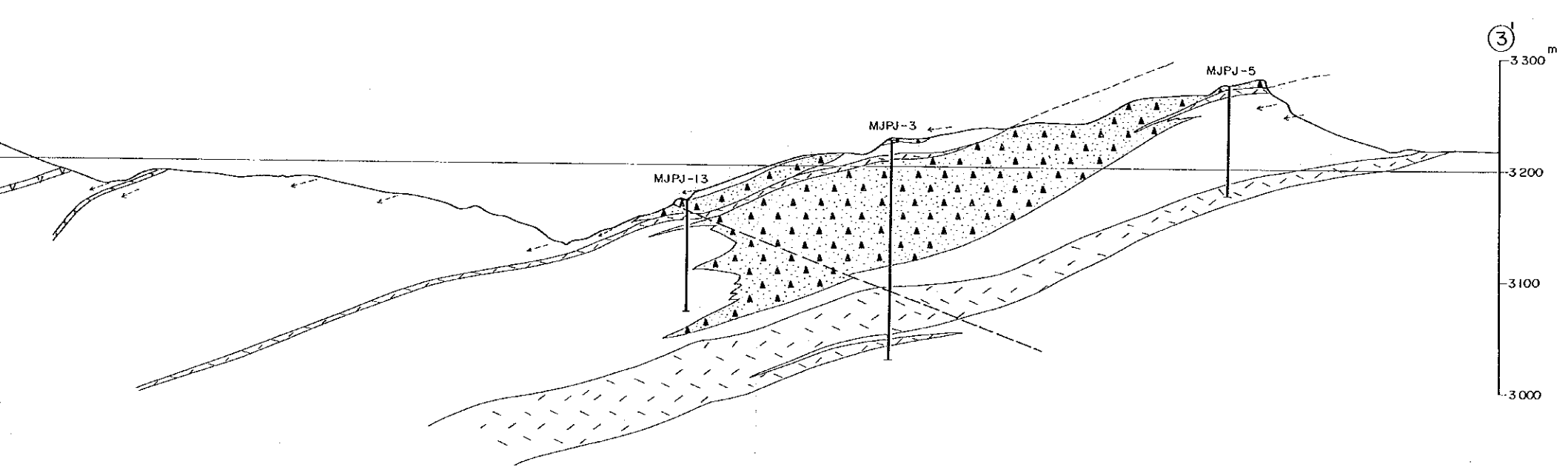
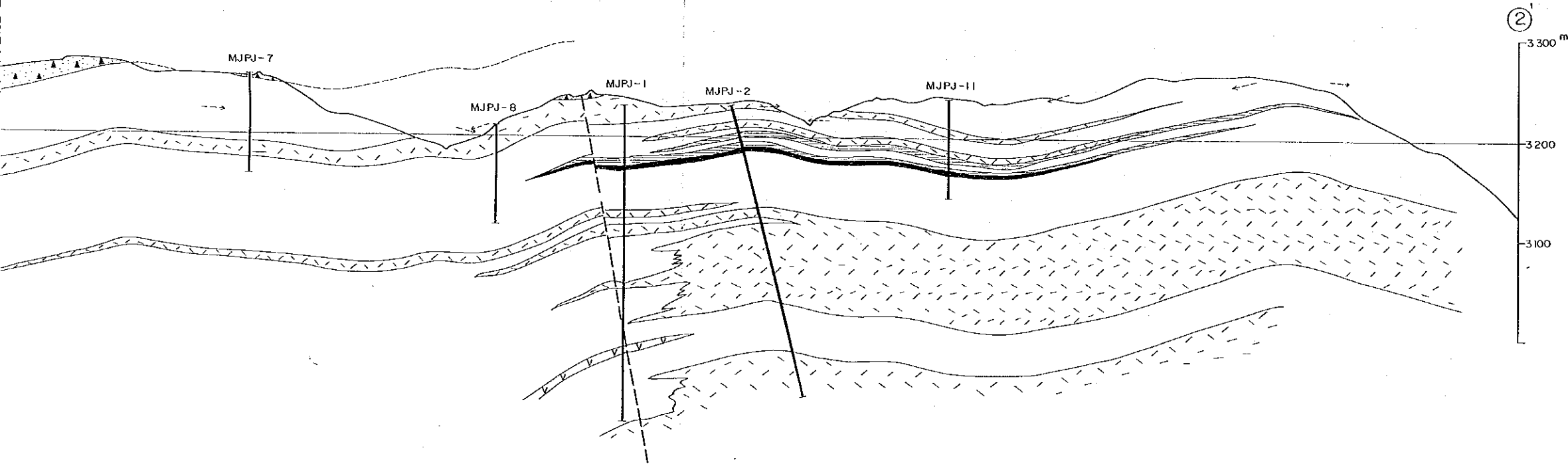
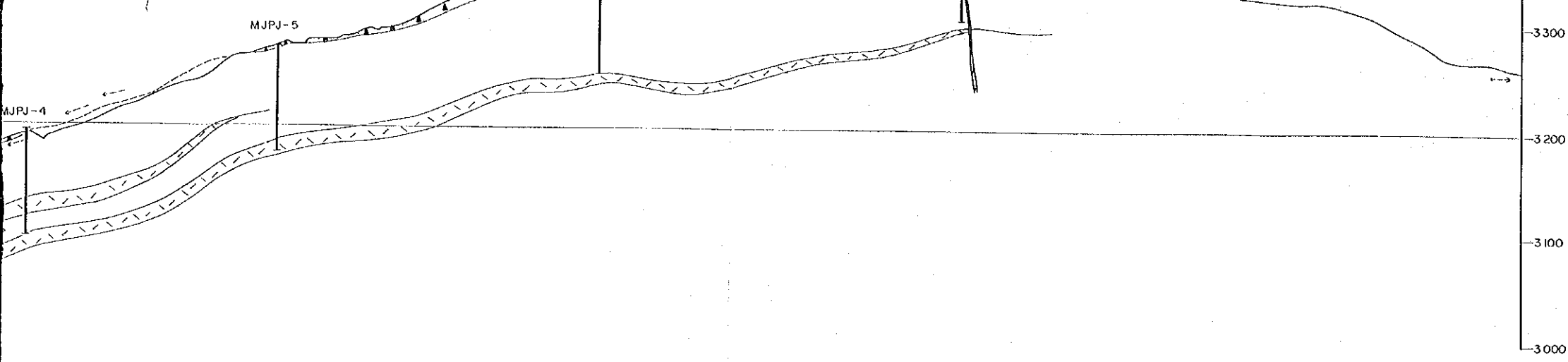
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1991
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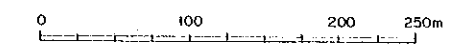
LEGEND

-  Lapilli Tuff
-  Tuff
-  Shale and Tuffaceous Shale
-  Silicified Breccia
-  Quartz Gne
-  Aulcsite
-  Rhyolite
-  Fault
-  Apparent Dip





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 FEBRUARY 1991
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LEGEND

- Lapilli Tuff
- Tuff
- Shale and Tuffaceous Shale
- Silicified Breccia
- Quartz Gne
- Aulcsite
- Rhyolite
- Fault
- Apparent Dip