

THE MINERAL EXPLORATION
IN THE TSAGAAN TSAKHIR UUL AREA
MONGOLIA

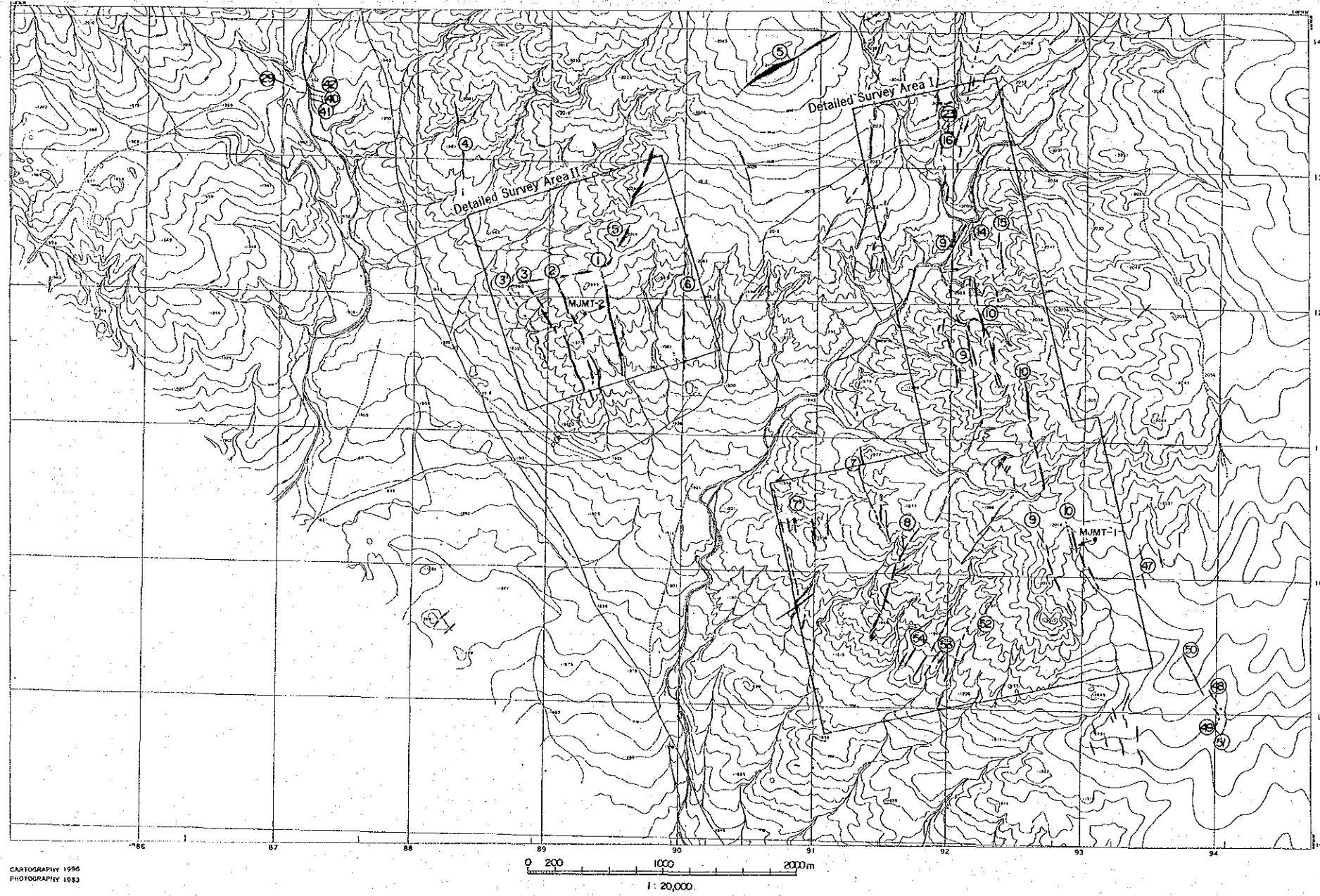
PHASE I

FIG. II-1-5

Location of quartz veins

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FEBRUARY, 1997



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Fig. II-1-5 Location of Quartz Vein

<p>THE MINERAL EXPLORATION IN THE TSAGAAN TSAKHIR UUL AREA MONGOLIA PHASE I</p>
<p>FIG. II-1-5 Location of quartz veins</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN</p>
<p>FEBRUARY, 1997</p>

THE MINERAL EXPLORATION
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MONGOLIA

PHASE I

FIG. II-2-1

Map of Geological and quartz veins surveyed

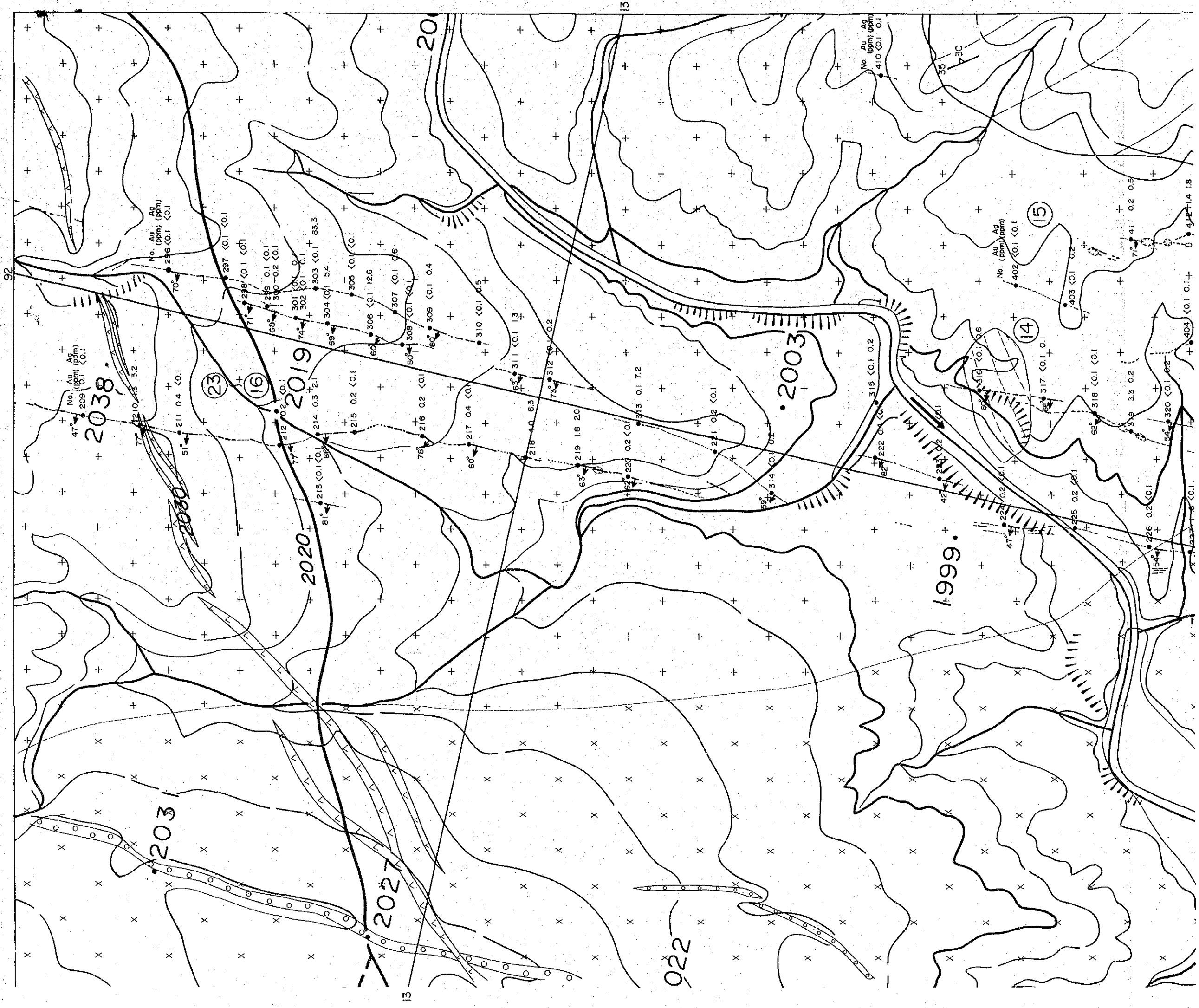
(Area I) (1)

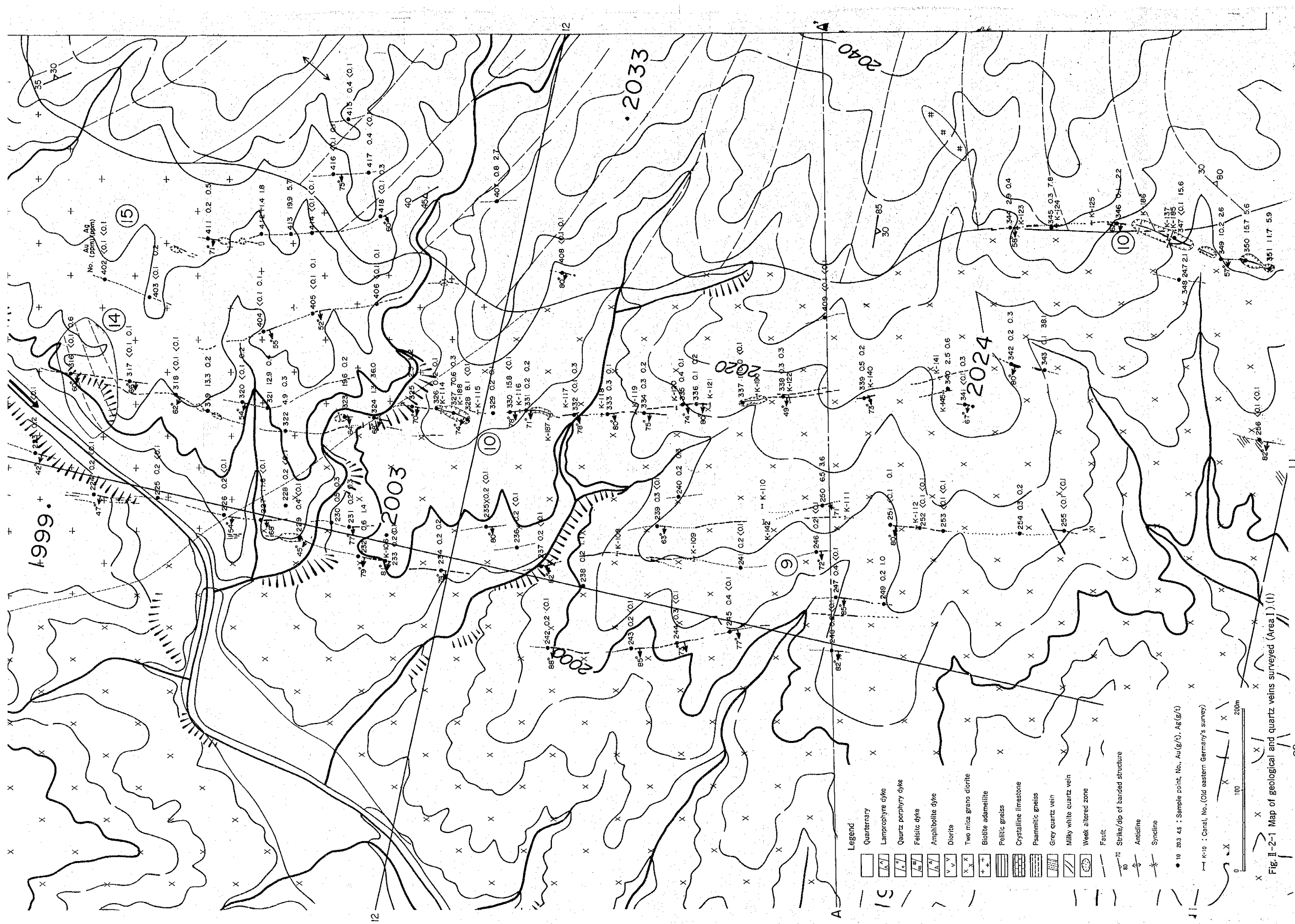
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THE MINERAL EXPLORATION IN THE TSAGAN TSAKHIR UUL AREA MONGOLIA	PHASE I	FIG. II-2-1 Map of geological and quartz veins surveyed (Area I) (1)	JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN	FEBRUARY, 1997
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Legend

- Quarternary
- Lamprophyre dyke
- Quartz porphyry dyke
- Felsitic dyke
- Amphibolite dyke
- Diorite
- Two mica grano diorite
- Biotite adamellite
- Pelitic gneiss
- Crystalline limestone
- Psammitic gneiss
- Grey quartz vein
- Milky white quartz vein
- Weak altered zone
- Fault
- Strike/dip of banded structure
- Anticline
- Syncline

• 10 203 4.5 : Sample point, No., Au(g/t), Ag(g/t)
 — K-10 : Canal, No., (Old eastern Germany's survey)



Fig. II-2-1 Map of geological and quartz veins surveyed (Area I) (1)

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MONGOLIA

PHASE I

FIG. II-2-1

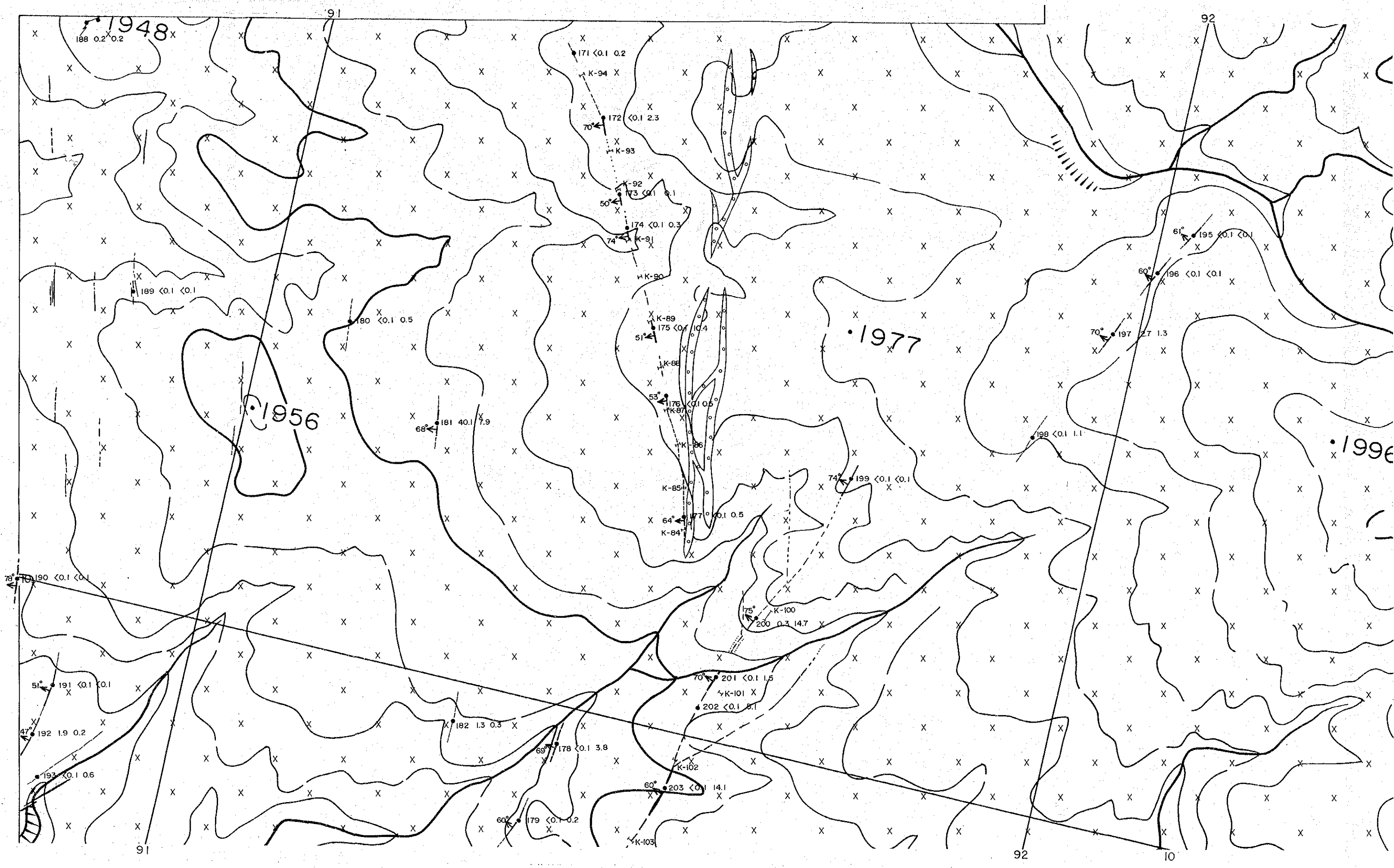
Map of Geological and quartz veins surveyed

(Area I) (2)

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1948
188 0.2 0.2

1956

1977

1996

171 <0.1 0.2
K-94

172 <0.1 2.3
K-93

173 <0.1 0.1
K-92

174 <0.1 0.3
K-91

175 <0.1 10.4
K-89

176 <0.1 0.5
K-87

177 <0.1 0.5
K-86

178 <0.1 3.8
K-85

179 <0.1 0.2
K-84

200 0.3 14.7
K-100

201 <0.1 1.5
K-101

202 <0.1 8.1

203 <0.1 14.1
K-102

179 <0.1 0.2
K-103

195 <0.1 <0.1

196 <0.1 <0.1

197 2.7 1.3

198 <0.1 1.1

189 <0.1 <0.1

180 <0.1 0.5

181 40.1 7.9

190 <0.1 <0.1

191 <0.1 <0.1

192 1.9 0.2

193 <0.1 0.6

182 1.3 0.3

179 <0.1 0.2

91

92

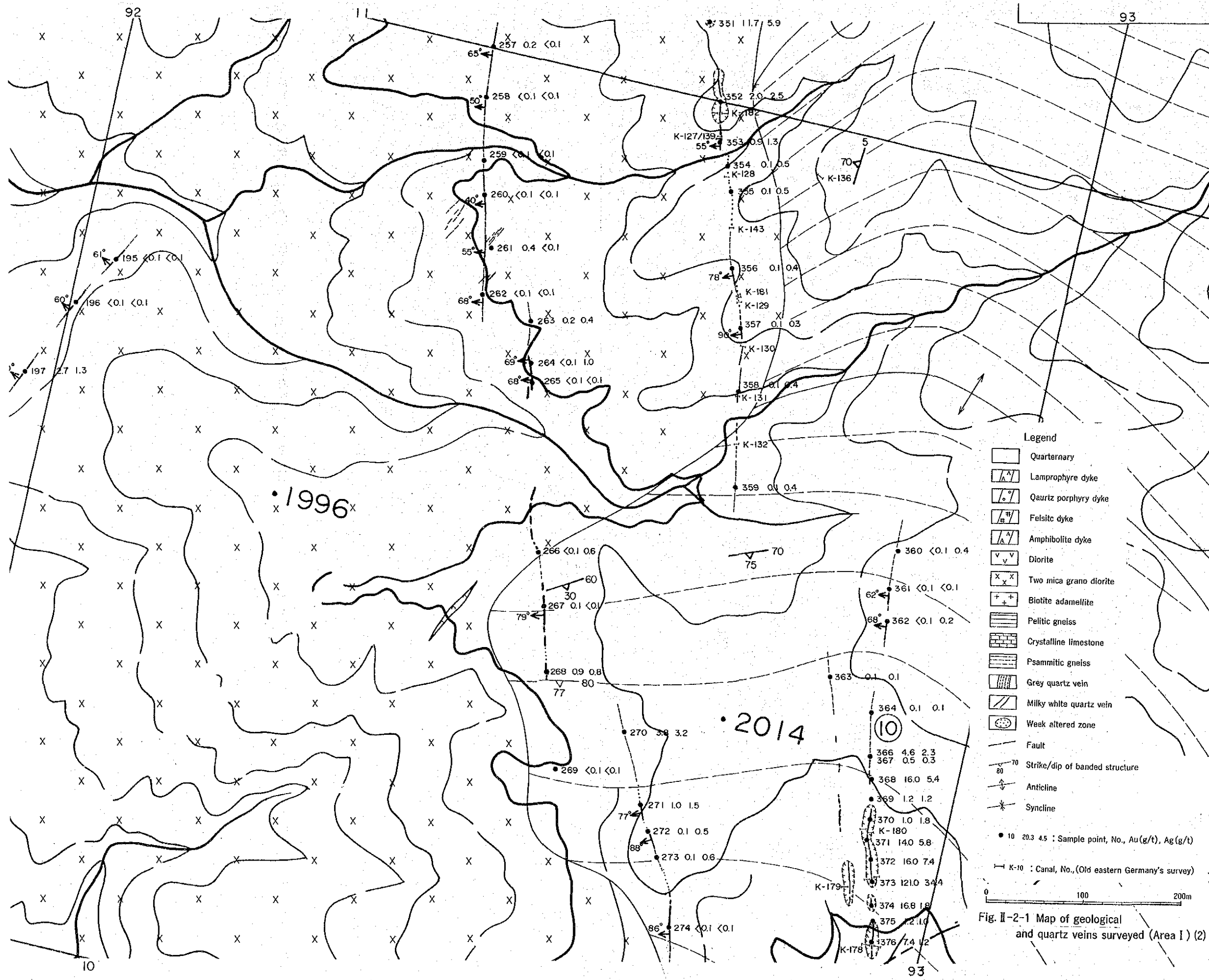
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THE MINERAL EXPLORATION
IN THE TSAGAAN TSAKHUR UUL AREA
MONGOLIA
PHASE I

FIG. II-2-1
Map of Geological and quartz veins surveyed
(Area I) (2)

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- Legend**
- Quarternary
 - Lamprophyre dyke
 - Quartz porphyry dyke
 - Felsite dyke
 - Amphibolite dyke
 - Diorite
 - Two mica grano diorite
 - Biotite adamellite
 - Pelitic gneiss
 - Crystalline limestone
 - Psammitic gneiss
 - Grey quartz vein
 - Milky white quartz vein
 - Weak altered zone
 - Fault
 - Strike/dip of banded structure
 - Anticline
 - Syncline
 - Sample point, No., Au (g/t), Ag (g/t)
 - Canal, No., (Old eastern Germany's survey)
- 0 100 200m

Fig. II-2-1 Map of geological and quartz veins surveyed (Area I) (2)

THE MINERAL EXPLORATION
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MONGOLIA

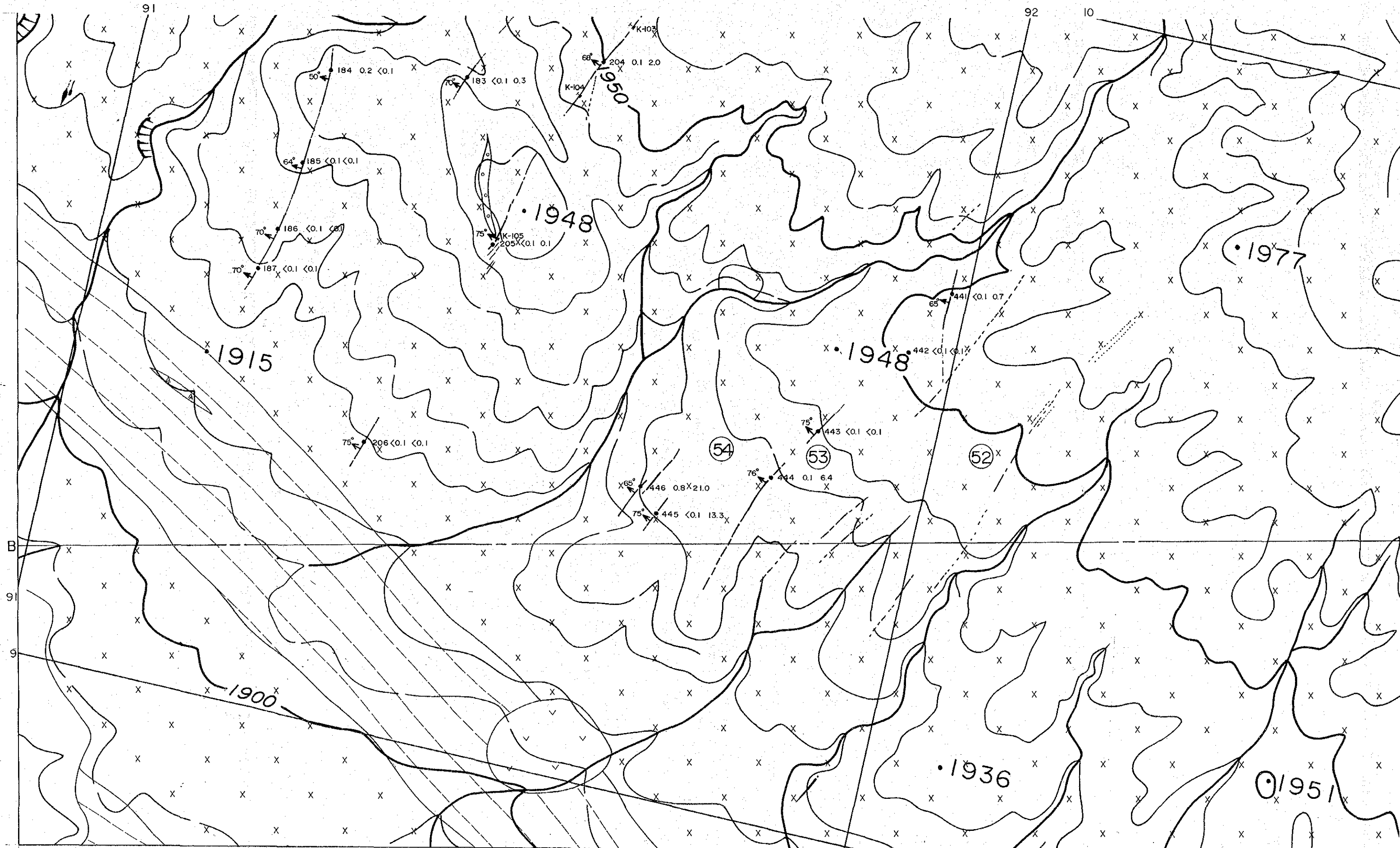
PHASE I

FIG. II-2-1

Map of Geological and quartz veins surveyed
(Area I) (3)

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B

91

9

92 9

91

92

10

1915

1948

1948

1977

1900

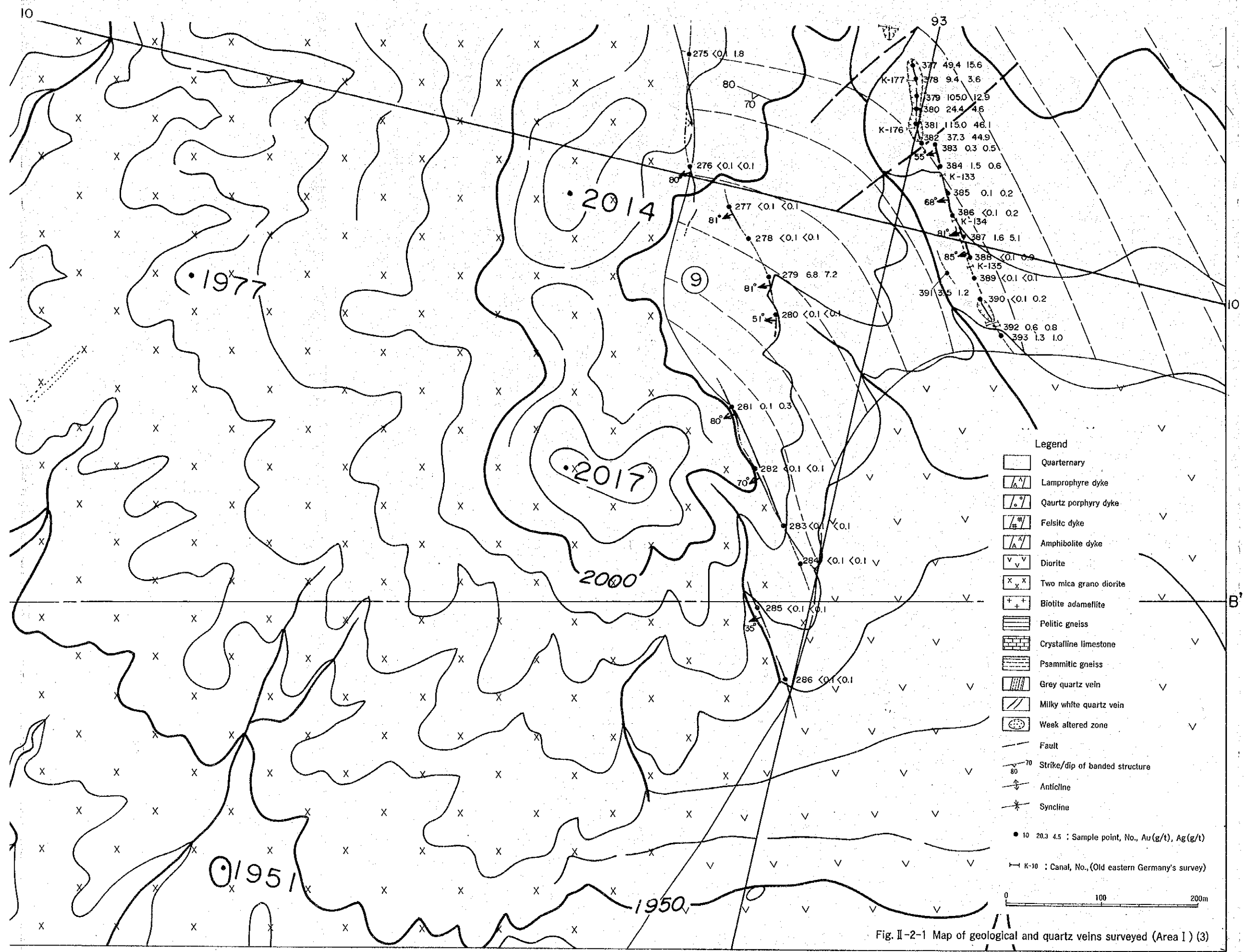
1936

1951

54

53

52



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 PHASE I

FIG. II-2-1
 Map of Geological and quartz veins surveyed
 (Area I) (3)

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Fig. II-2-1 Map of geological and quartz veins surveyed (Area I) (3)

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MONGOLIA

PHASE I

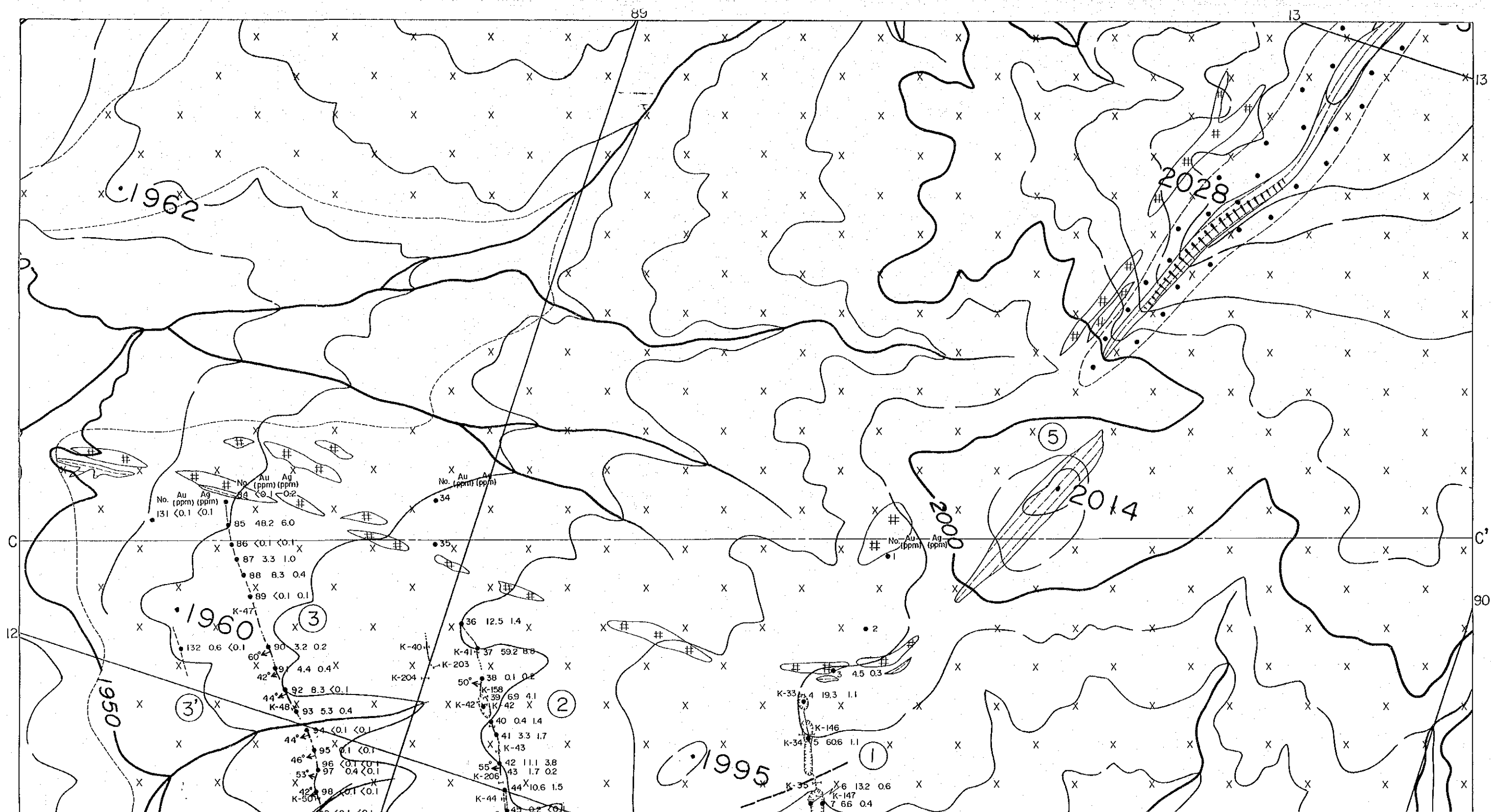
FIG. II-2-2

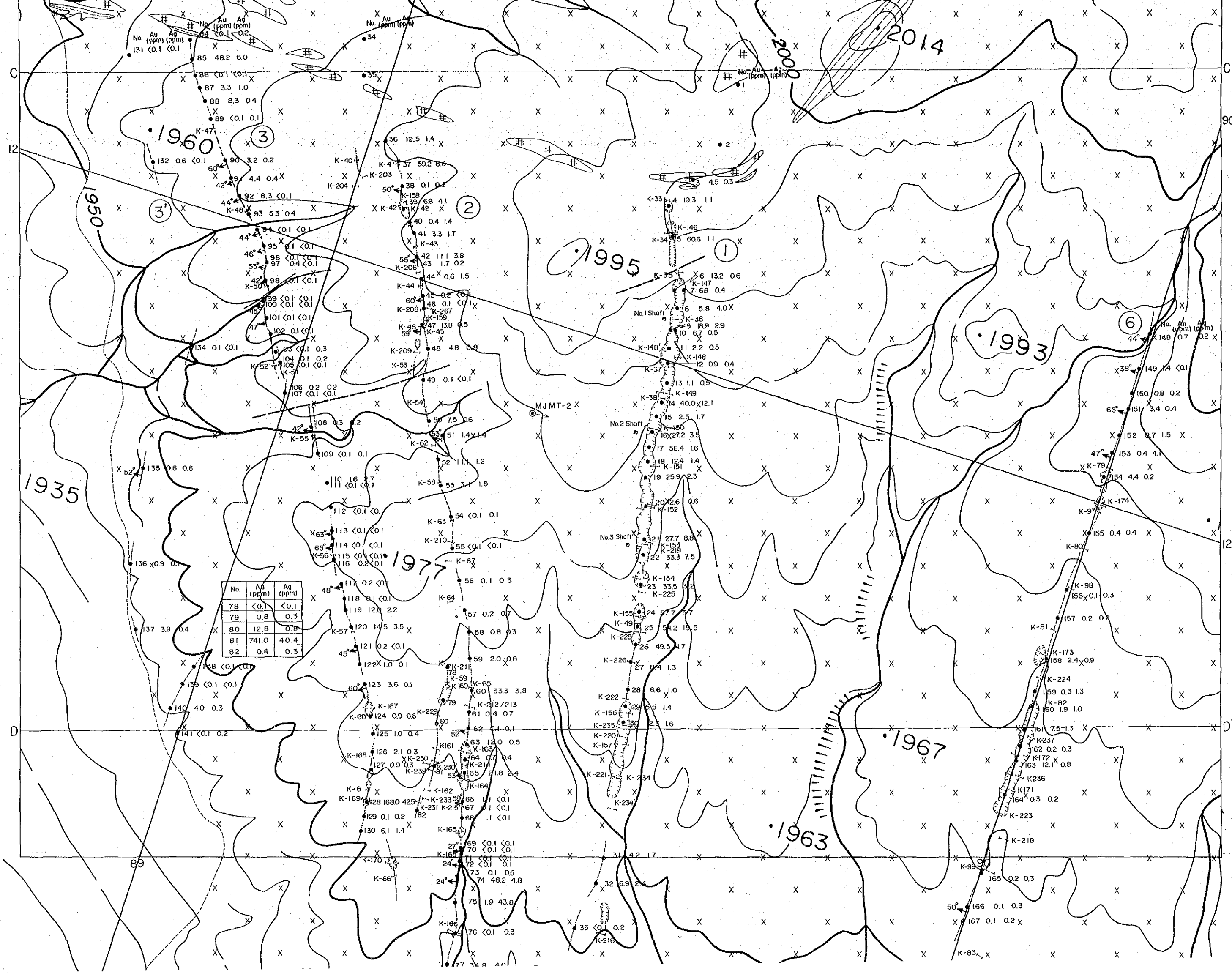
Map of Geological and quartz veins surveyed
(Area II)

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THE MINERAL EXPLORATION IN THE TSAIGAN TSAIHR UUL AREA MONGOLIA	PHASE I	FIG. II-2-2 Map of Geological and quartz veins surveyed (Area II)	JAPAN INTERNATIONAL COOPERATION AGENCY METAL MINING AGENCY OF JAPAN	FEBRUARY, 1997





No.	Au (ppm)	Ag (ppm)
78	<0.1	<0.1
79	0.8	0.3
80	12.8	0.8
81	741.0	40.4
82	0.4	0.3

No. Au (ppm) Ag (ppm)
 85 48.2 6.0
 86 <0.1 <0.1
 87 3.3 1.0
 88 8.3 0.4
 89 <0.1 0.1

No. Au (ppm) Ag (ppm)
 34

No. Au (ppm) Ag (ppm)
 1

No. Au (ppm) Ag (ppm)
 148 0.7 0.2

No. Au (ppm) Ag (ppm)
 149 1.4 <0.1

No. Au (ppm) Ag (ppm)
 150 0.8 0.2

No. Au (ppm) Ag (ppm)
 151 3.4 0.4

No. Au (ppm) Ag (ppm)
 152 8.7 1.5

No. Au (ppm) Ag (ppm)
 153 0.4 4.1

No. Au (ppm) Ag (ppm)
 154 4.4 0.2

No. Au (ppm) Ag (ppm)
 155 8.4 0.4

No. Au (ppm) Ag (ppm)
 156 0.1 0.3

No. Au (ppm) Ag (ppm)
 157 0.2 0.2

No. Au (ppm) Ag (ppm)
 158 2.4 0.9

No. Au (ppm) Ag (ppm)
 159 0.3 1.3

No. Au (ppm) Ag (ppm)
 160 1.9 1.0

No. Au (ppm) Ag (ppm)
 161 7.5 1.3

No. Au (ppm) Ag (ppm)
 162 0.2 0.3

No. Au (ppm) Ag (ppm)
 163 12.1 0.8

No. Au (ppm) Ag (ppm)
 164 0.3 0.2

No. Au (ppm) Ag (ppm)
 165 0.2 0.3

No. Au (ppm) Ag (ppm)
 166 0.1 0.3

No. Au (ppm) Ag (ppm)
 167 0.1 0.2

No. Au (ppm) Ag (ppm)
 168 0.1 0.2

No. Au (ppm) Ag (ppm)
 169 0.1 0.2

No. Au (ppm) Ag (ppm)
 170 0.1 0.2

No. Au (ppm) Ag (ppm)
 171 0.1 0.2

No. Au (ppm) Ag (ppm)
 172 0.1 0.2

No. Au (ppm) Ag (ppm)
 173 0.1 0.2

No. Au (ppm) Ag (ppm)
 174 0.1 0.2

No. Au (ppm) Ag (ppm)
 175 0.1 0.2

No. Au (ppm) Ag (ppm)
 176 0.1 0.2

No. Au (ppm) Ag (ppm)
 177 0.1 0.2

No. Au (ppm) Ag (ppm)
 178 0.1 0.2

No. Au (ppm) Ag (ppm)
 179 0.1 0.2

No. Au (ppm) Ag (ppm)
 180 0.1 0.2

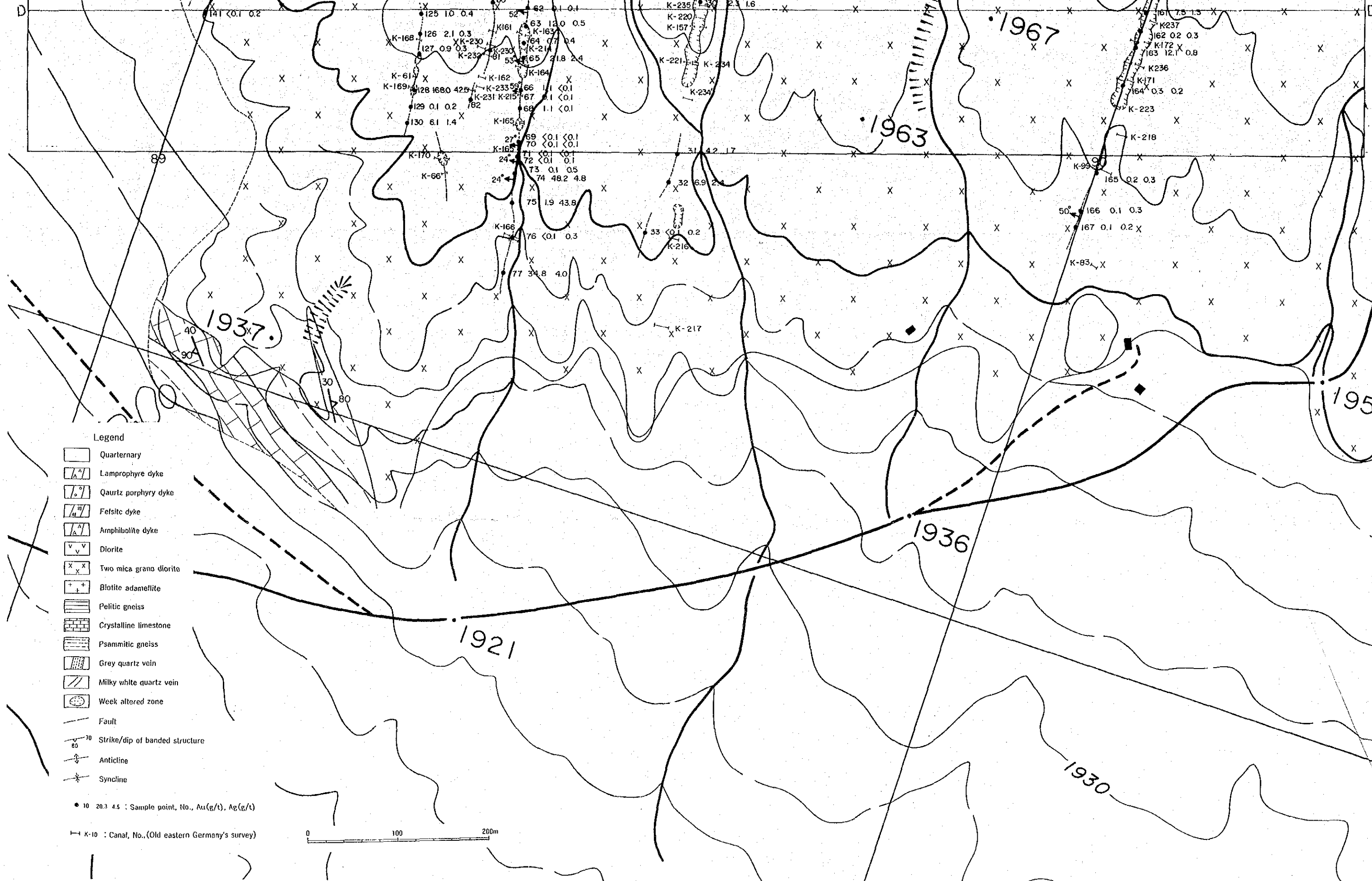


Fig. II-2-2 Map of geological and quartz veins surveyed (Area II)

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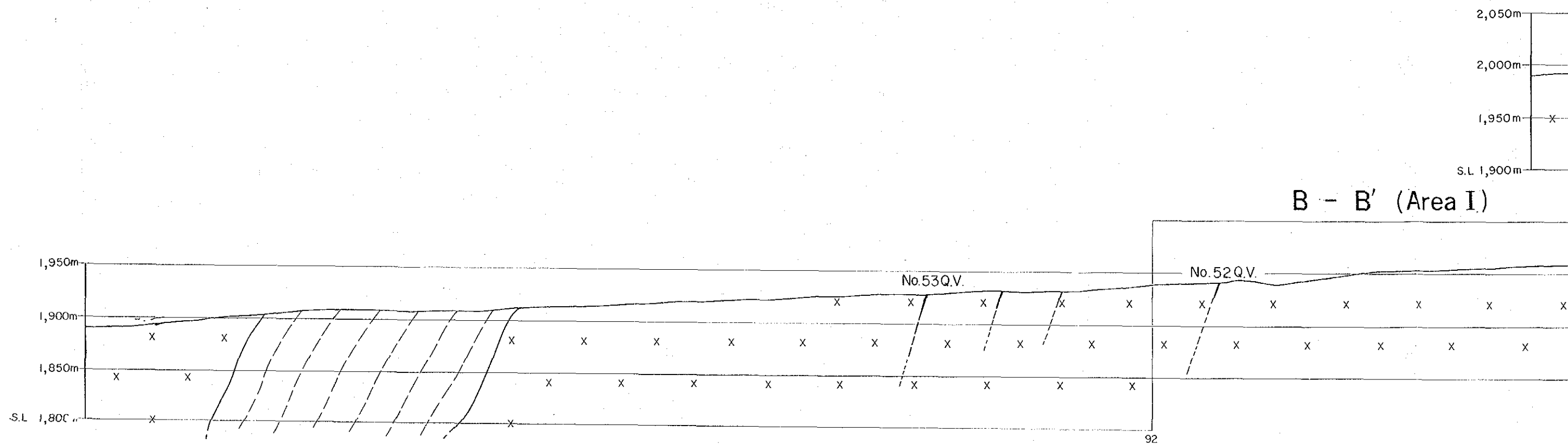
PHASE I

FIG. II-2-3

Geological profile of detailed area

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- Legend**
- Quarternary
 - Lamprophyre dyke
 - Quartz porphyry dyke
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 - Biotite adamellite
 - Pelitic gneiss
 - Crystalline limestone
 - Psammitic gneiss
 - Grey quartz vein
 - Milky white quartz vein
 - Fault

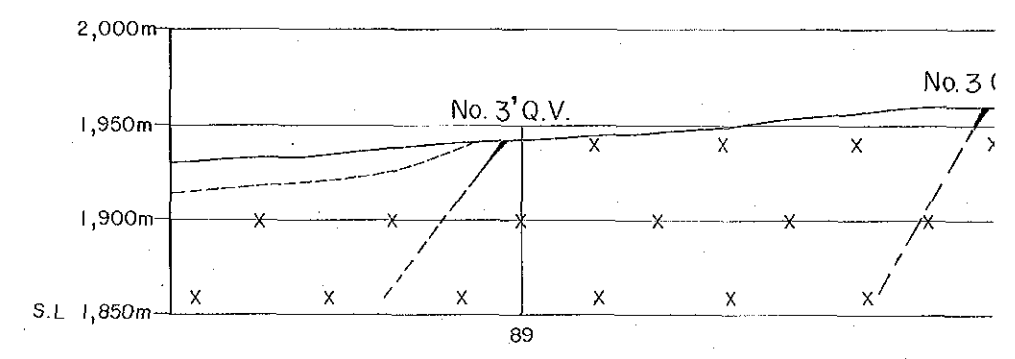
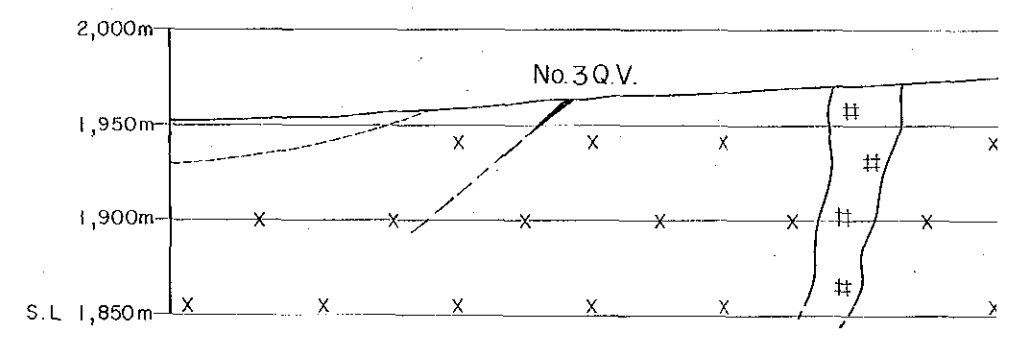
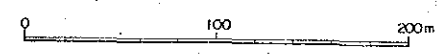
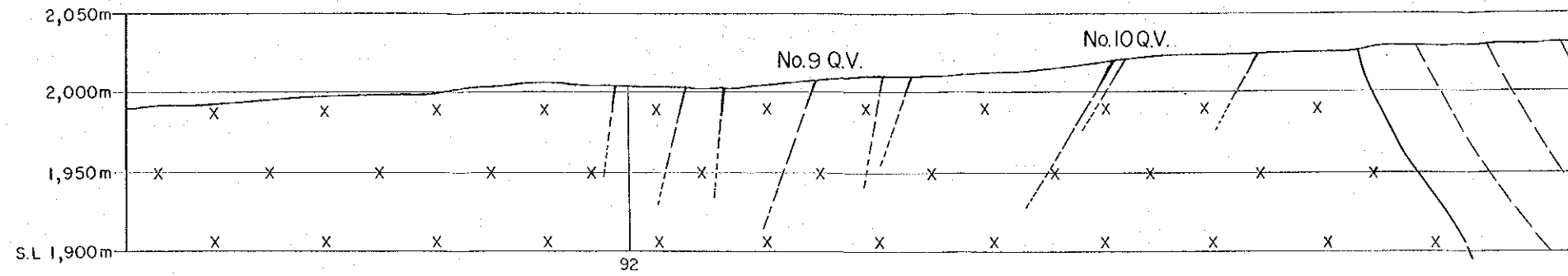
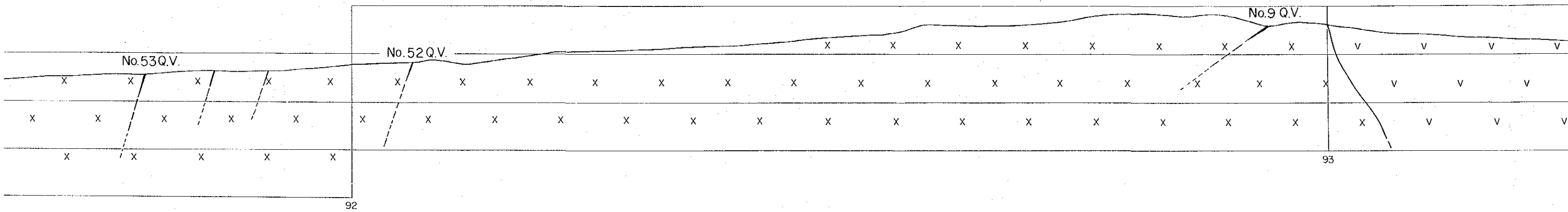


Fig. II -2-3 GEOLOGICAL PROFILE OF DETAILED AREA (I, II)

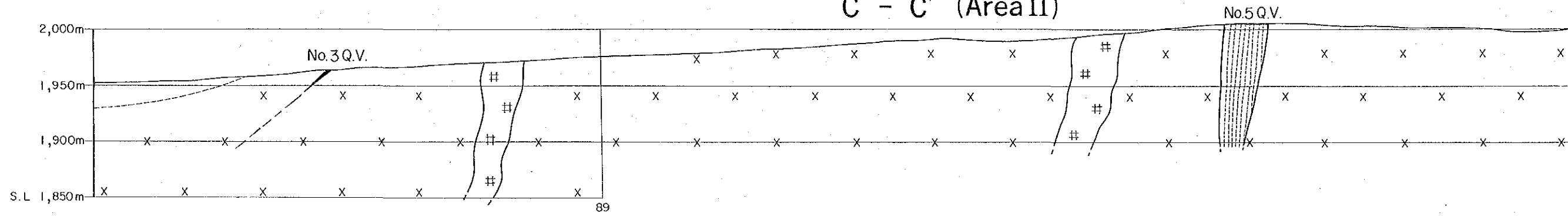
A - A' (Area I)



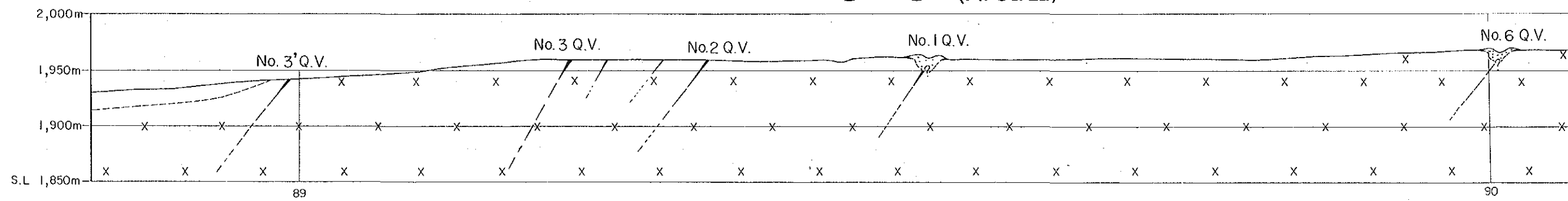
B - B' (Area I)



C - C' (Area II)

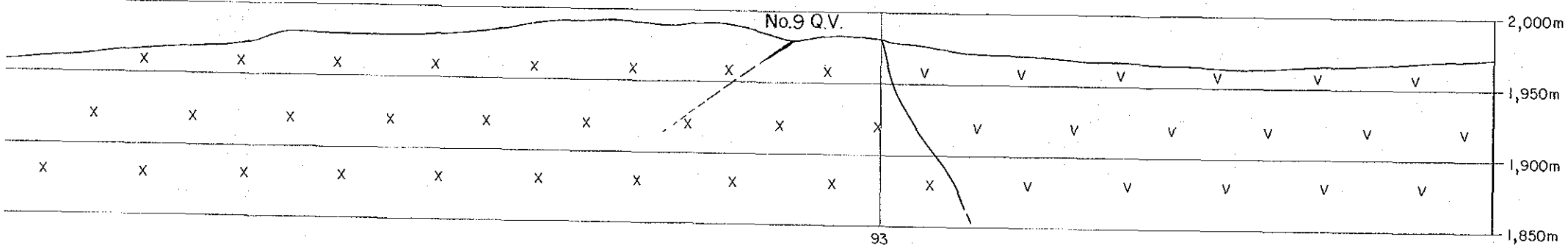
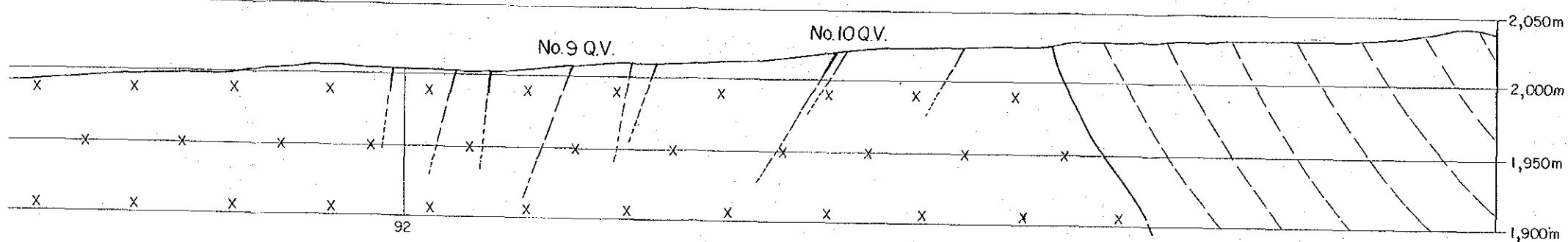


D - D' (Area II)

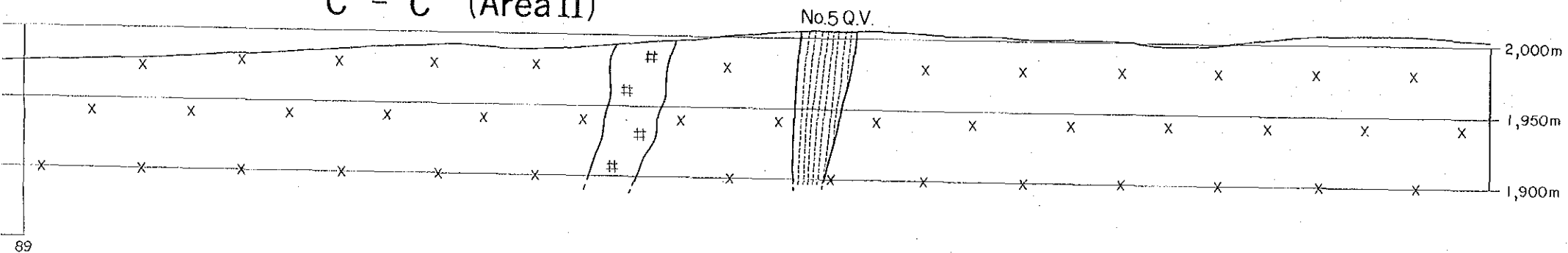


LED AREA (I, II)

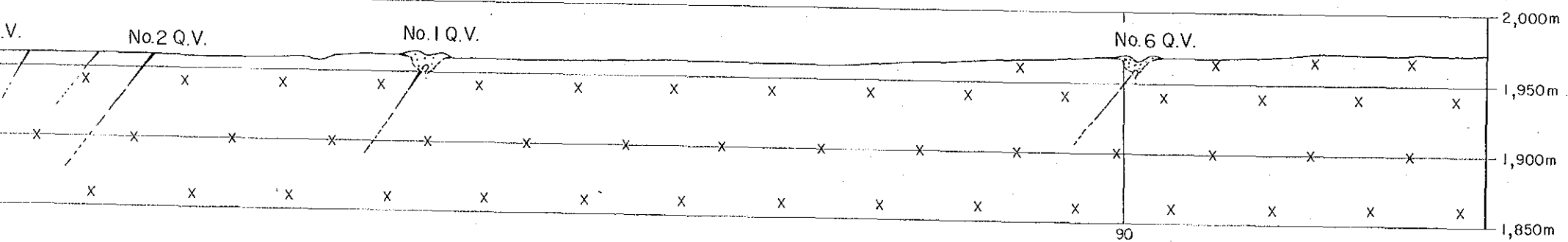
A - A' (Area I)



C - C' (Area II)



D - D' (Area II)



THE MINERAL EXPLORATION
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 MONGOLIA
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FIG. II-2-3
 Geological profile of detailed area

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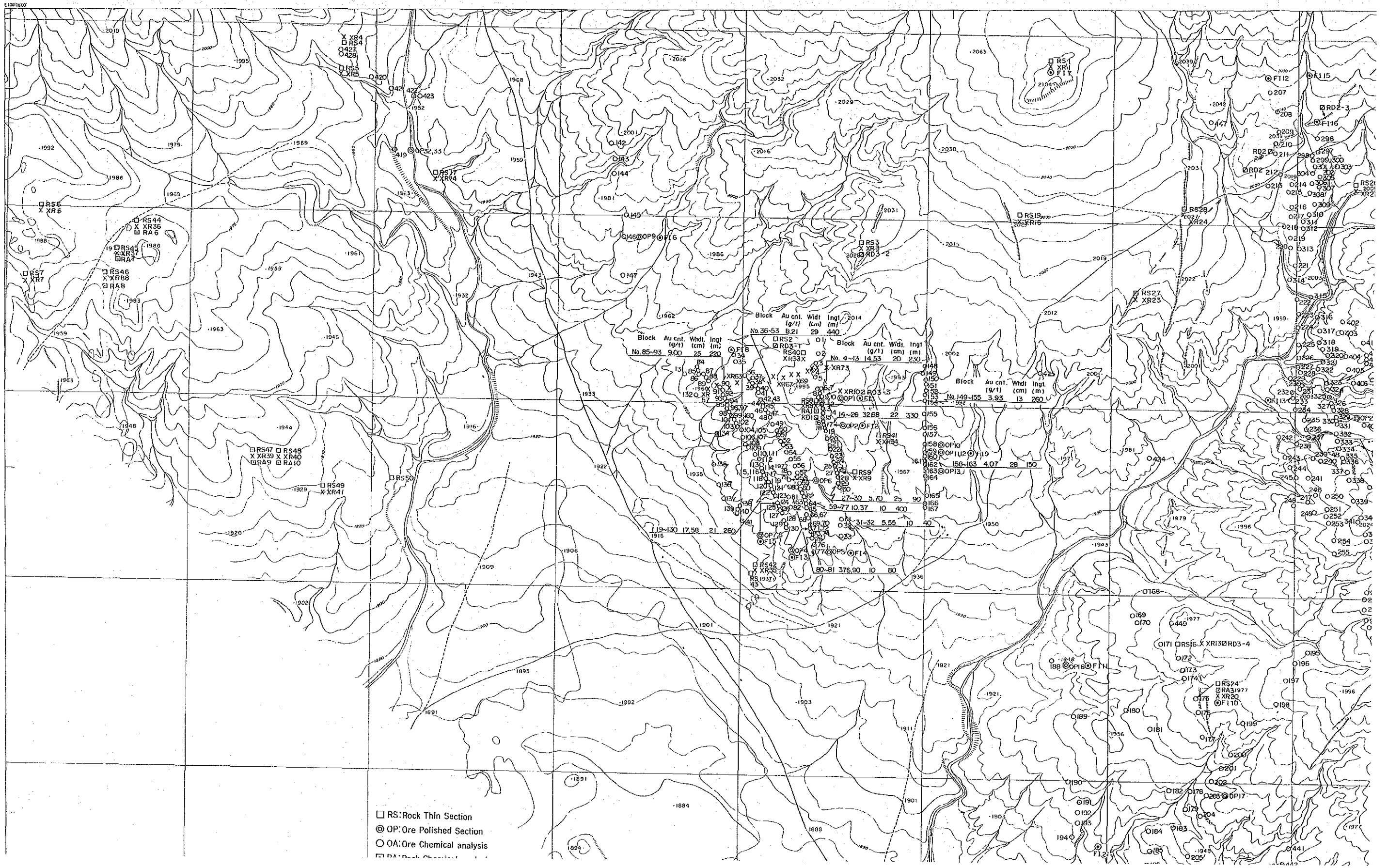
PHASE I

FIG. II-2-5

Classification of gold contents of each veins

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□ RS: Rock Thin Section
 ● OP: Ore Polished Section
 ○ OA: Ore Chemical analysis
 □ RA: Rock Analysis

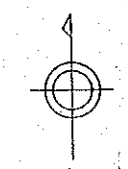
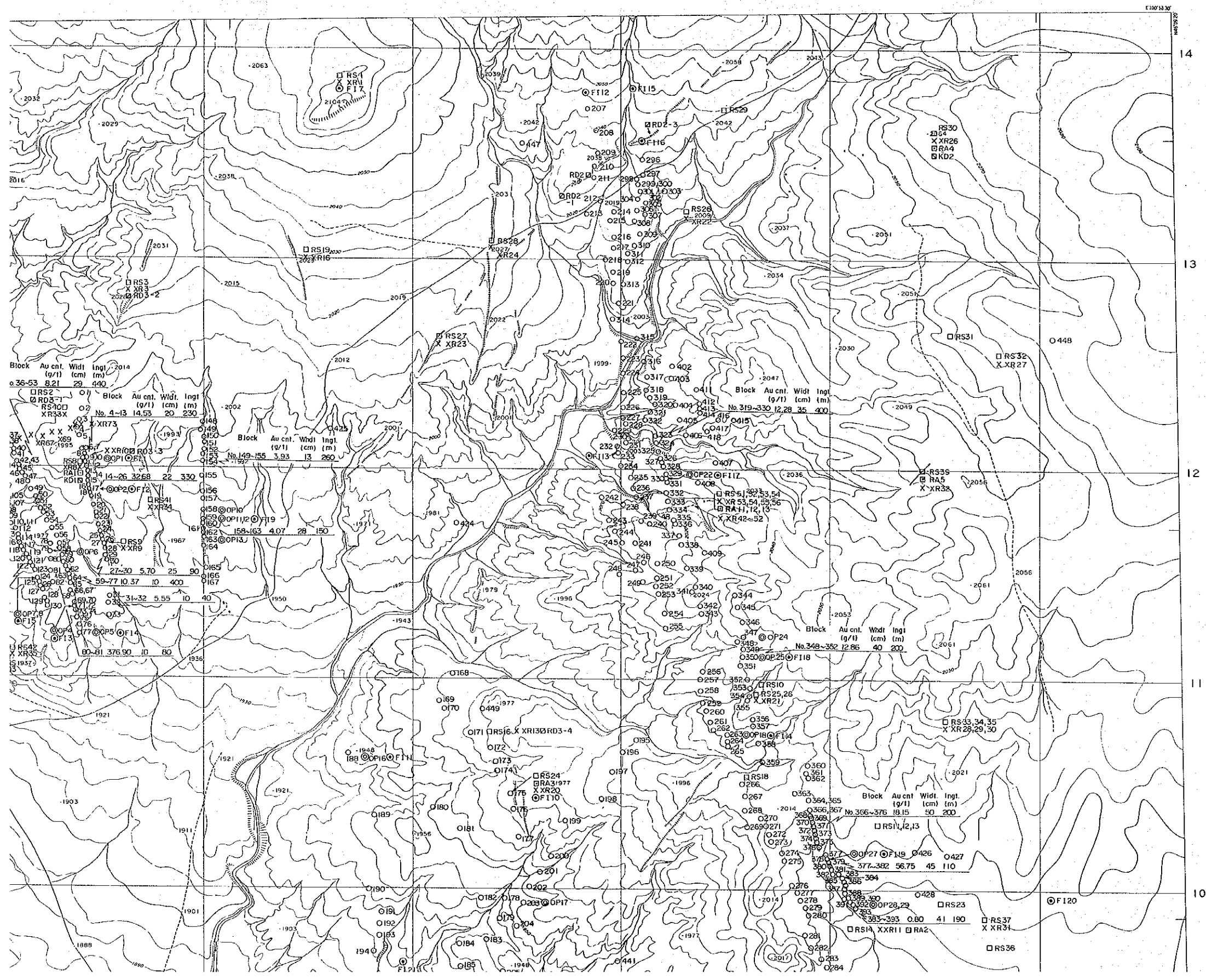
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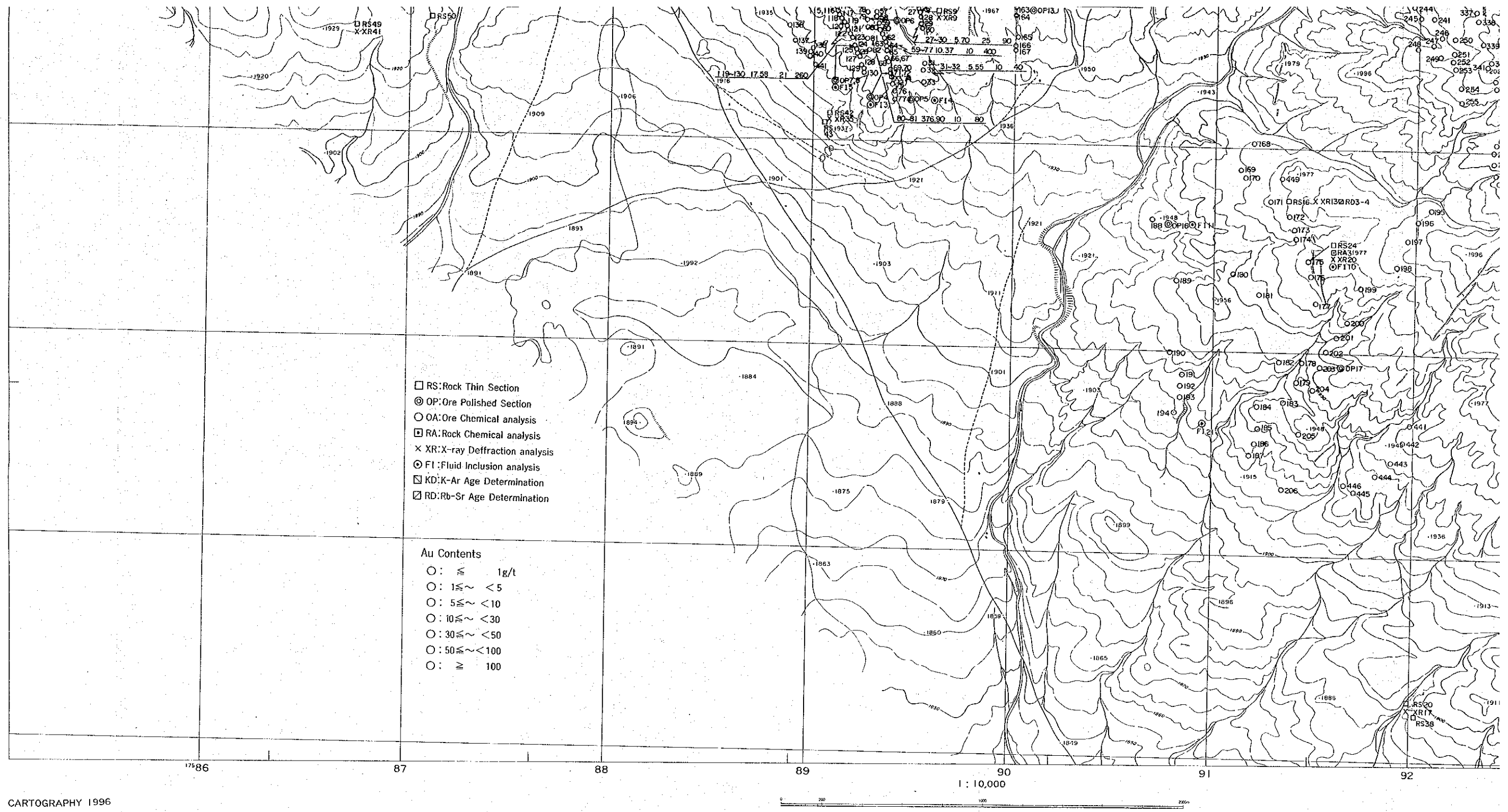
PHASE I

FIG. II-2-5
Classification of gold contents of each veins

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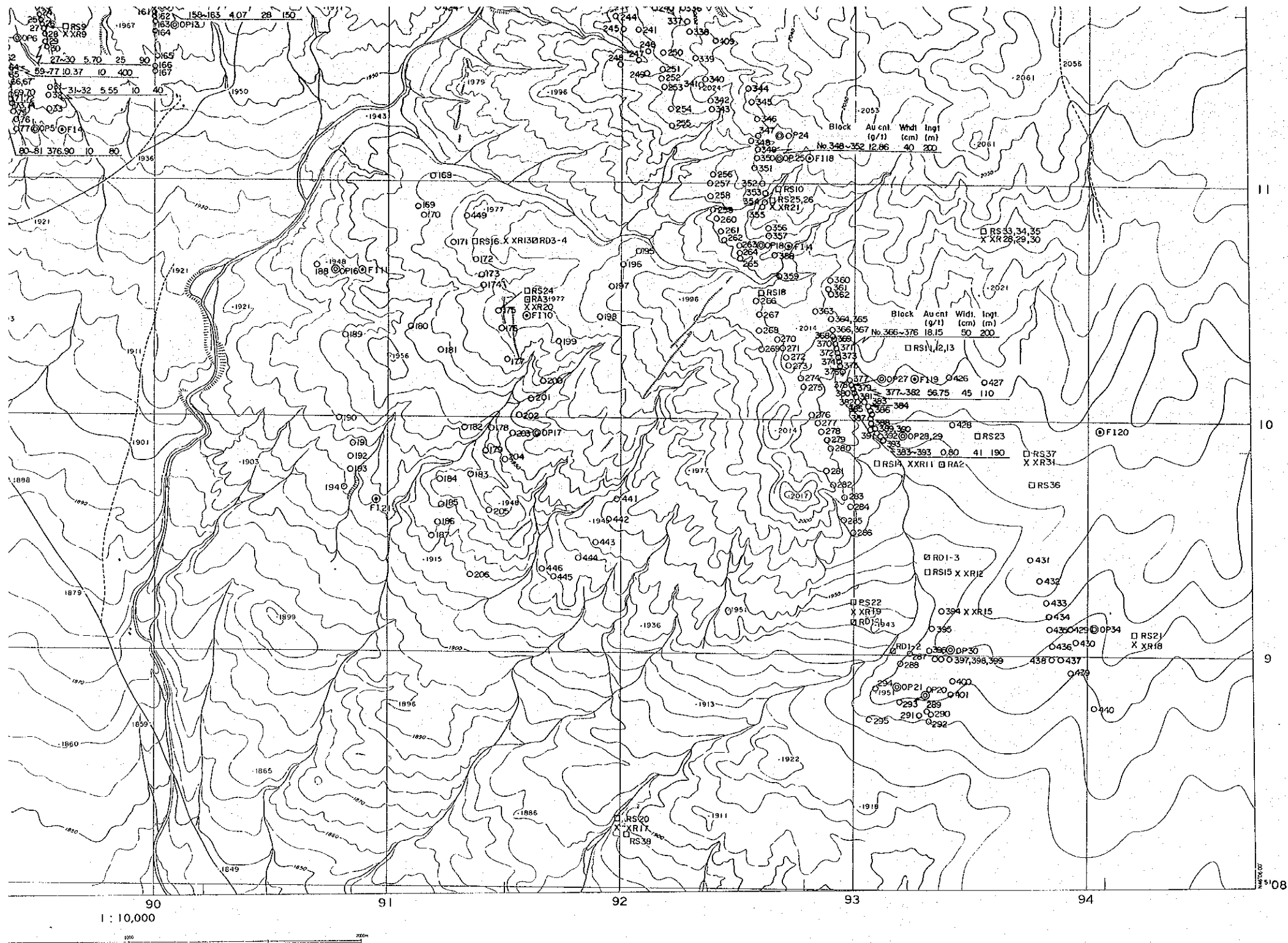
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Fig. II -2-5 Classification of gold contents of each veins



ation of gold contents of each veins

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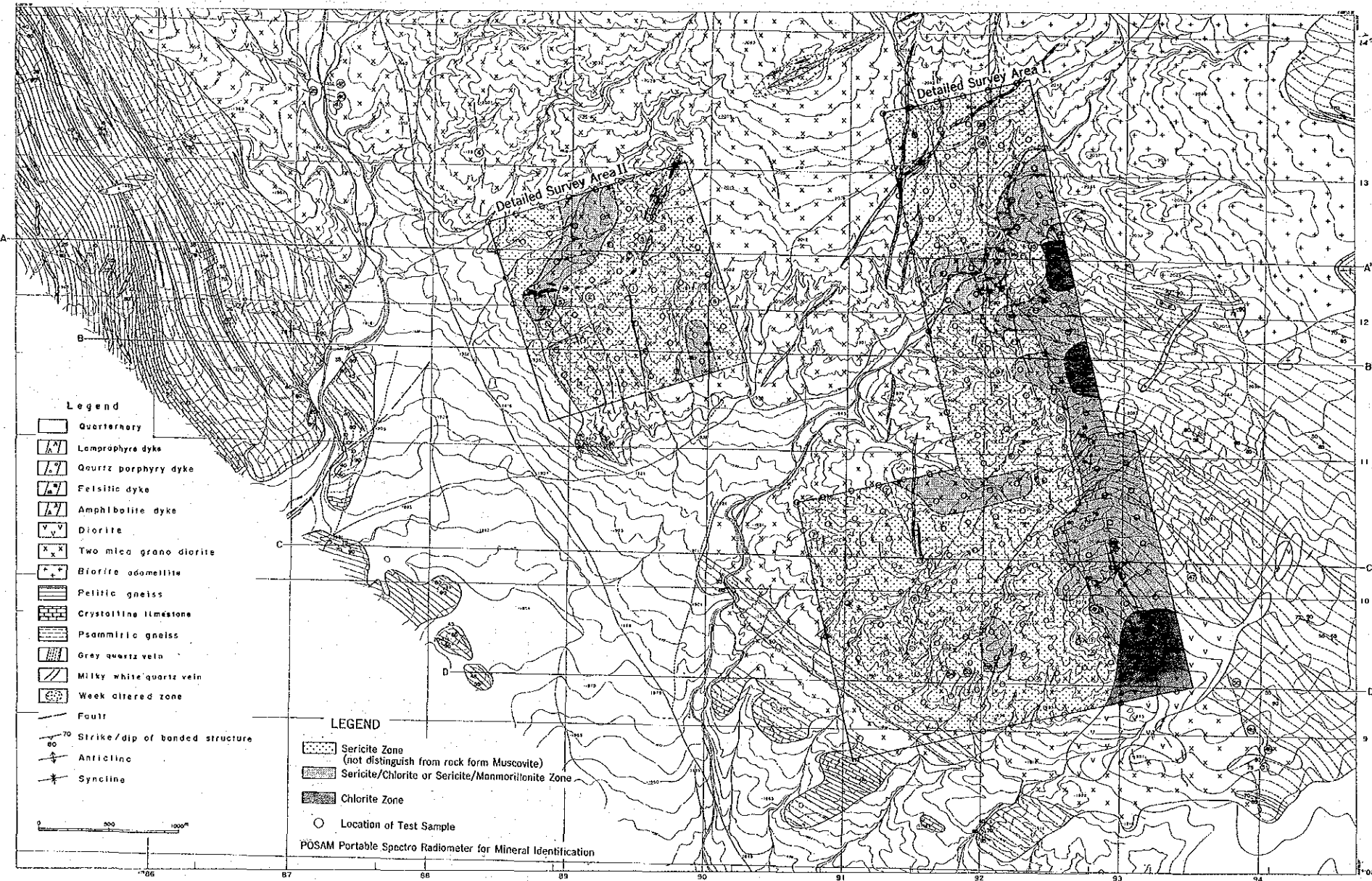
PHASE I

FIG. II-3-1

Distribution of altered clay minerals by POSAM

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THE MINERAL EXPLORATION
 IN THE TSAGAAN TSAKHIR UUL AREA
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FIG. II-3-1
 Distribution of altered clay minerals by POSAM

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Fig. II-3-1 DISTRIBUTION OF ALTERED CLAY MINERALS BY POSAM

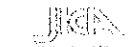
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 PHOTOGRAPHY 1983

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