

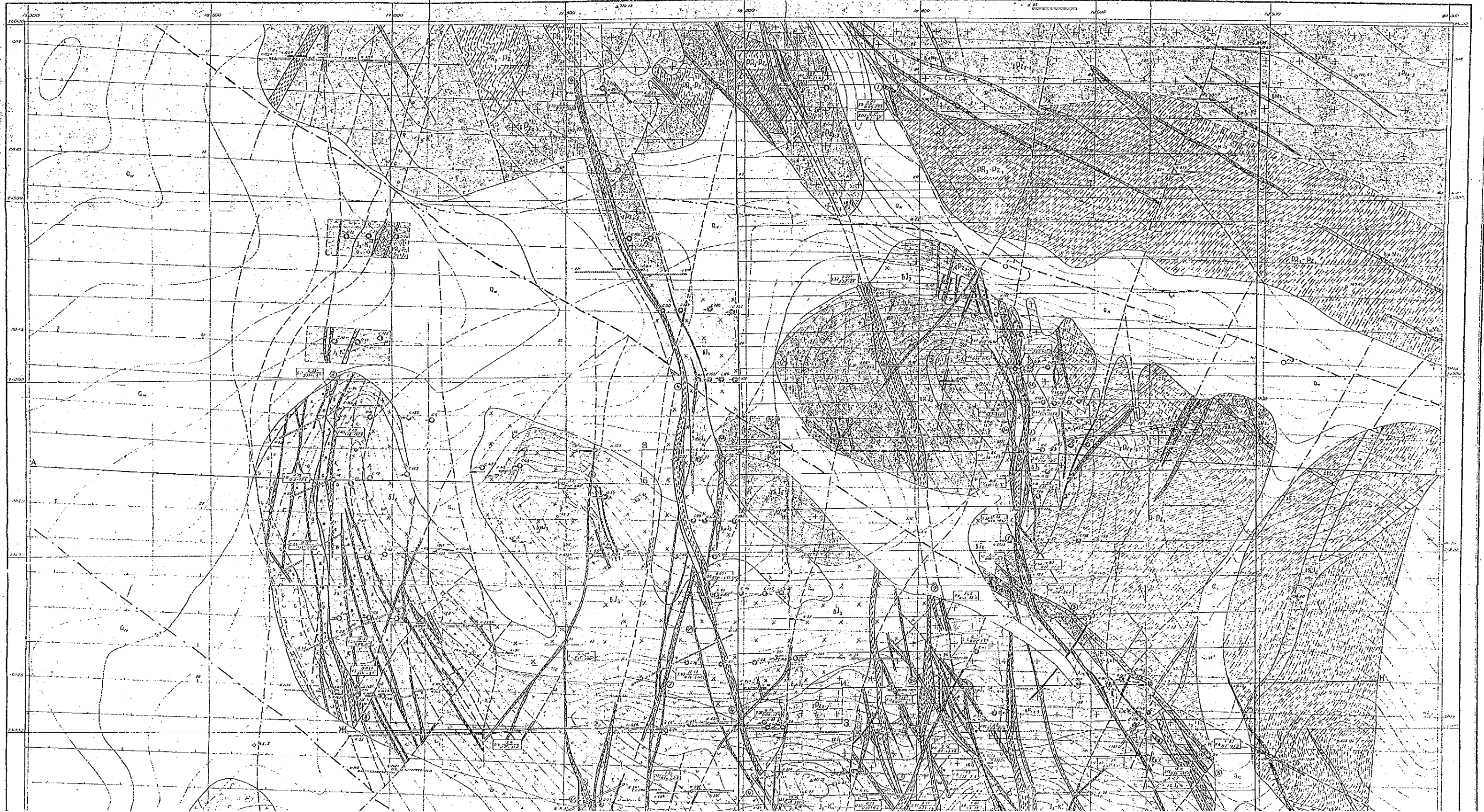
PL. II-1-2 GEOLOGIC MAP OF THE TSAV
POLYMETALLIC DEPOSIT

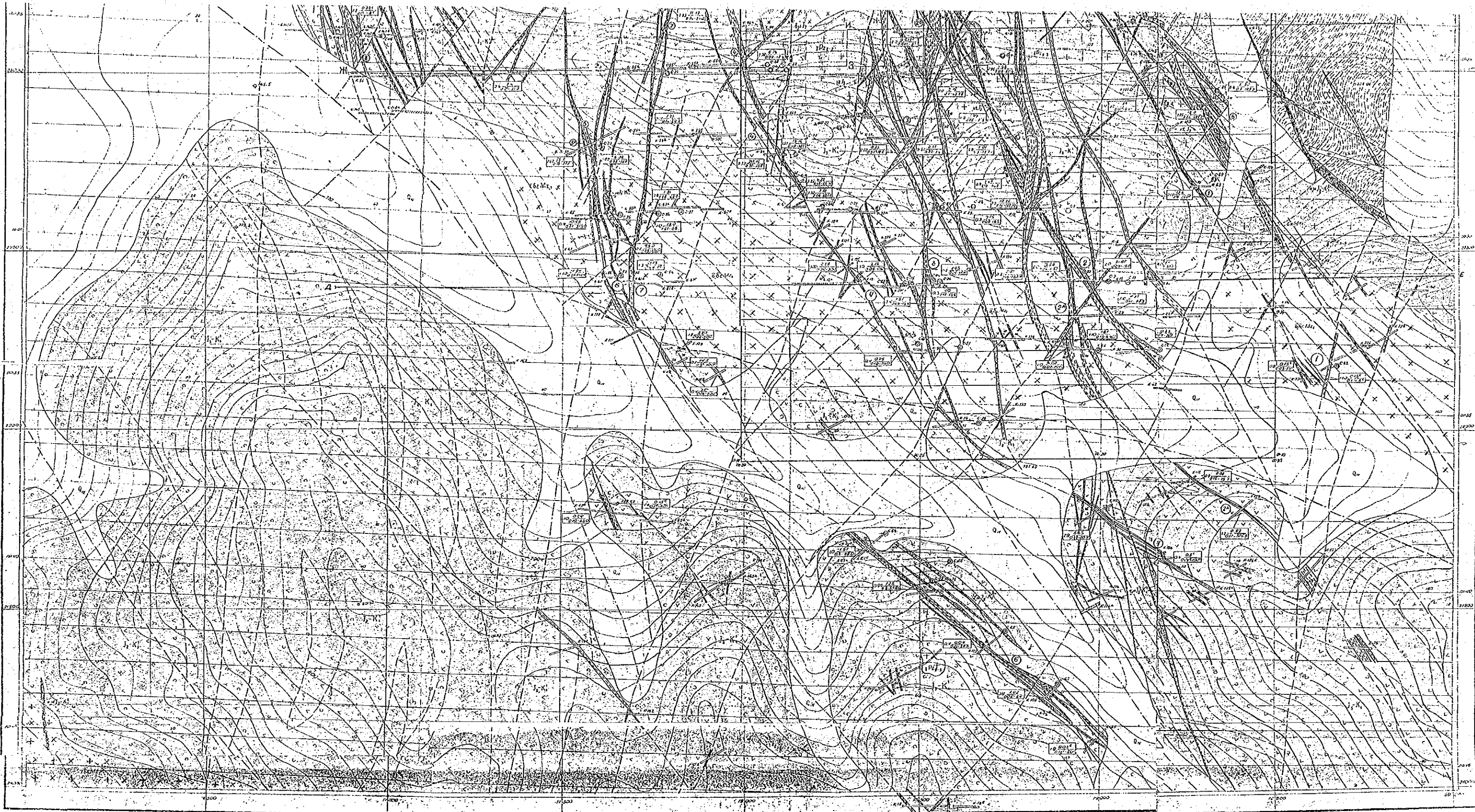
M-50-III-48; 49; 66; 67; 84; 85

SCALE 1:5000

Оценки горизонталей через 2м

1982-1986 гг.





LEGEND

Q₅ QUARTERNARY

MESOZOIC

UPPER JURASSIC - LOWER CRETACEOUS

TSAGAN-TSAV F.

J₃₋₄ UPPER SUB-F.
BASALT, ANDESITE - BASALT

J₂₋₃ LOWER SUB-F.
ANDESITIC PORPHYRY AND TUFF,
RHYOLITIC PORPHYRY AND LAVA, TUFACEOUS SANDSTONE

UPPER PROTEROZOIC - LOWER PALEOZOIC

SCHIST, GNEISS, GRANITE - GNEISS

INTRUSIVE ROCKS
UPPER JURASSIC

J₁ GRANITE - PORPHYRY

EARLY MESOZOIC

J₁ DIORITE, DIORITIC PORPHYRY

J₂ "GRAN-SYENITE" - PORPHYRY, SYENITE - PORPHYRY

SYMBOLS OF LITHOFACIES

J₃ GRANITE - GNEISS

GNEISS

SCHIST

J₄ BASALT(1), ANDESITE - BASALT(2)

J₅ ANDESITE(1), ANDESITIC PORPHYRY

J₆ DACITE(1), ANDESITIC PORPHYRY

FAULT

F₁ ACTUAL(1), INFERRED(2), CONCEALED(3)

F₂ CRUSHED AND MYLONITIZED ZONE(1), SHEARED ZONE(2)

F₃ POLYMETALLIC VEIN(1), SHEARED ZONE WITH MINERALIZATION,
ORE DISSEMINATED ZONE(3)

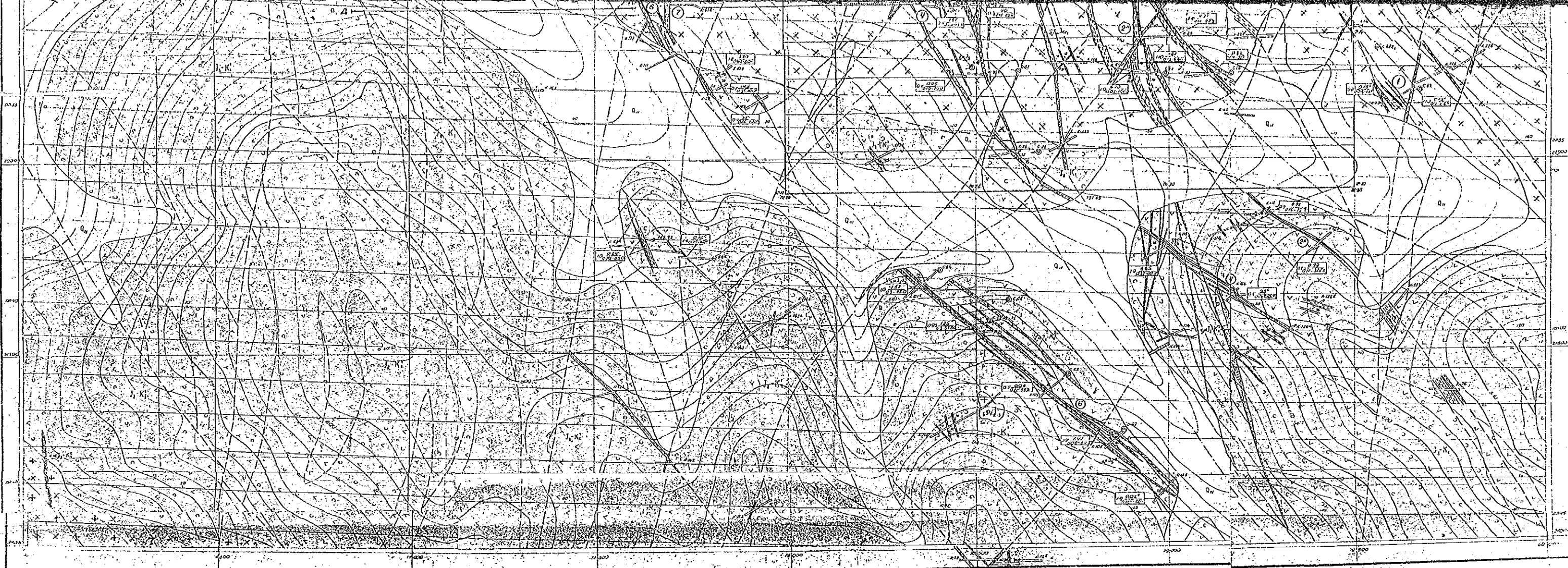
OTHERS

vein width $\frac{1}{16}$ to $\frac{1}{8}$ ore grade 6.74 Chemical assay
 $\frac{1}{16}$ to $\frac{1}{8}$ Zn %, Ag g/t 100 spectrochemical analysis
1600 by naked eye

O₁ GEOLOGIC BOUNDARY: ACTUAL(1), INFERRED(2), FACIES(3)

O₂ BEDDING, ORE BODY(1), FLOW STRUCTURE(2)

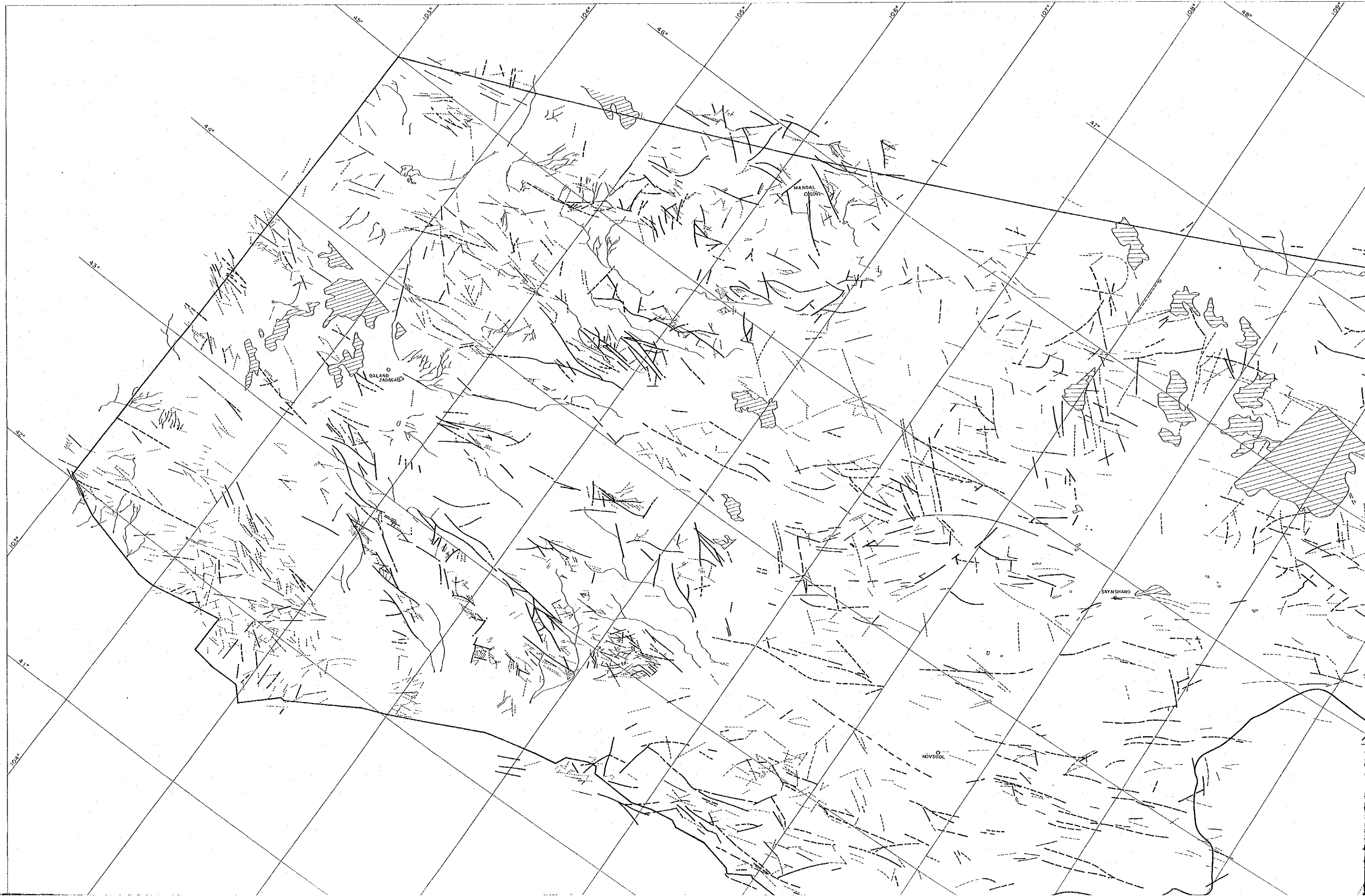
O₃ TRENCH AND MOUNTAIN STRIPPED(1), UN-STRIPPED(2)

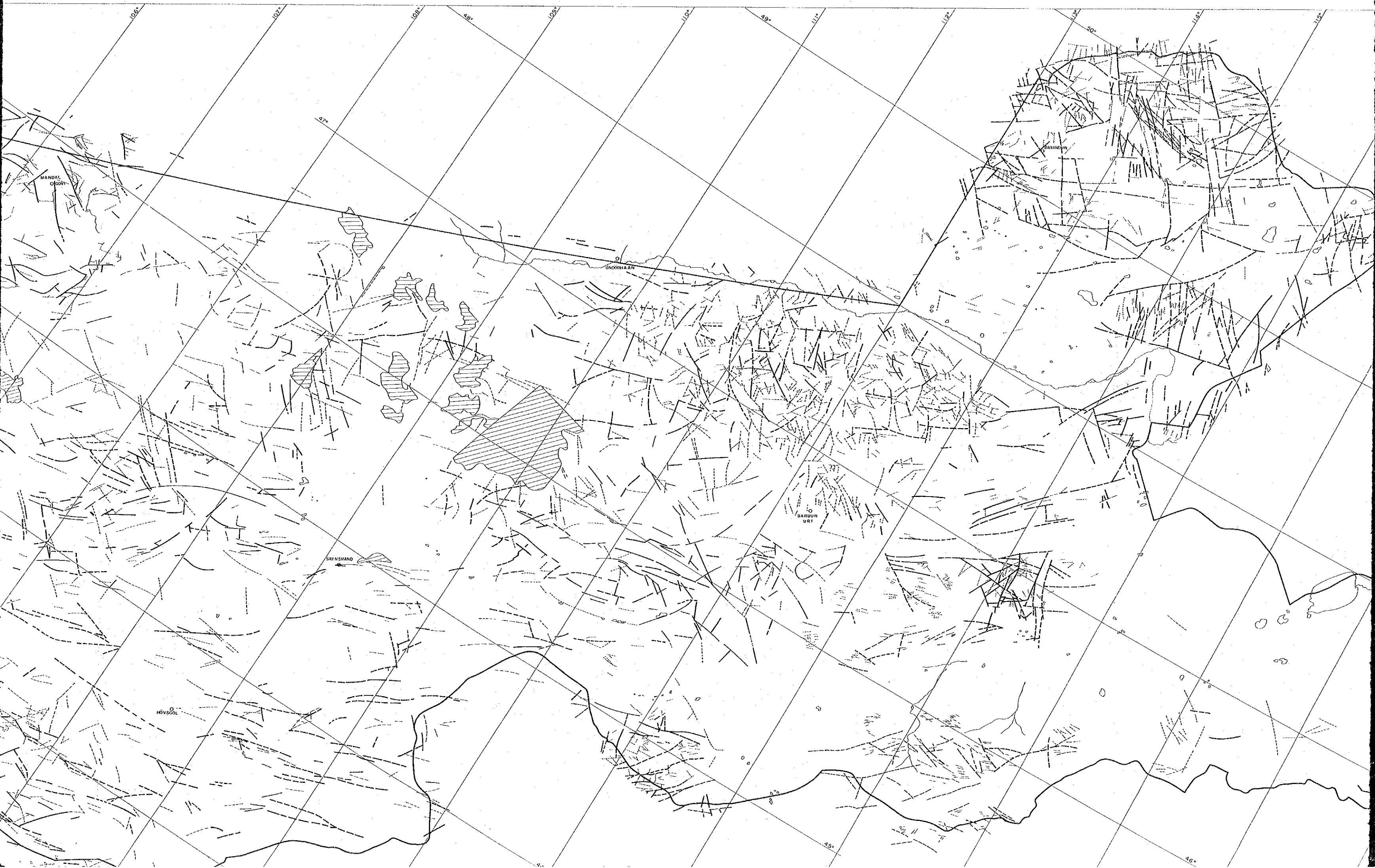


L E G E N D

<p>QUATERNARY</p> <p>MESOZOIC</p> <p>UPPER JURASSIC - LOWER CRETACEOUS</p> <p>TSAGAAN-TSAV F.</p> <p>UPPER SUB-F.</p> <p>BASALT, ANDESITE - BASALT</p> <p>LOWER SUB-F.</p> <p>ANDESITIC PORPHYRY AND TUFF, RHYOLITIC PORPHYRY AND LAVA, TUFFACEOUS SANDSTONE</p> <p>UPPER PROTEROZOIC - LOWER PALEOZOIC</p> <p>SCHIST, GNEISS, GRANITE - GNEISS</p> <p>INTRUSIVE ROCKS</p> <p>UPPER JURASSIC</p> <p>GRANITE - PORPHYRY</p> <p>DIORITE, DIORITIC PORPHYRY</p> <p>EARLY MESOZOIC</p> <p>DIORITE, SYENITE - DIORITE</p> <p>GRANDIORITE, "GRANO-SYENITE"</p> <p>GRANDIORITE - SYENITE</p> <p>MIDDLE - LATE PALEOZOIC</p> <p>GRANITE, GRANDIORITE</p> <p>D I K E S</p> <p>UPPER JURASSIC - LOWER CRETACEOUS</p> <p>ANDESITIC PORPHYRY</p> <p>UPPER JURASSIC</p> <p>GRANITE PORPHYRY, FELSITE - PORPHYRY</p>	<p>EARLY MESOZOIC</p> <p>DIORITE, DIORITIC PORPHYRY</p> <p>"GRANO-SYENITE" - PORPHYRY, SYENITE - PORPHYRY</p> <p style="text-align: center;">SYMBOLS OF LITROFACIES</p> <p>GRANITE - GNEISS</p> <p>GNEISS</p> <p>SCHIST</p> <p>BASALT(1), ANDESITE - BASALT(2)</p> <p>ANDESITE(1), ANDESITIC PORPHYRY</p> <p>DACITE(1), ANDESITIC PORPHYRY</p> <p>RHYOLITE, RHYOLITIC PORPHYRY(1), INTERMEDIATE(2) AND ACIDIC LAVA BRECCIA(3)</p> <p>INTERMEDIATE TUFF(1), ACIDIC TUFFACEOUS SANDSTONE(2), TUFFACEOUS CONGLOMERATE(3)</p> <p>GRANITE, COARSE-GRAINED - MEDIUM-GRAINED(1) FINE-GRAINED(2)</p> <p>GRANITE - PORPHYRY</p> <p>DIORITE, DIORITIC PORPHYRY</p> <p>SYENITE(1), "GRANO-SYENITE"(2)</p> <p>SYENITE - DIORITE</p> <p style="text-align: center;">ALATERATION</p> <p>QUARTZ(1), KAOLINITE(2), EPIDOTE(3)</p> <p>LIMONITE(1), HEMATITE(2), Mn-OXIDE(3)</p>	<p style="text-align: center;">F A U L T</p> <p>ACTUAL(1), INFERRED(2), CONCEALED(3)</p> <p>CRUSHED AND MYLONITIZED ZONE(1), SHEARED ZONE(2)</p> <p>POLYMETALLIC VEIN(1), SHEARED ZONE WITH MINERALIZATION, ORE DISSEMINATED ZONE(3)</p> <p style="text-align: center;">O T H E R S</p> <p>vein width $\frac{Pb\%}{Zn\%, Ag\ g/t}$ ore grade $\frac{6.74}{1\ c}$ Chemical assay spectrochemical analysis by naked eye</p> <p>GEOLOGIC BOUNDARY: ACTUAL(1), INFERRED(2), PACES(3)</p> <p>BEDDING, ORE BODY(1), FLOW STRUCTURE(2)</p> <p>TRENCH AND No.: STRIPPED(1), UN-STRIPPED(2)</p> <p>BORING HOLE AND No.: 1. PROSPECTING A) MEASURED INCLINATION, B) UN-MEASURED INCLINATION 2. HYDROLOGIC BORING HOLE</p> <p>COORDINATES (GUCK 1985)</p> <p>SURVEY LINE AND No. (MGSS)</p> <p>GEOPHYSICAL SURVEY LINE AND No. (GUCK 1984)</p>
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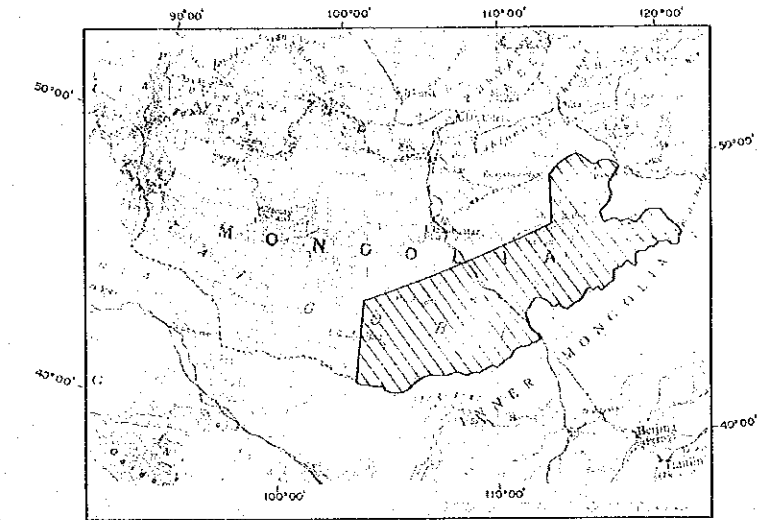
ИГ и ГП ЛМД Доржодская геологическая экспедиция Царская партией №2			
К отчету за 1984 - 1986 гг.			
Сводно-полиметаллическое месторождение Цав. ГЕОЛОГИЧЕСКАЯ КАРТА М-30-III-48:49,56,62,84,85			
М. РАБОТ ЭКСПЕДИЦИИ ИГ ГЕОЛОГ ПАРТИИ	Д. РАМАНДИ О. ЧУЛУН	М.С. 1:5000 РАД ПОИЛЧ АИСТ. I ОК 3. 1986 г.	КОМПЬЮТЕР И. ДОЛГОД





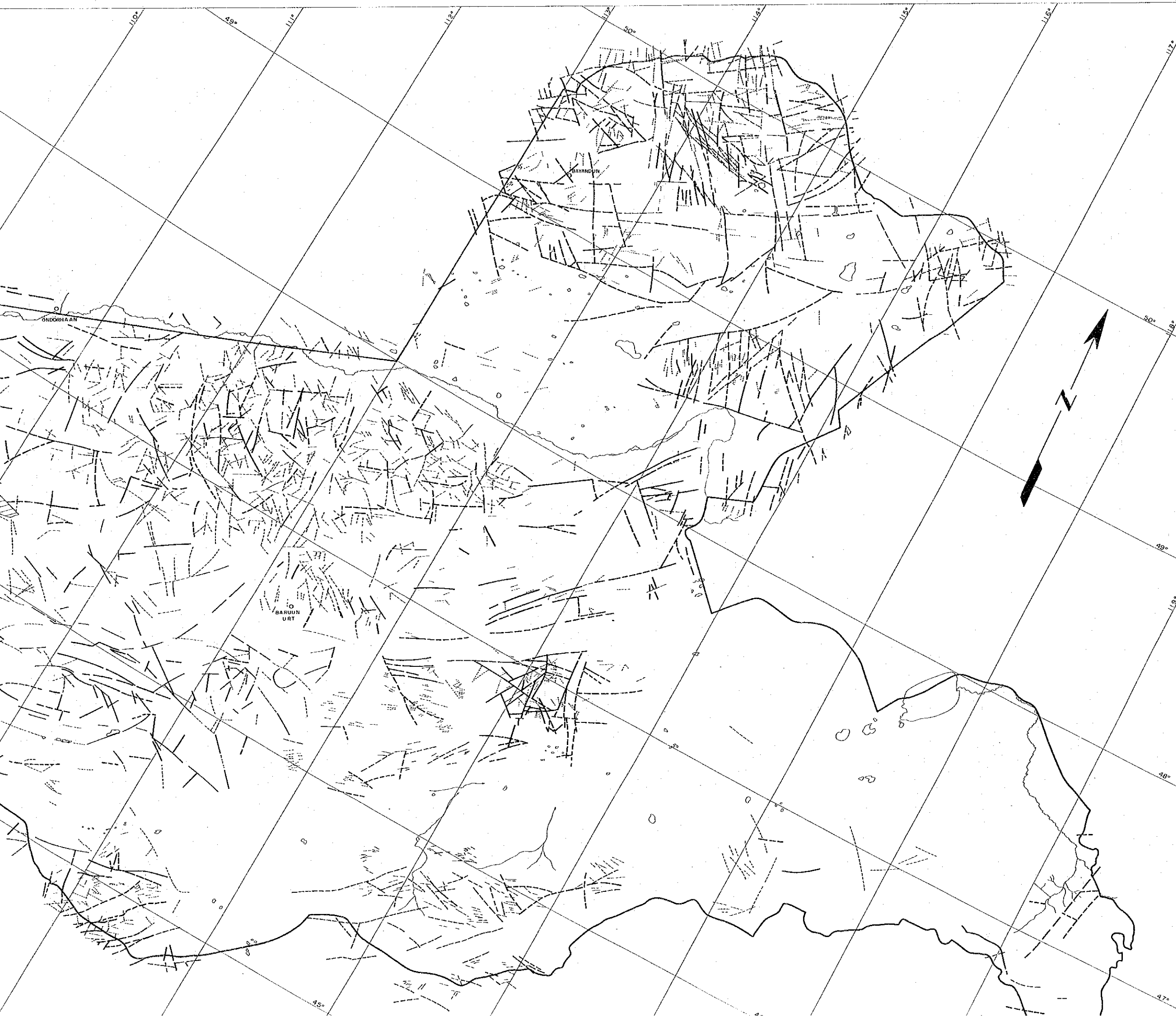
MINERAL EXPLORATION
IN
UUDAM - TAL AREA
THE MONGOLIAN PEOPLE'S REPUBLIC

DISTRIBUTION MAP OF LINEAMENTS
ON LANDSAT IMAGERY



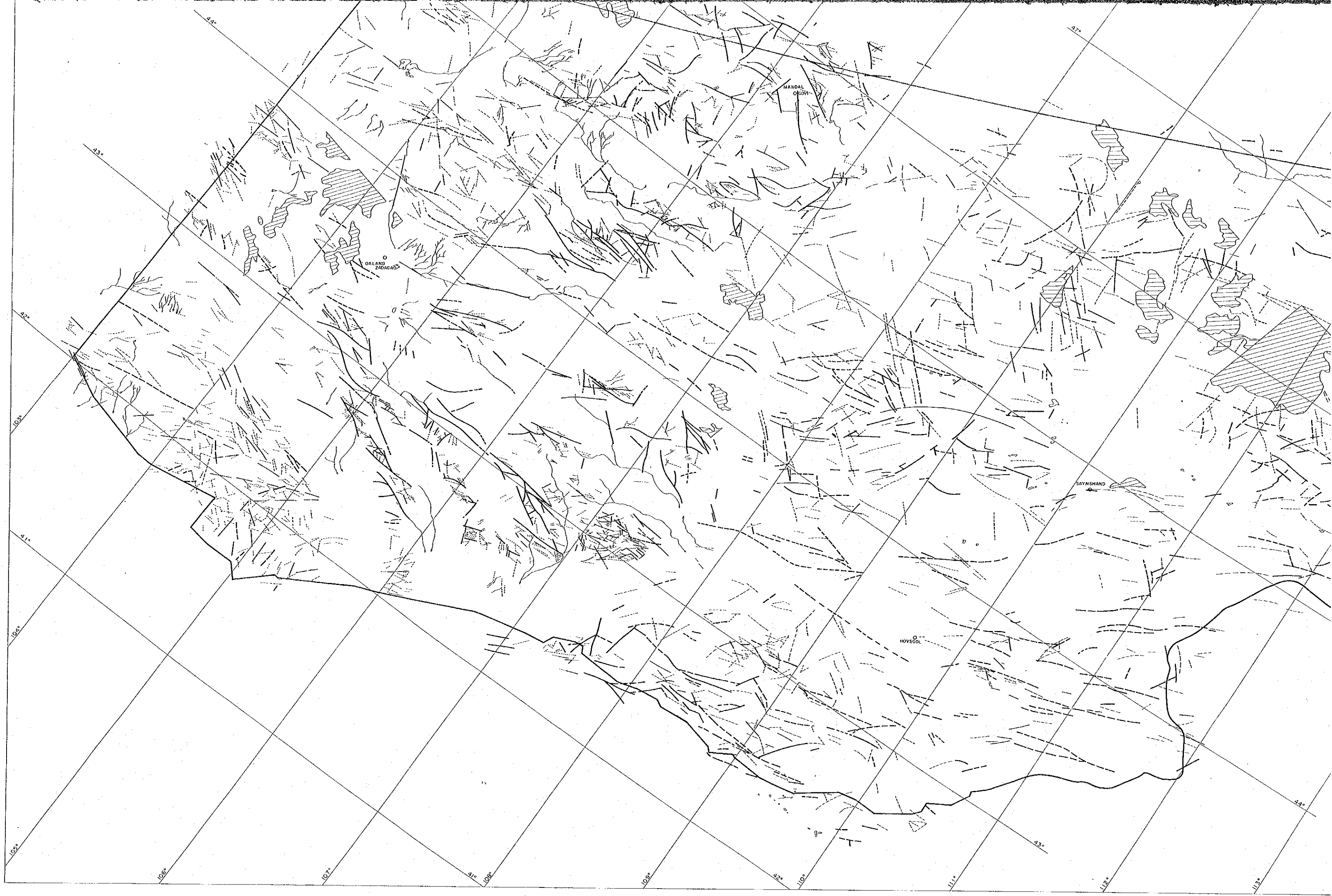
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

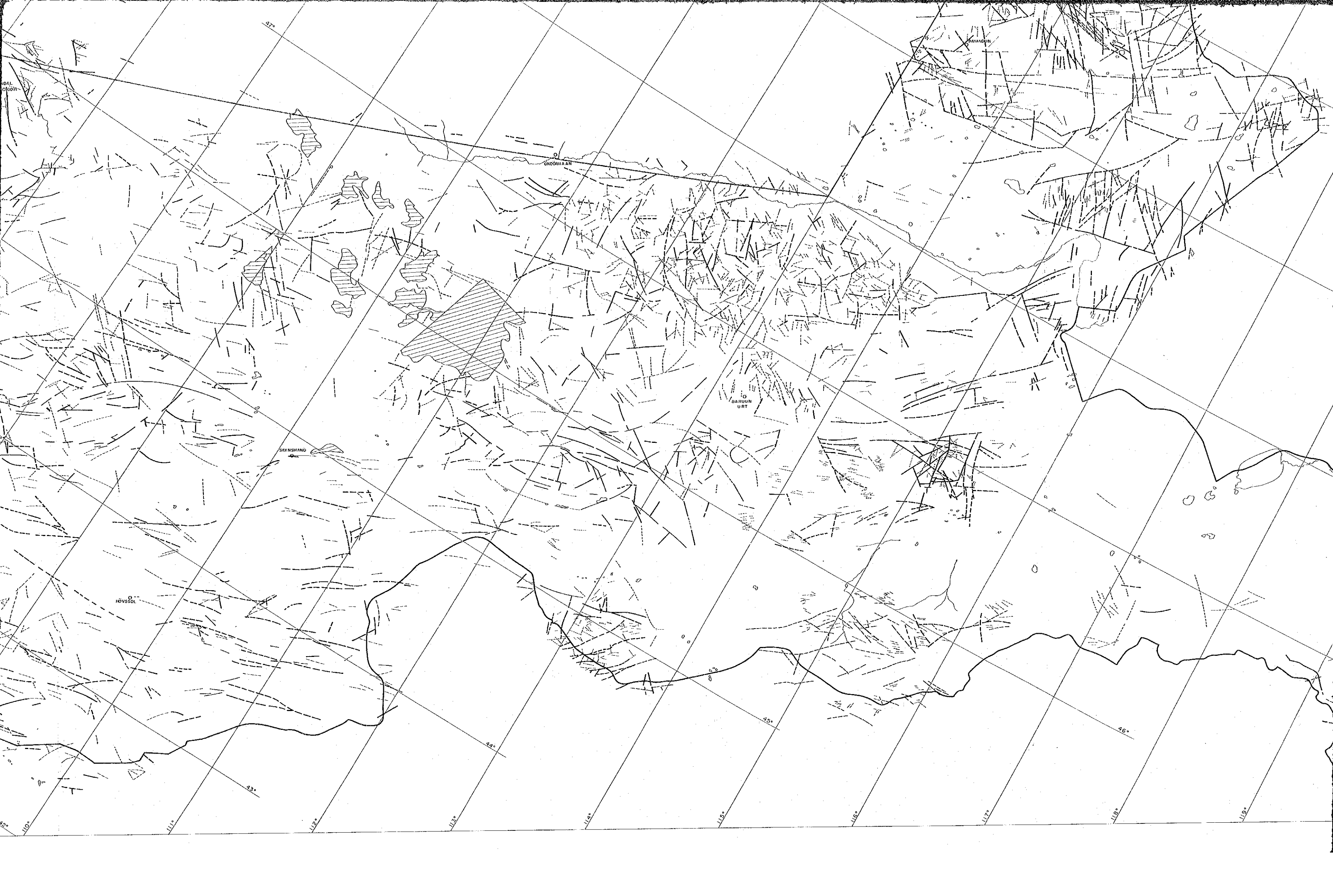
JANUARY 1992



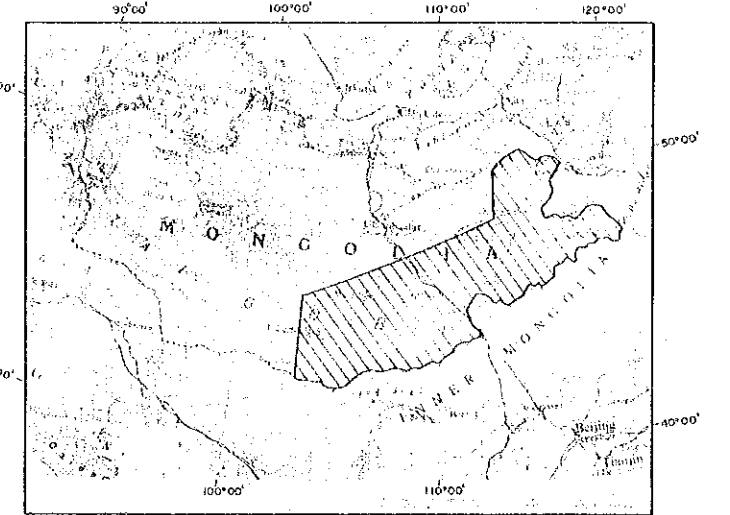
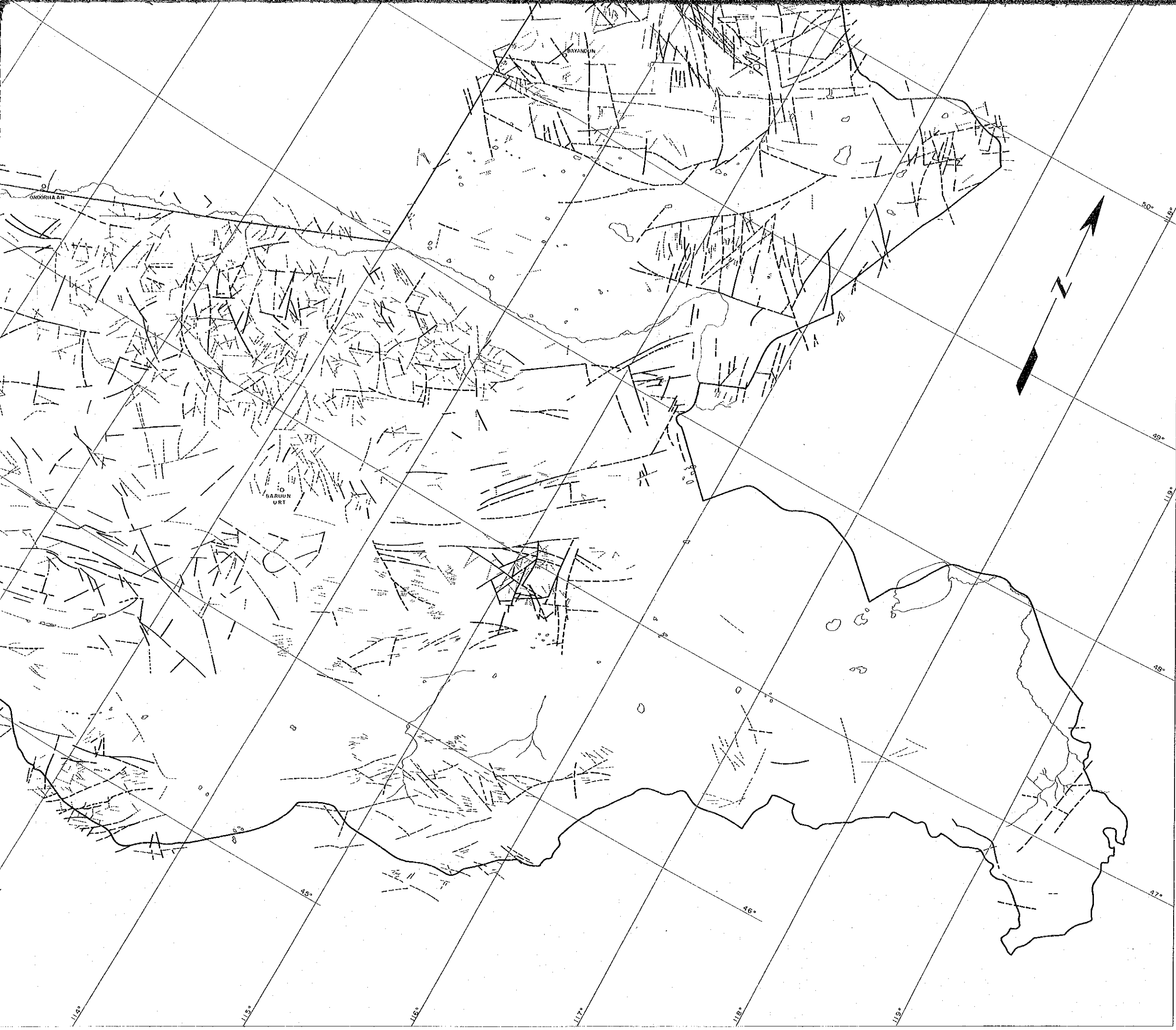
LEGEND

- fault
- - - inferred fault
- major lineament
- minor lineament
- drainage
- lake
- ▨ cloud cover
- town





ON LANDSAT IMAGERY

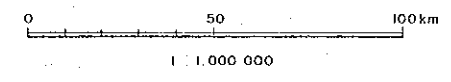


JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

JANUARY 1992

LEGEND

- fault
- - - inferred fault
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- - - minor lineament
- drainage
- lake
- ▨ cloud cover
- town



PL. II-1-3 Geological map of the Serven-Subait ore deposit

БНМАУ-ын ГУУЧЭЛЭМ ОРГАНИЗАЦИЙН ЭХЭМЭДИЙЧИ
ГЕОЛОГИЙН ЗУРАГ
 (Сэрвэн-Сүхэйтийн нэрийдчилсэн хайгуулын үүл,
 ормийн ажлын байршил)
 масштаб
 1980 г.

