

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 1993

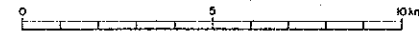
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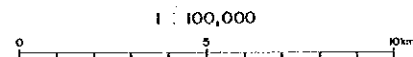
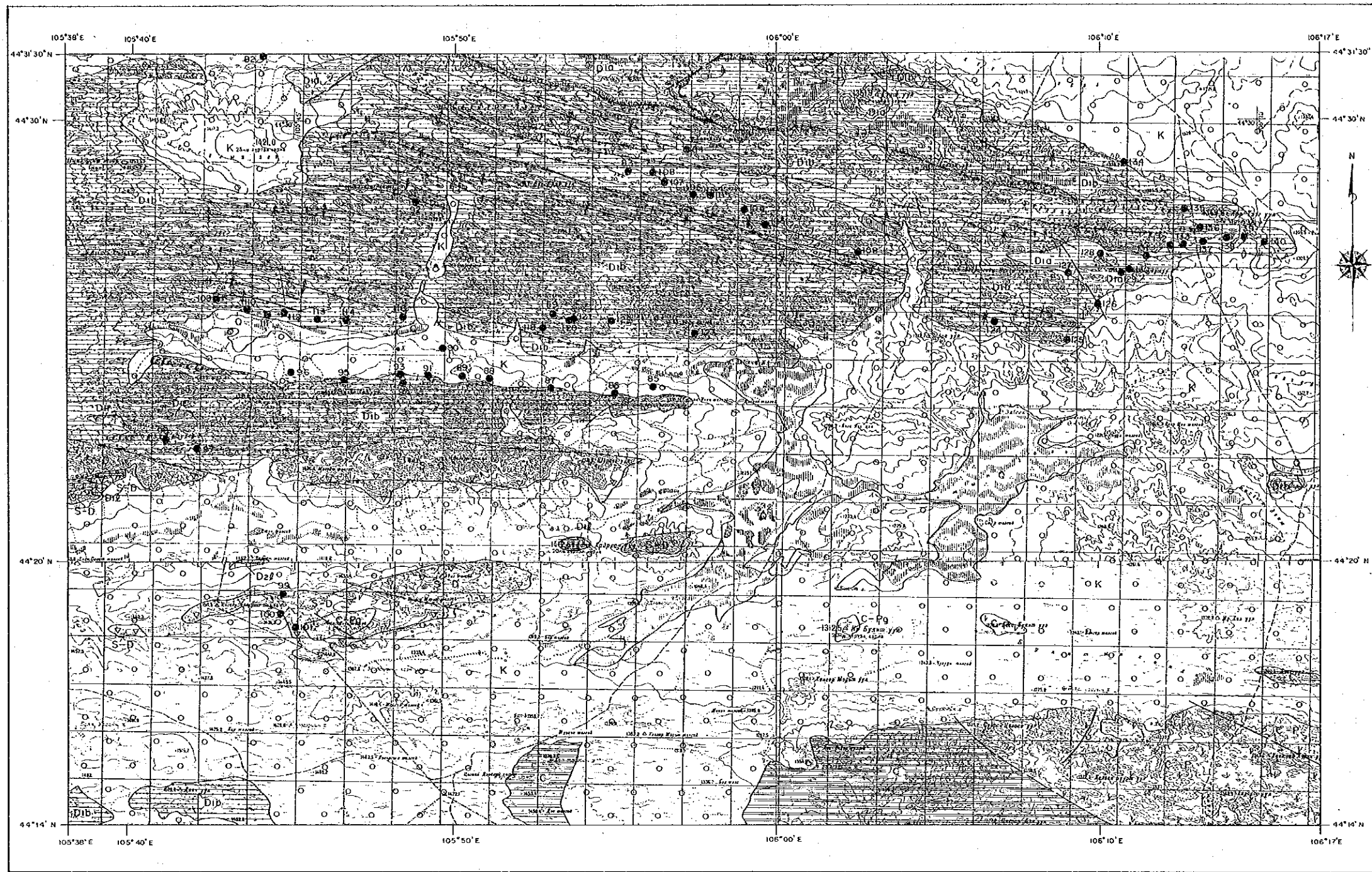
Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	A A A A	olivine basalt
Cretaceous	K	O O O O	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	— — — —	conglomerate, siltstone, sandstone
	J-Kv	■ ■ ■ ■	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	— — — —	conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyhyolite
Permian	P	V V V V	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	V V V V	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	V V V V	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	V V V V	tuffaceous conglomerate, sandstone, siltstone
	D2f	△ △ △ △	limestone
Devonian	D2	△ △ △ △	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	— — — —	limestone
	D1b	— — — —	sandstone, shale, siltstone
	D1a	— — — —	shale, siltstone, sandstone
Silurian-Devonian	S-Df	— — — —	limestone
	S-D	▽ ▽ ▽ ▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	— — — —	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	— — — —	sandstone, siltstone, clayey shale
Ripheian	Rf	— — — —	recrystallized limestone
	R2	— — — —	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	— — — —	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e	— — — —	granodiorite porphyry
	d	— — — —	diorite, microdiorite, diorite porphyry
	Pg	— — — —	granite, granosyenite
	Pr	— — — —	rhyolite, quartz porphyry
	C-Pg	— — — —	granite, granodiorite, granosyenite, diorite
	D2g	— — — —	granite, granodiorite
	D2d	— — — —	diorite, gabbro
D1r	— — — —	rhyolite, dacite	

● ore showing

K	unit name and boundary
—	strike and dip direction
—	anticline
—	syncline
—	fault
—	inferred fault
—	thrust fault

1 : 100,000



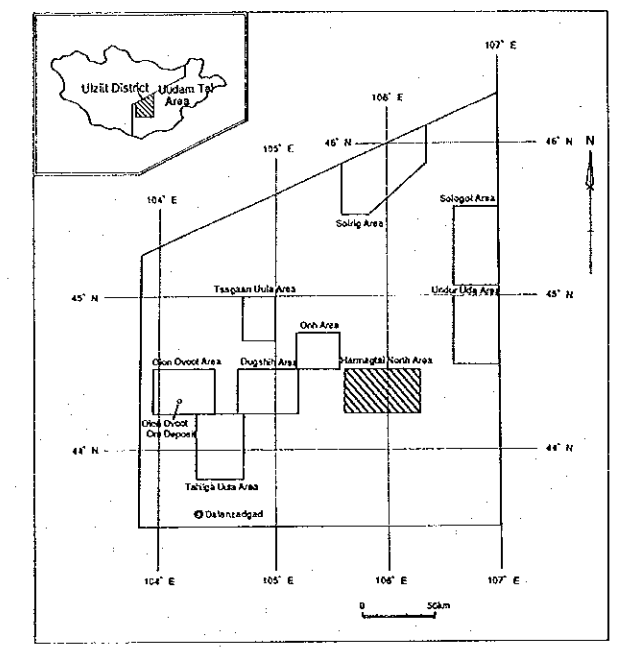


● ore showing

	unit name and boundary
	strike and dip direction
	anticline
	syncline
	fault
	inferred fault
	thrust fault

MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

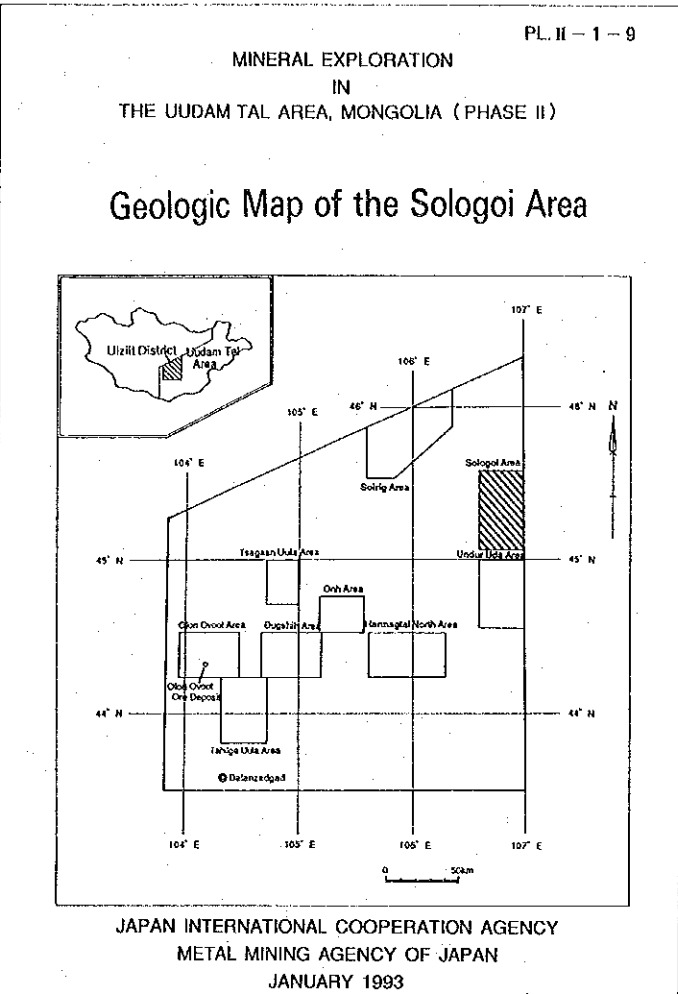
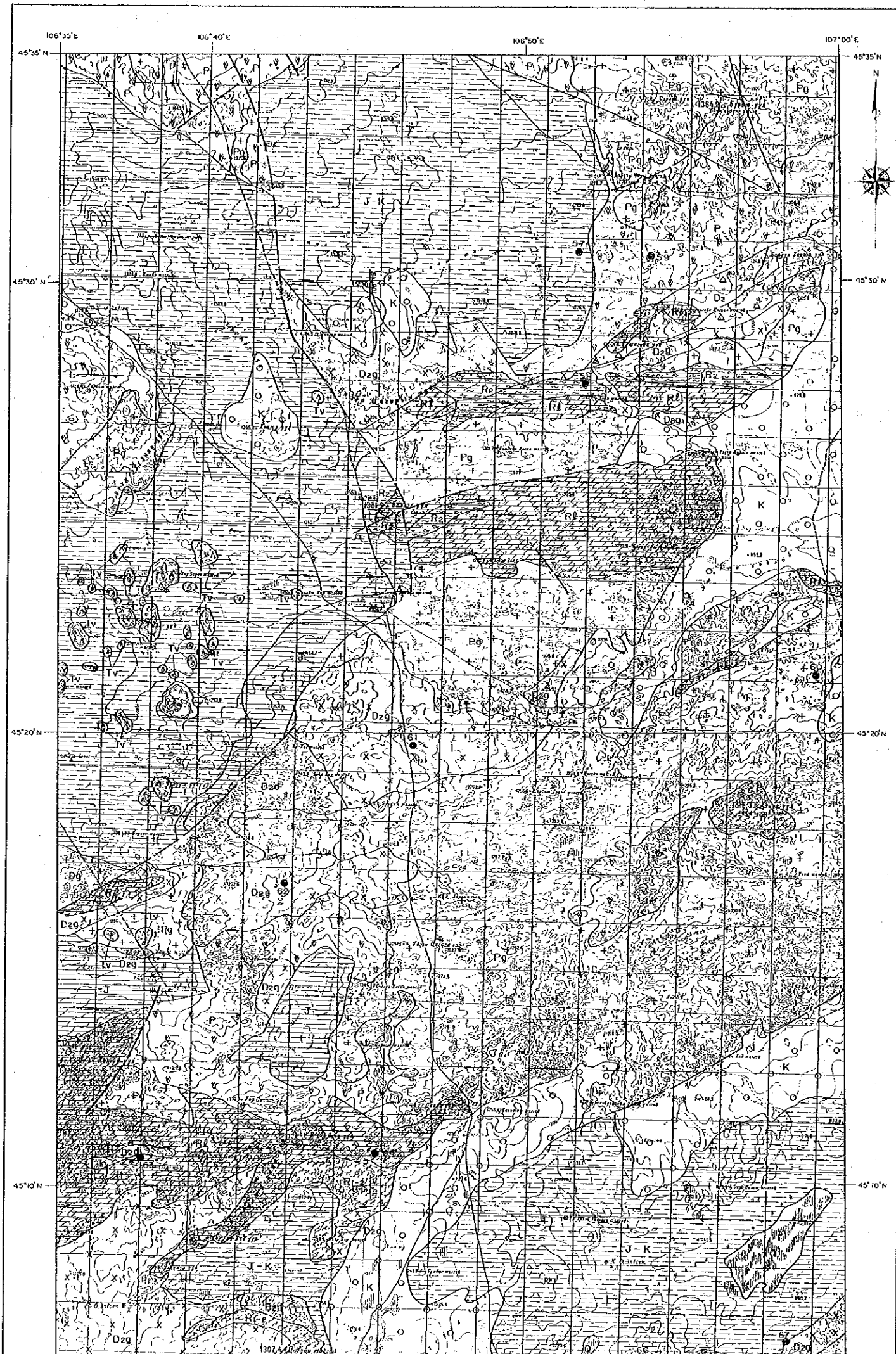
Geologic Map of the North Harmagtai Area



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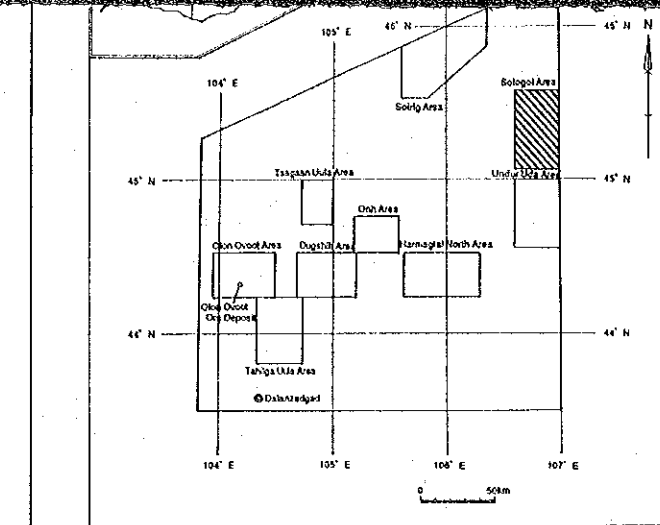
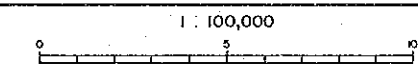
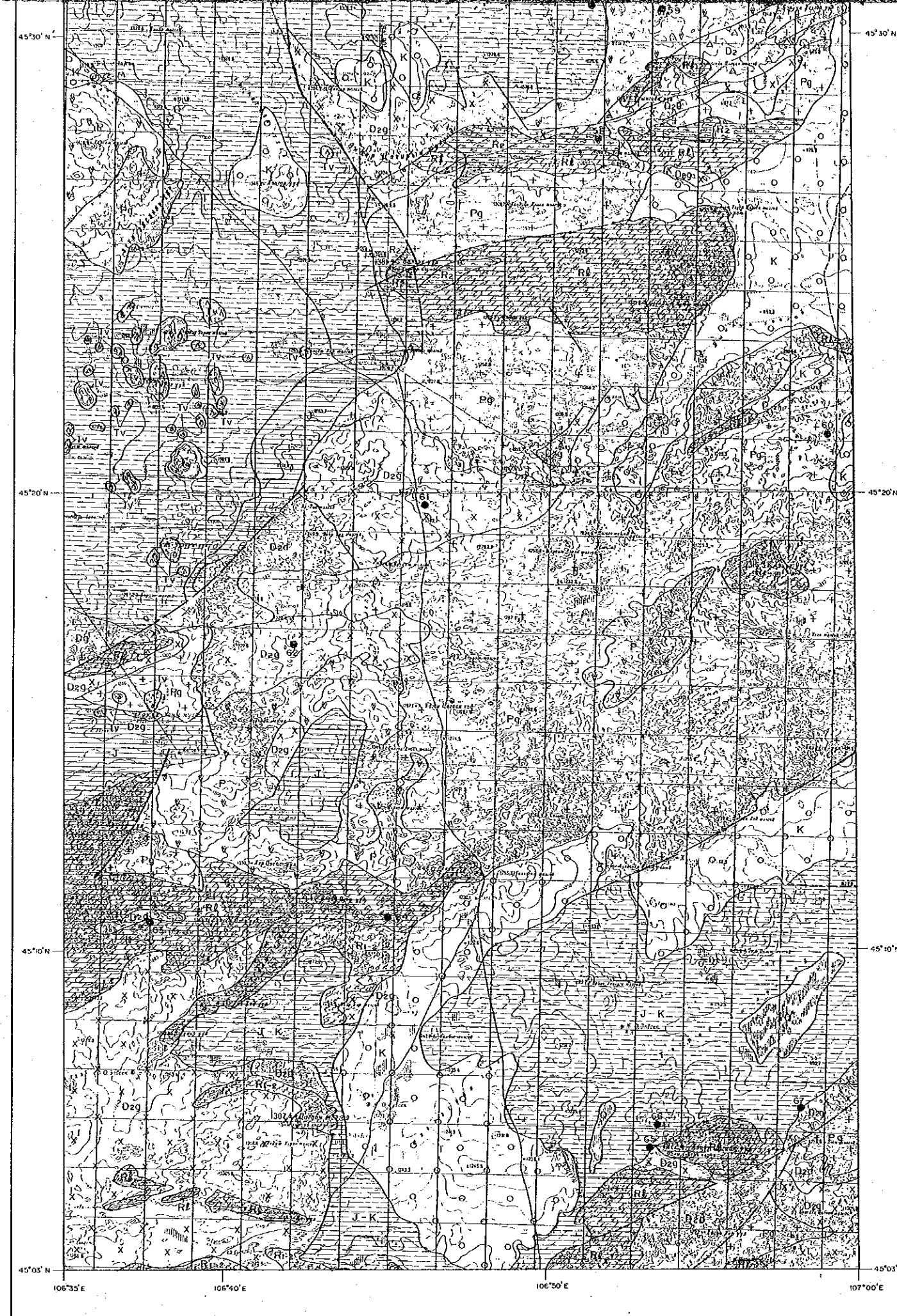
LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	□□□□	conglomerate, siltstone, sandstone
	J-Kv	■ ■ ■ ■	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨▨▨▨	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyrhyolite
Permian	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▨▨▨▨	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	▨▨▨▨	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▨▨▨▨	tuffaceous conglomerate, sandstone, siltstone
Devonian	D2f	▨▨▨▨	limestone
	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	▨▨▨▨	limestone
	D1b	▨▨▨▨	sandstone, shale, siltstone
	D1a	▨▨▨▨	shale, siltstone, sandstone
Silurian-Devonian	S-Df	▨▨▨▨	limestone
	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▨▨▨▨	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	▨▨▨▨	sandstone, siltstone, clayey shale
	Rf	▨▨▨▨	recrystallized limestone
Riphean	R2	▨▨▨▨	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	▨▨▨▨	shale, amphibolite, quartzite, phyllite, gneiss
	e	▨▨▨▨	granodiorite porphyry
Intrusive Rocks	d	●	diorite, microdiorite, diorite porphyry
	Pg	+	granite, granosyenite
	Pr	▨▨▨▨	rhyolite, quartz porphyry
	C-Pg	▨▨▨▨	granite, granodiorite, granosyenite, diorite
	D2g	××××	granite, granodiorite
	D2d	××××	diorite, gabbro
	D1r	▨▨▨▨	rhyolite, dacite



LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲ ▲ ▲ ▲	olivine basalt
Cretaceous	K	○ ○ ○ ○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	▨ ▨ ▨ ▨	conglomerate, siltstone, sandstone
	J-Kv	▲ ▲ ▲ ▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨ ▨ ▨ ▨	conglomerate, siltstone, sandstone
	Jv	∇ ∇ ∇ ∇	trachyte-dacite, trachyrhyolite
Permian	P	∇ ∇ ∇ ∇	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▨ ▨ ▨ ▨	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	▨ ▨ ▨ ▨	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▨ ▨ ▨ ▨	tuffaceous conglomerate, sandstone, siltstone
	D2f	▨ ▨ ▨ ▨	limestone
	D2	▲ ▲ ▲ ▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
Devonian	D1f	▨ ▨ ▨ ▨	limestone
	D1b	▨ ▨ ▨ ▨	sandstone, shale, siltstone
	D1a	▨ ▨ ▨ ▨	shale, siltstone, sandstone
Silurian-Devonian	S-Df	▨ ▨ ▨ ▨	limestone
	S-D	∇ ∇ ∇ ∇	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▨ ▨ ▨ ▨	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	Pz	▨ ▨ ▨ ▨	sandstone, siltstone, clayey shale
	Rf	▨ ▨ ▨ ▨	recrystallized limestone
Ripheian	R2	▨ ▨ ▨ ▨	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	▨ ▨ ▨ ▨	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	c	▨ ▨ ▨ ▨	granodiorite porphyry
	d	● ● ● ●	diorite, microdiorite, diorite porphyry
	Pg	▨ ▨ ▨ ▨	granite, granosyenite
	Pr	▨ ▨ ▨ ▨	rhyolite, quartz porphyry
	C-Pg	▨ ▨ ▨ ▨	granite, granodiorite, granosyenite, diorite
	D2g	× × × ×	granite, granodiorite
	D2d	× × × ×	diorite, gabbro



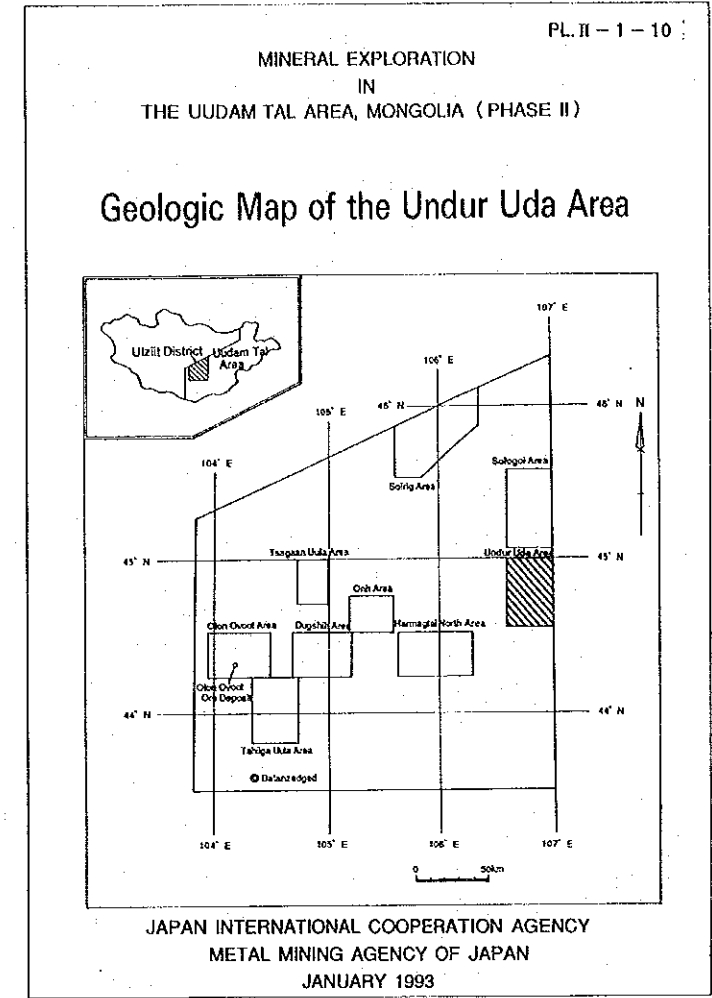
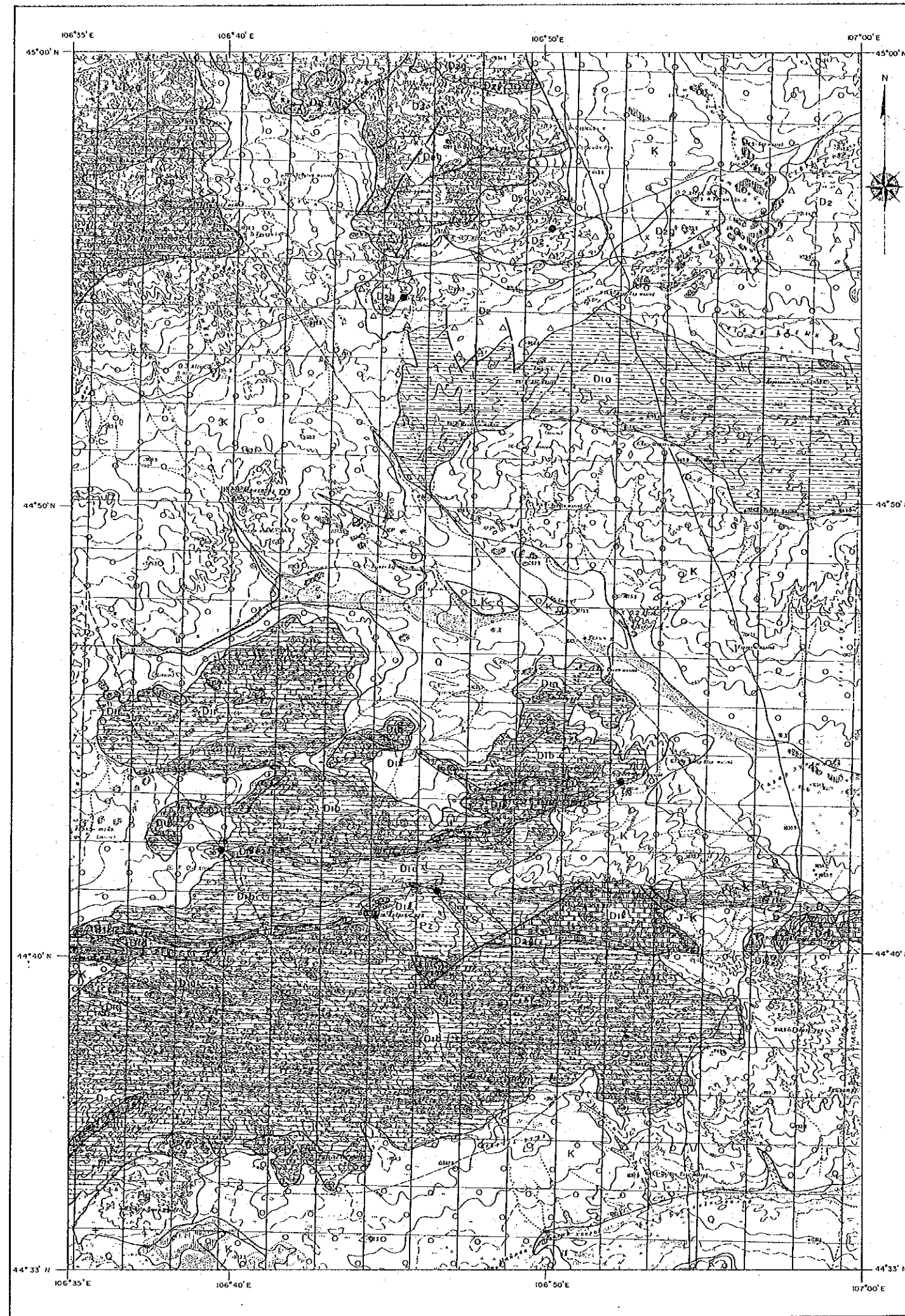
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JANUARY 1993

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Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
	J-K	○○○○	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
	J	○○○○	conglomerate, siltstone, sandstone
Jurassic	Jv	▽▽▽▽	trachyte-dacite, trachyhyolite
	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▽▽▽▽	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	○○○○	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	○○○○	tuffaceous conglomerate, sandstone, siltstone
	D2f	△△△△	limestone
Devonian	D2	△△△△	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	△△△△	limestone
	D1b	○○○○	sandstone, shale, siltstone
Silurian-Devonian	D1a	○○○○	shale, siltstone, sandstone
	S-Df	△△△△	limestone
Silurian	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
	S	○○○○	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	Pz	○○○○	sandstone, siltstone, clayey shale
Ripheian	Rf	○○○○	recrystallized limestone
	R2	○○○○	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	○○○○	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	c	▲▲▲▲	granodiorite porphyry
	d	●●●●	diorite, microdiorite, diorite porphyry
	Pq	++++	granite, granosyenite
	Pr	LLLL	rhyolite, quartz porphyry
	C-Pq	XXXX	granite, granodiorite, granosyenite, diorite
	D2g	XXXX	granite, granodiorite
	D2d	XXXX	diorite, gabbro
D1r	TTTT	rhyolite, dacite	

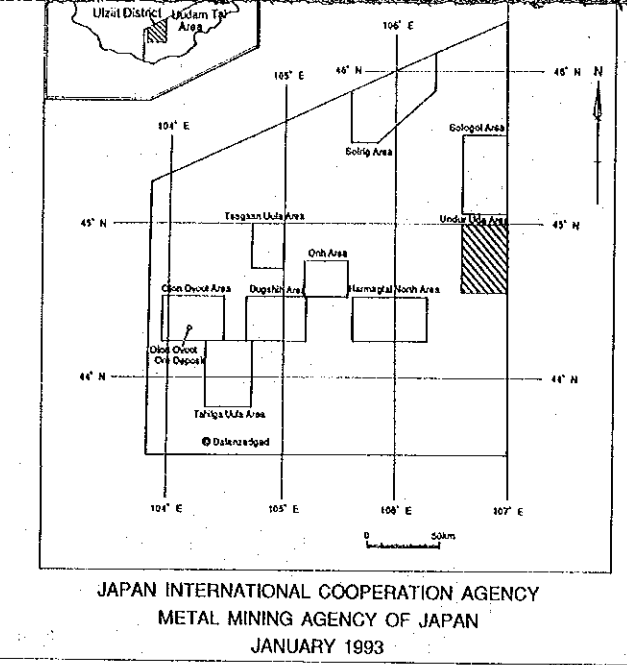
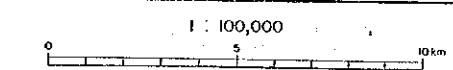
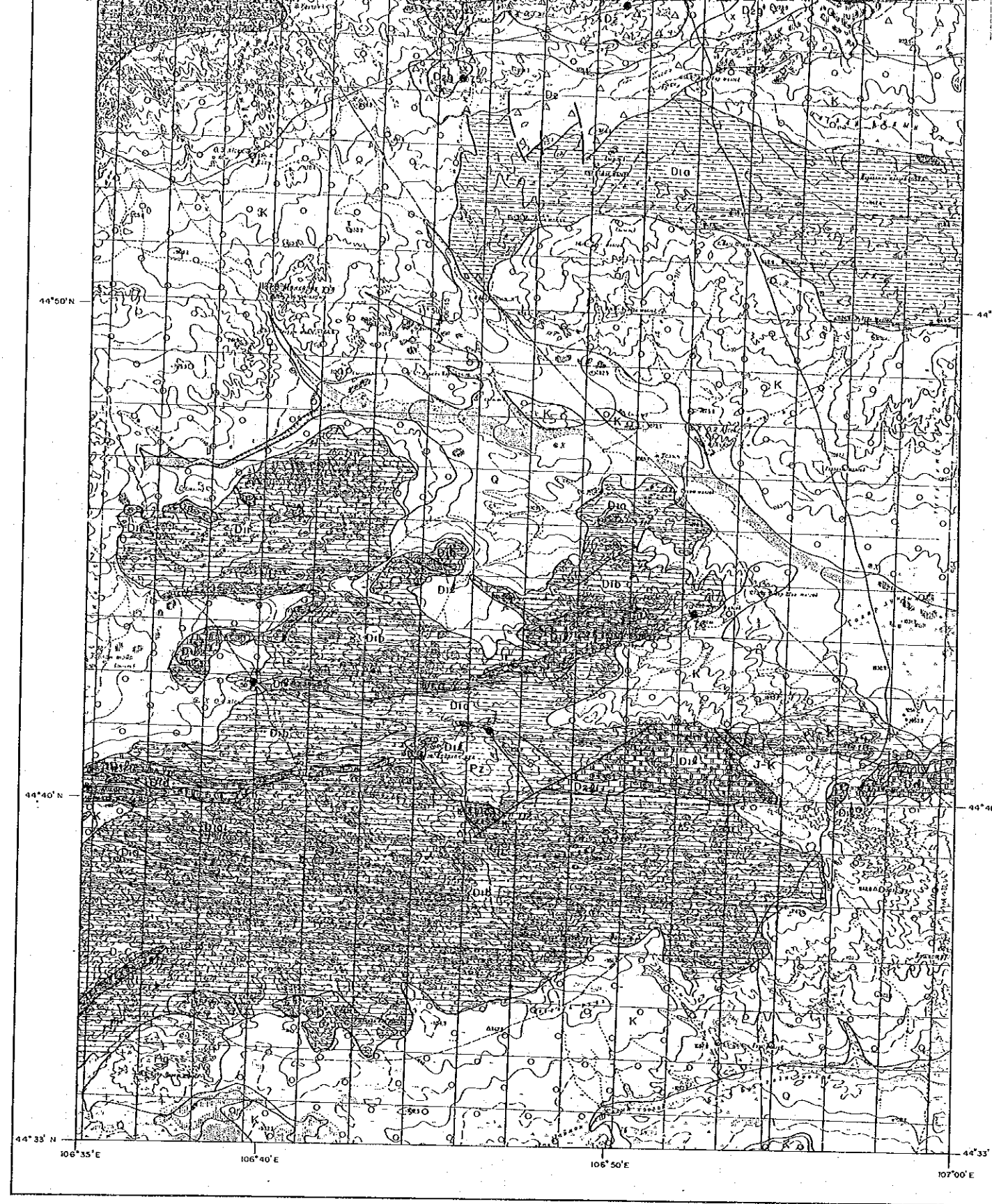
● ore showing

K	unit name and boundary
—	strike and dip direction
—	anticline
—	syncline
—	fault
—	inferred fault
—	thrust fault



LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	●●●●	conglomerate, siltstone, sandstone
	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	□□□□	conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyrhyolite
Permian	P	W W W W	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	V V V V	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	□□□□	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	□□□□	tuffaceous conglomerate, sandstone, siltstone
Devonian	D2f	□□□□	limestone
	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	□□□□	limestone
	D1b	□□□□	sandstone, shale, siltstone
Silurian-Devonian	D1a	□□□□	shale, siltstone, sandstone
	S-Df	□□□□	limestone
Silurian	S-D	▽▽▽▽	facite, rhyolite, andesite, tuff, phyllite, shale
	S	□□□□	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	□□□□	sandstone, siltstone, clayey shale
Riphean	Rf	□□□□	recrystallized limestone
	R2	□□□□	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	□□□□	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	c	▲▲▲▲	granodiorite porphyry
	d	●●●●	diorite, microdiorite, diorite porphyry
	Pg	□□□□	granite, granosyenite
	Pr	□□□□	rhyolite, quartz porphyry
	C-Pg	□□□□	granite, granodiorite, granosyenite, diorite
	D2g	□□□□	granite, granodiorite
D2d	□□□□	diorite, gabbro	



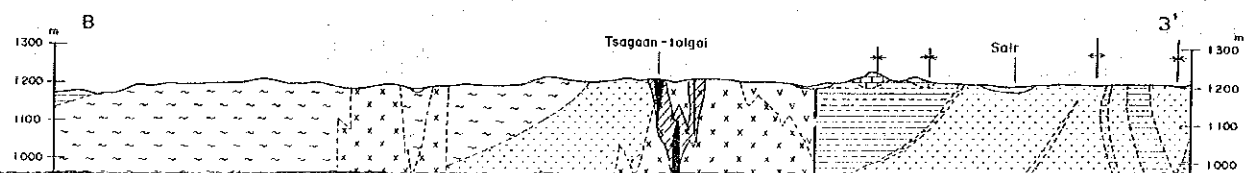
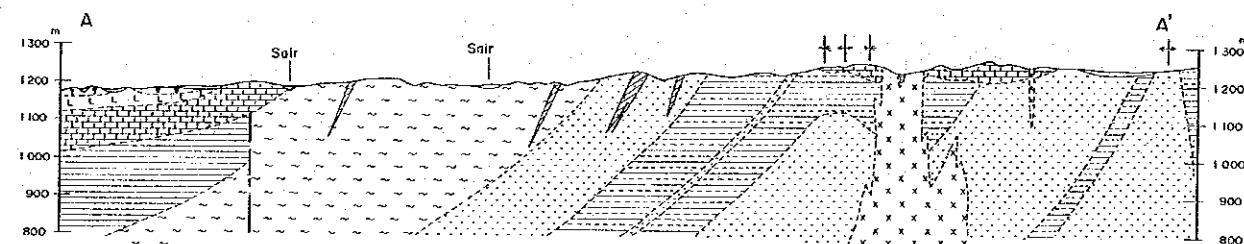
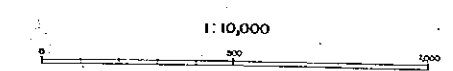
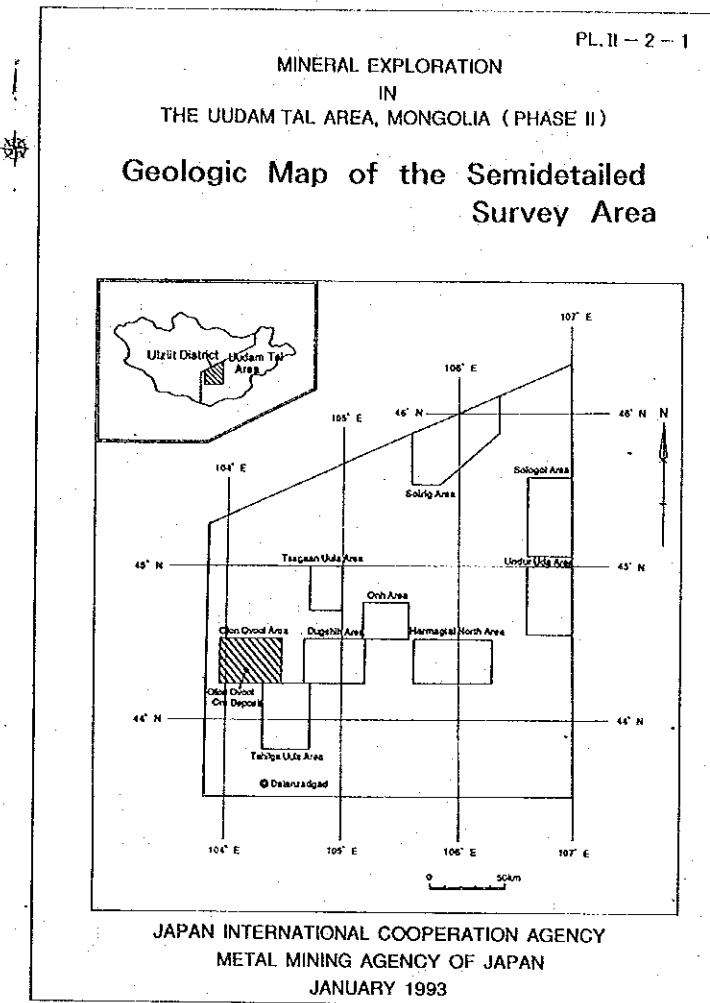
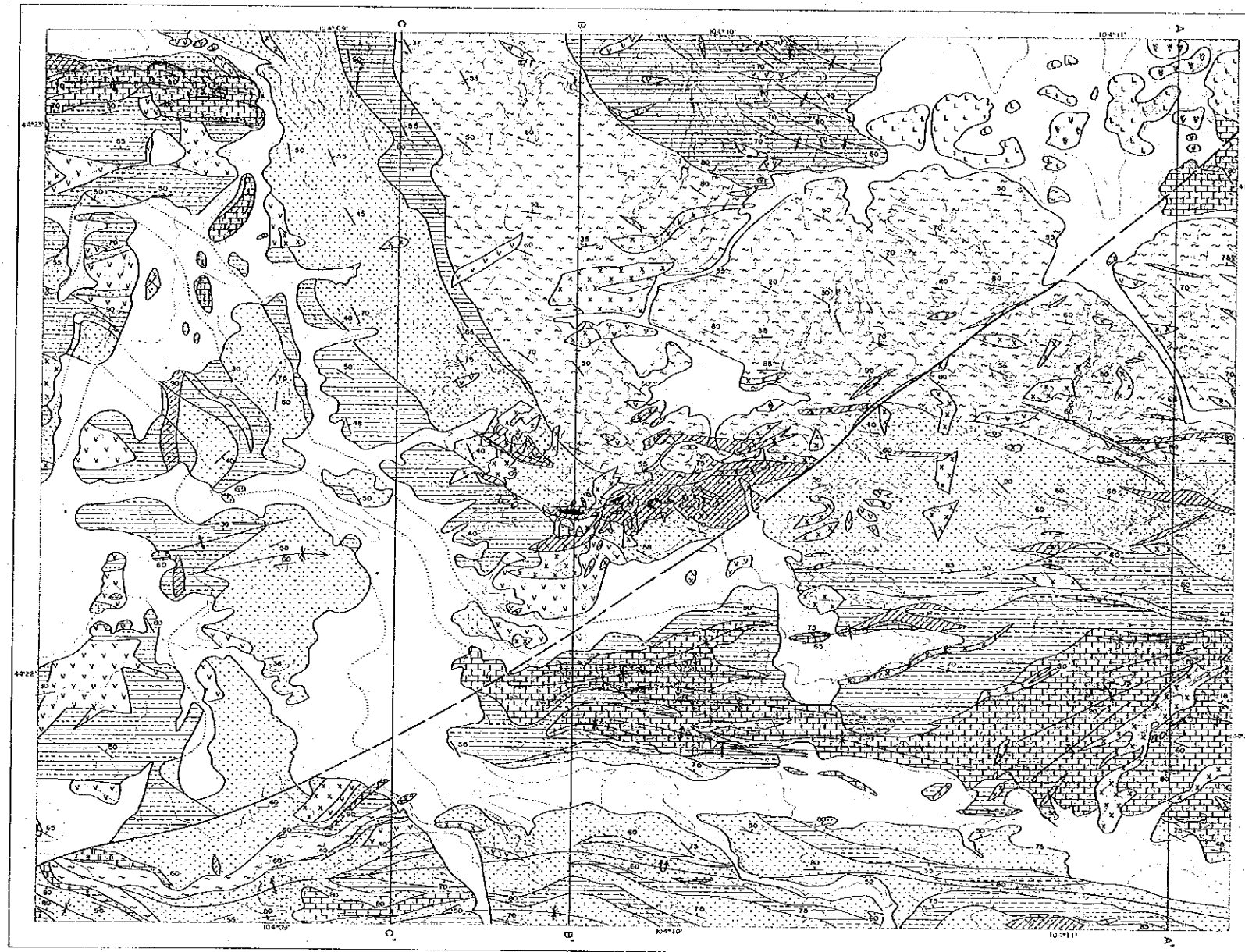
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JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
	J-Kv	▨▨▨▨	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨▨▨▨	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyryholite
Permian	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▽▽▽▽	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	▨▨▨▨	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▨▨▨▨	tuffaceous conglomerate, sandstone, siltstone
	D2f	▨▨▨▨	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	▨▨▨▨	limestone
	D1b	▨▨▨▨	sandstone, shale, siltstone
	D1a	▨▨▨▨	shale, siltstone, sandstone
Silurian-Devonian	S-Df	▨▨▨▨	limestone
	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▨▨▨▨	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	▨▨▨▨	sandstone, siltstone, clayey shale
	Rf	▨▨▨▨	recrystallized limestone
Riphean	R2	▨▨▨▨	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	▨▨▨▨	shale, amphibolite, quartzite, phyllite, gneiss
	e	▨▨▨▨	granodiorite porphyry
Intrusive Rocks	d	●	diorite, microdiorite, diorite porphyry
	Pg	++++	granite, granosyenite
	Pr	LLLL	rhyolite, quartz porphyry
	C-Pg	LLLL	granite, granodiorite, granosyenite, diorite
	D2g	XXXX	granite, granodiorite
	D2d	XXXX	diorite, gabbro
	D1r	rrrr	rhyolite, dacite

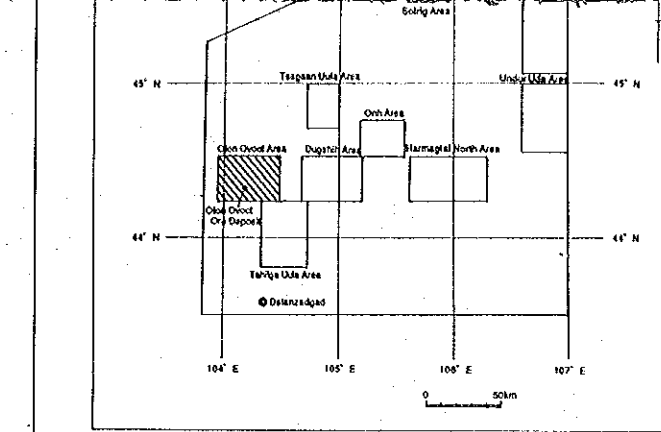
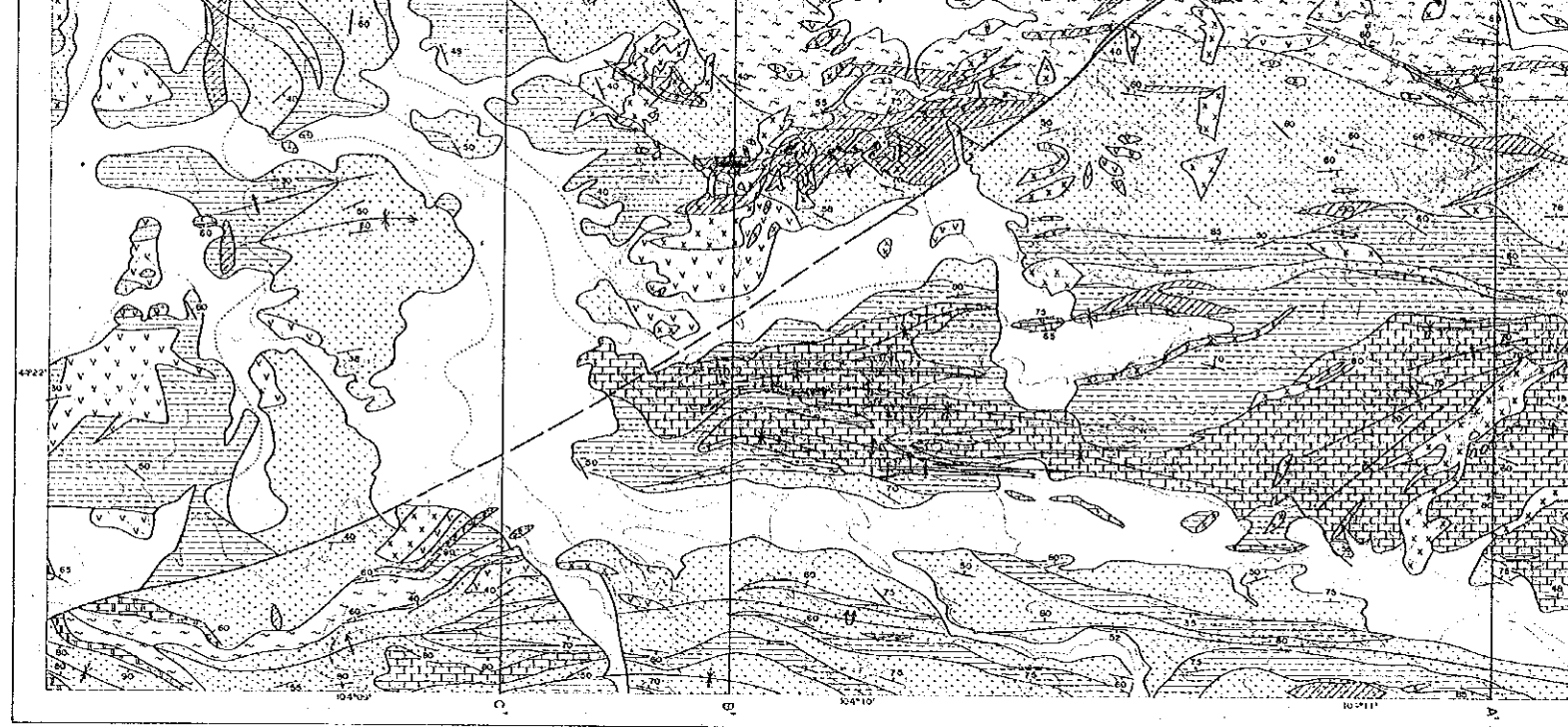
● ore showing

K	unit name and boundary
—	strike and dip direction
∩	anticline
∪	syncline
—	fault
- - -	inferred fault
▬	thrust fault

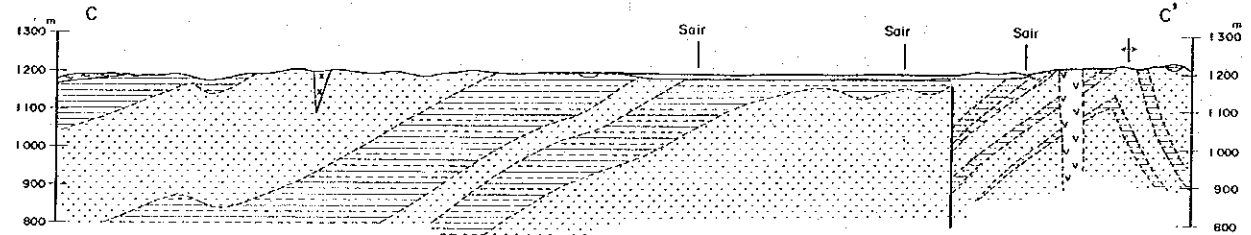
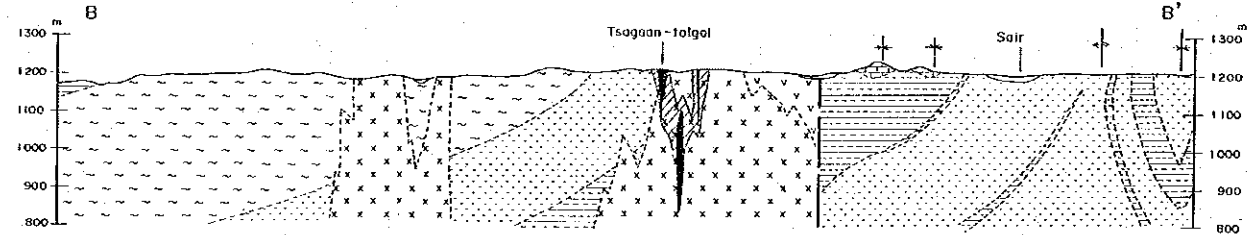
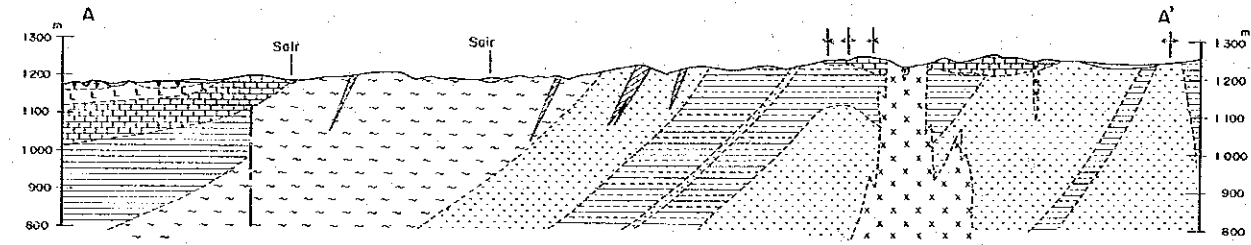
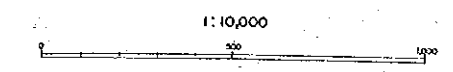


LEGEND

Quaternary	[Symbol]	Alluvium	
Mesozoic	Jurassic	[Symbol]	basalt
		[Symbol]	biotite dacite "trachyte"
Paleozoic	Devonian	[Symbol]	limestone (fossils of Crinoids rich)
		[Symbol]	pelitic schist
		[Symbol]	green schist
	Silurian	[Symbol]	siltstone, alternation of sandstone and shale, partly calcareous
		[Symbol]	sandstone
	[Symbol]	limestone	
	[Symbol]	trachyte	

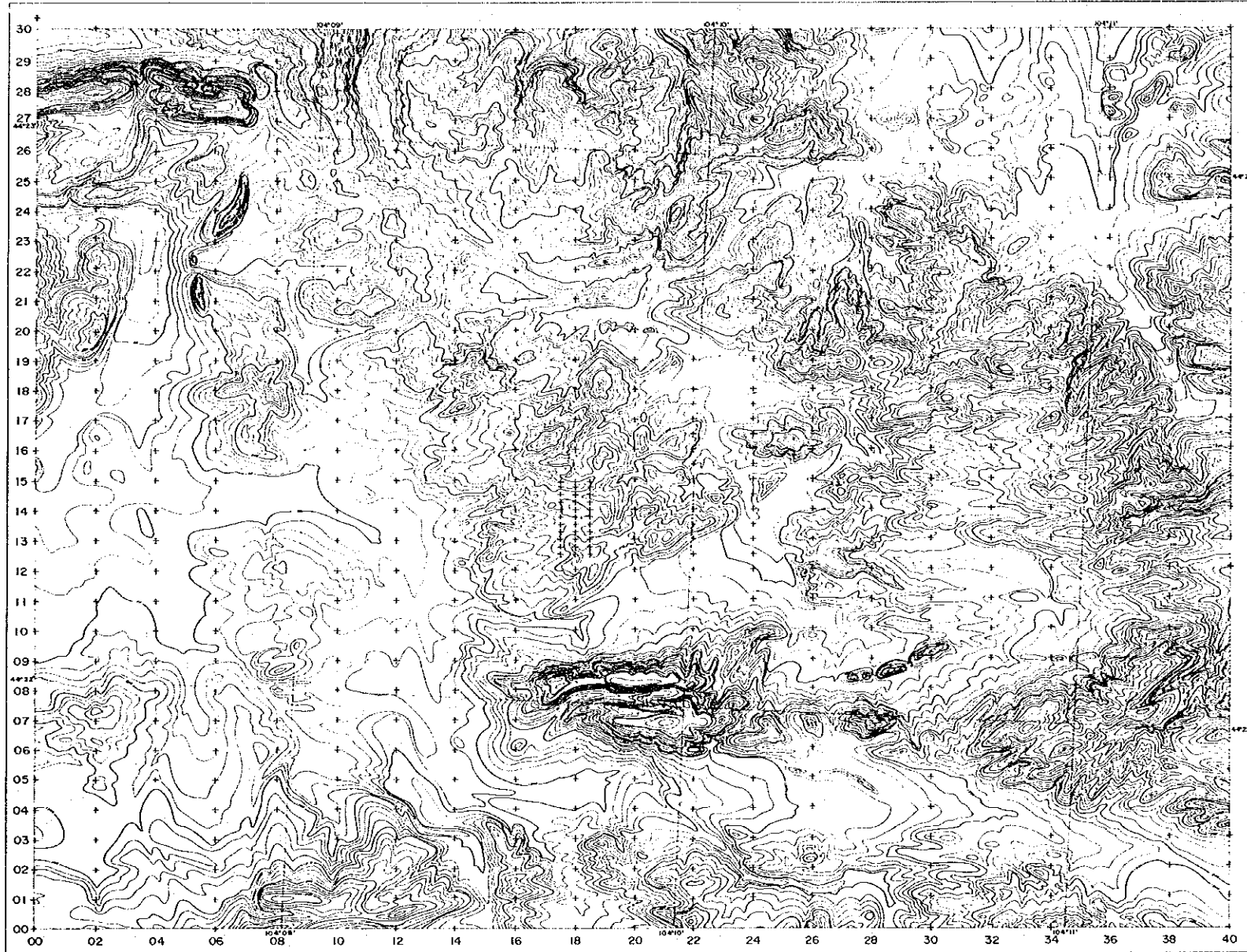


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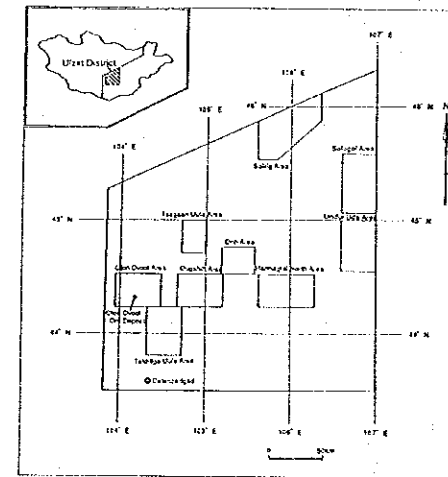
Quaternary	[Symbol]	Alluvium
Mesozoic	[Symbol]	basalt
	[Symbol]	biotite dacite "trachyte"
Paleozoic	[Symbol]	Devonian limestone (fossils of Crinoids rich)
	[Symbol]	pelitic schist
	[Symbol]	green schist
	[Symbol]	Silurian siltstone, alternation of sandstone and shale, partly calcareous
	[Symbol]	sandstone
	[Symbol]	limestone
Intrusive rocks	[Symbol]	trachyte
	[Symbol]	basalt, dolerite
	[Symbol]	basaltic andesite, andesite
	[Symbol]	diorite (micro-fine grained)
Mineralization	[Symbol]	quartz vein
	[Symbol]	alteration zone
Marks	[Symbol]	geologic boundary
	[Symbol]	inferred geologic boundary
	[Symbol]	dip and strike of bed
	[Symbol]	dip and strike of schistosity
	[Symbol]	fault
	[Symbol]	inferred fault
	[Symbol]	syncline
	[Symbol]	anticline



PL. II-3-1

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Station Location Map



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JANUARY 1993

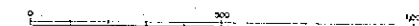
Prepared by MINDECO

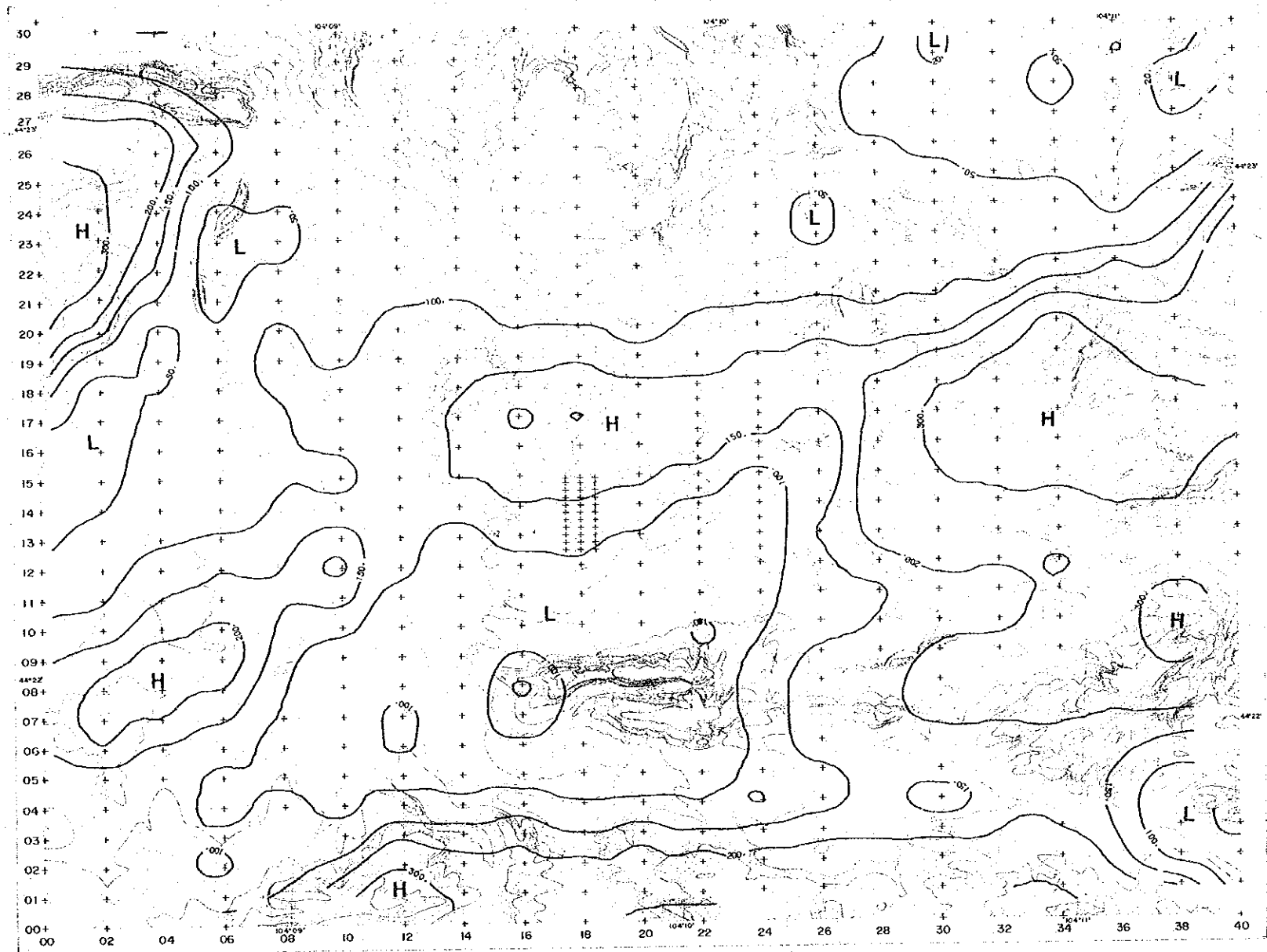
LEGEND

- Survey Line
- Resistivity Contour (Ω·m)
- 28
- 50
- 100
- 150
- 200
- 300
- 500

H High Resistivity Zone
L Low Resistivity Zone

1:10,000

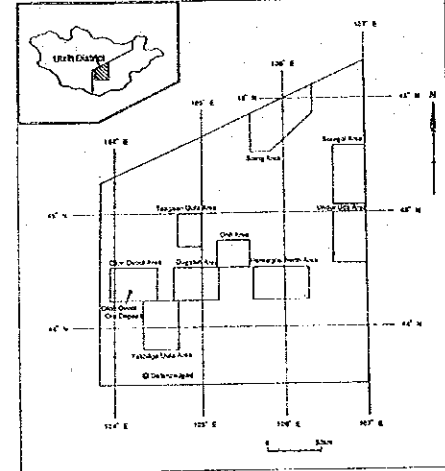




PL. II-3-2

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Apparent Resistivity Pseudo-Map
($t=0.108\text{msec}$)

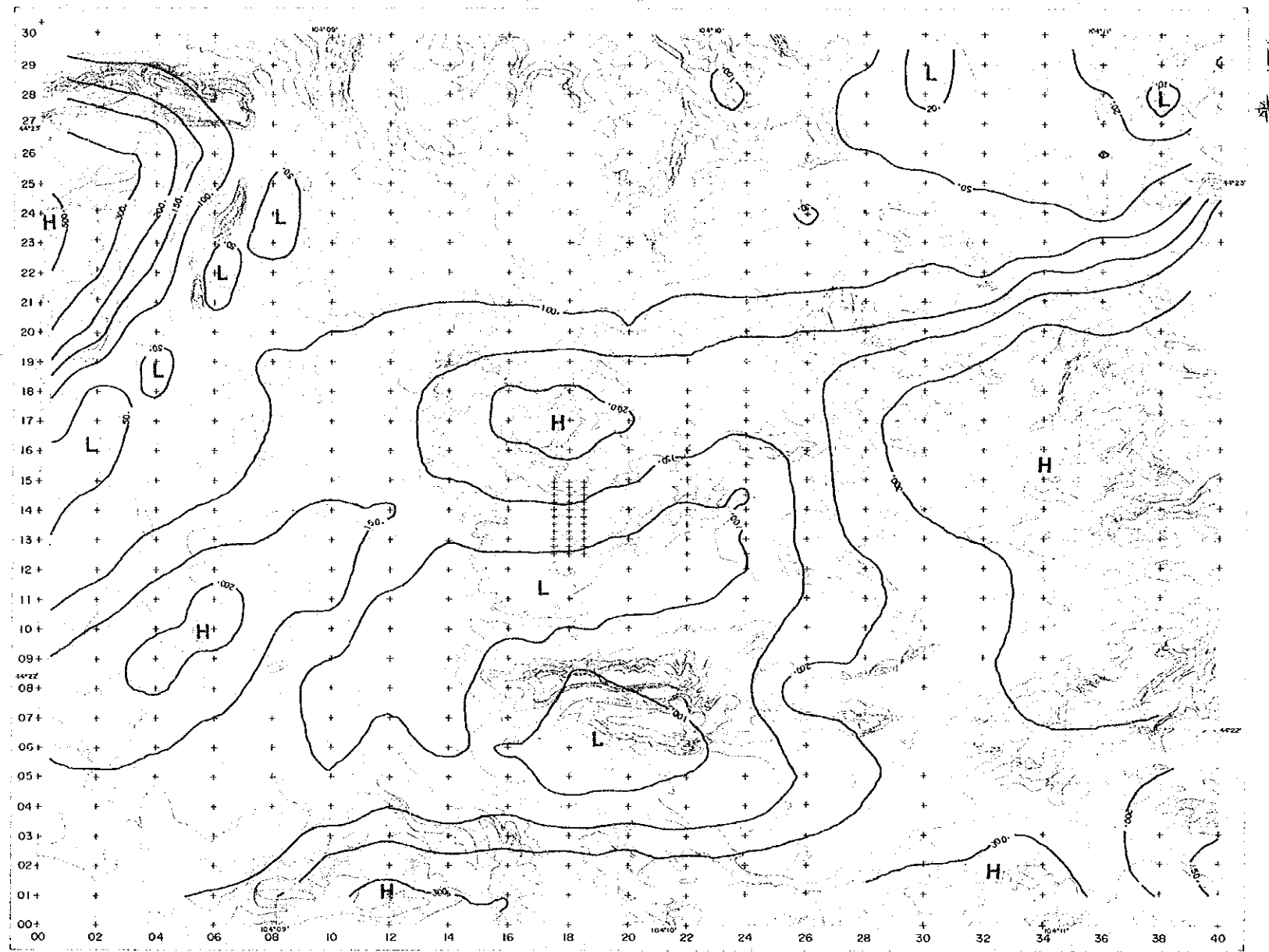


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JANUARY 1993

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LEGEND

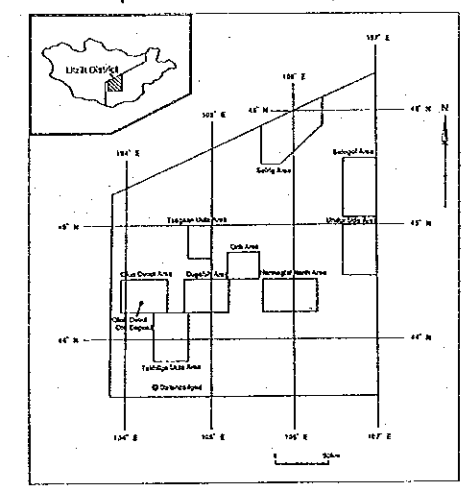
- Survey Line
- Resistivity Contour (Ω·m)
- 20
- 50
- 100
- 150
- 200
- 300
- 500
- H High Resistivity Zone
- L Low Resistivity Zone
- 1:10,000



PL. II-3-3

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Apparent Resistivity Pseudo-Map
($t=0.278\text{msec}$)

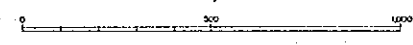


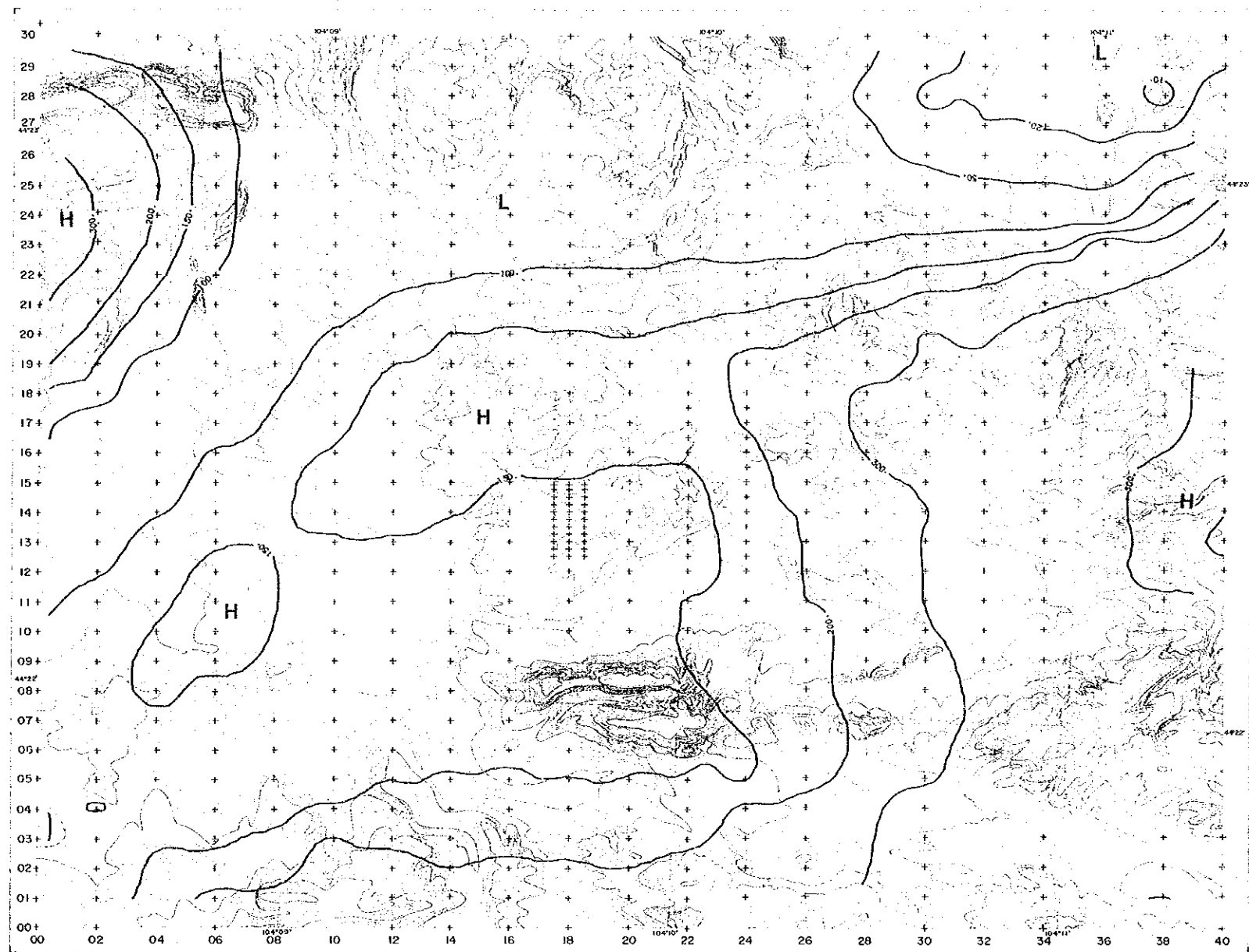
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 1993

Prepared by MINDECO

LEGEND

- ++ Survey Line
- 100
— 150
— 200
— 300
— 500
Resistivity Contour
($\Omega \cdot m$)
- H High Resistivity Zone
- L Low Resistivity Zone
- 1:10,000

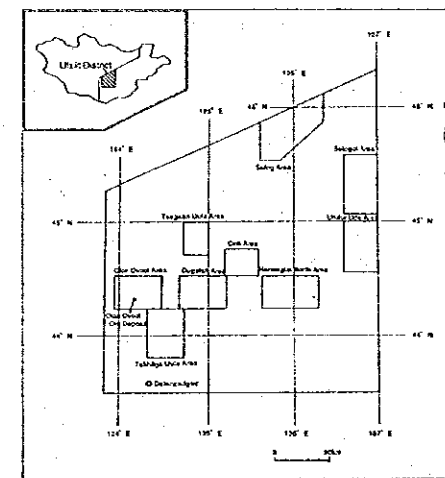




PL. II-3-4

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Apparent Resistivity Pseudo-Map
($t=1.06$ msec)

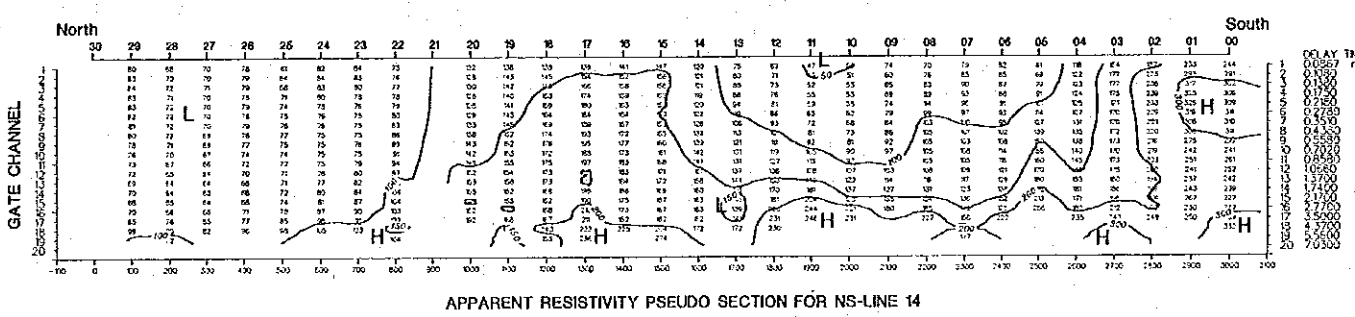
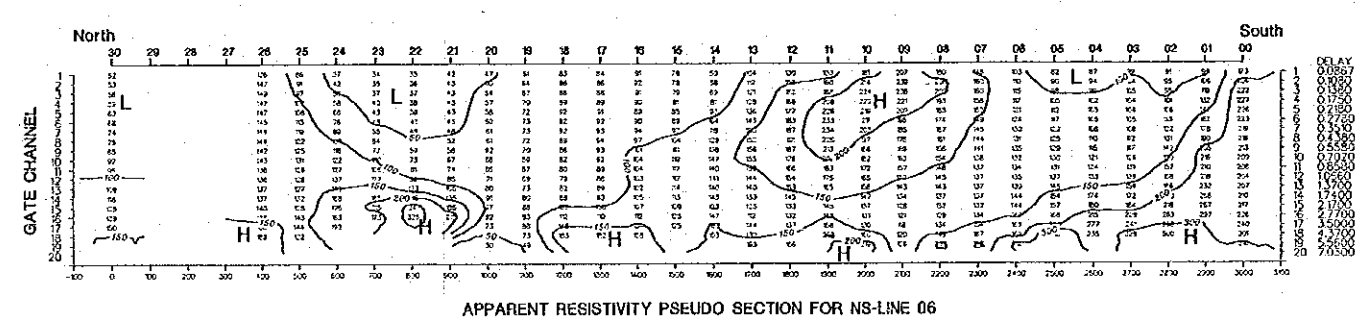
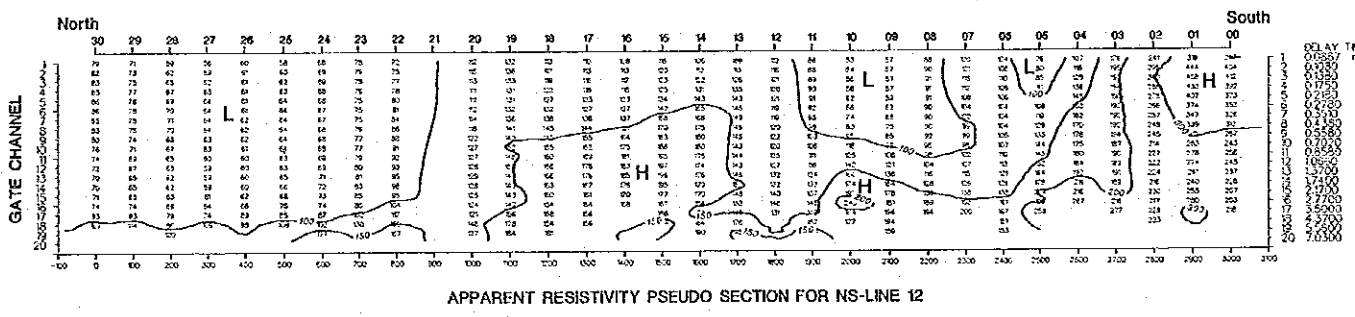
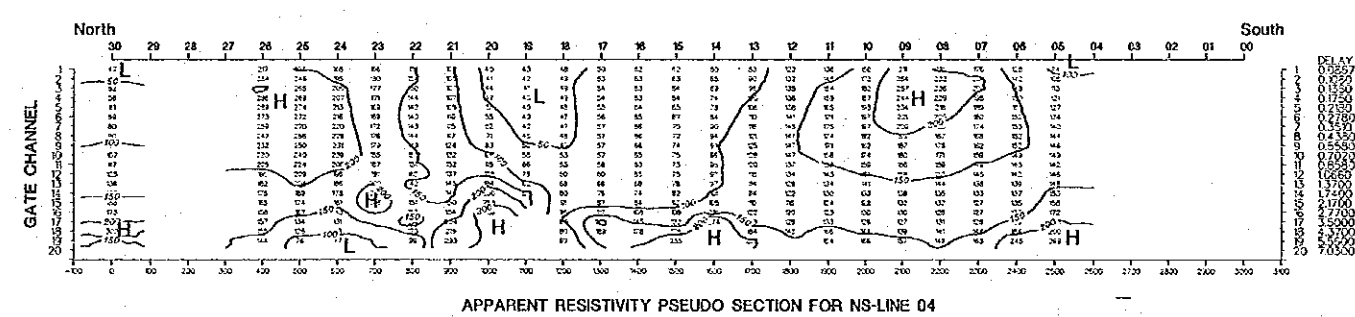
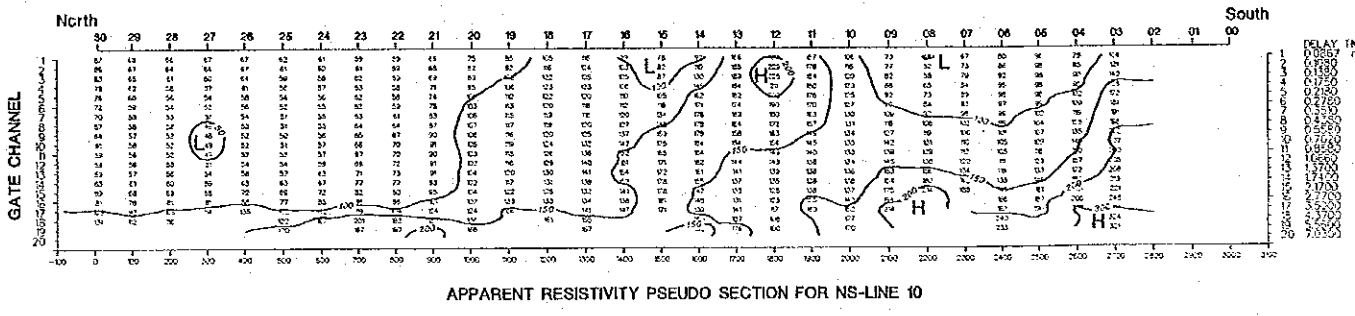
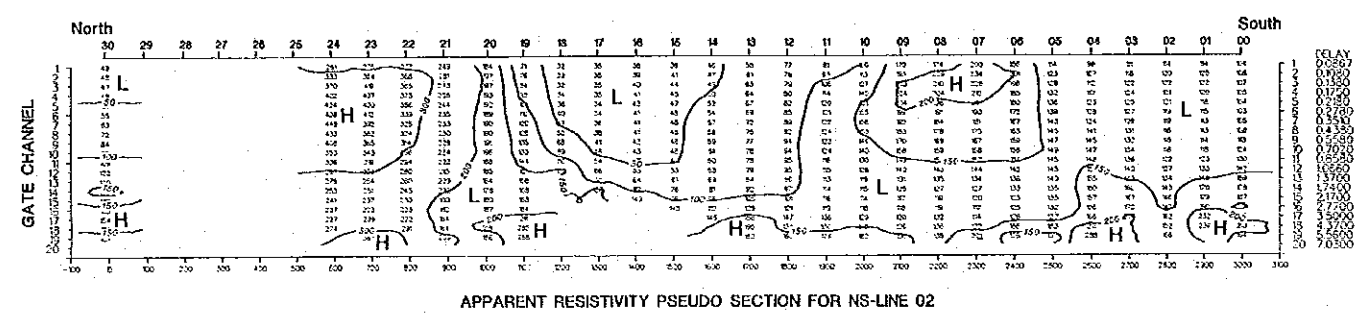
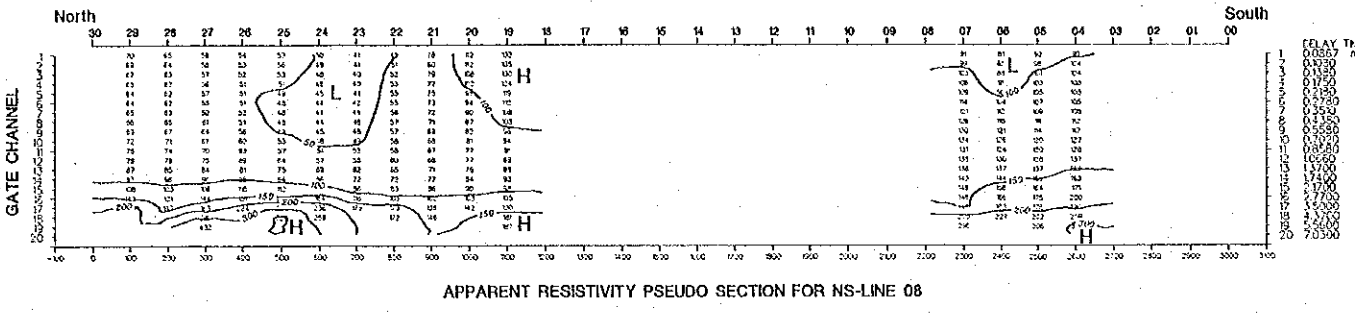
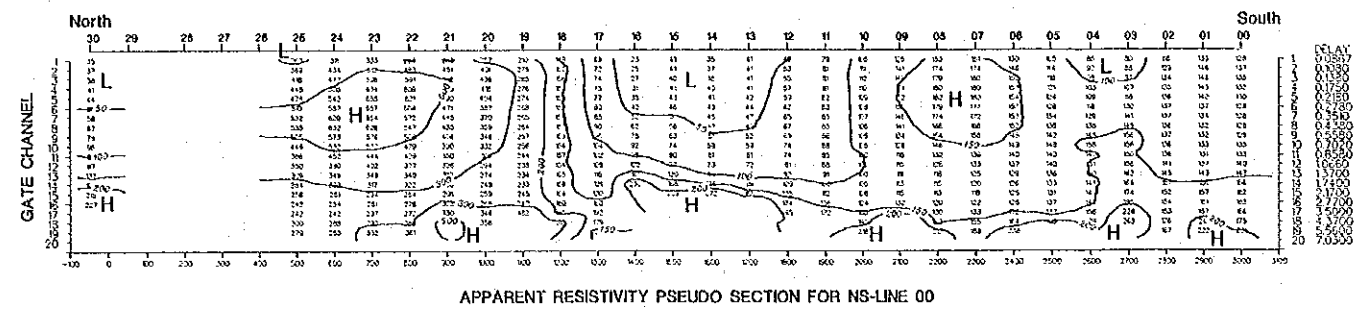


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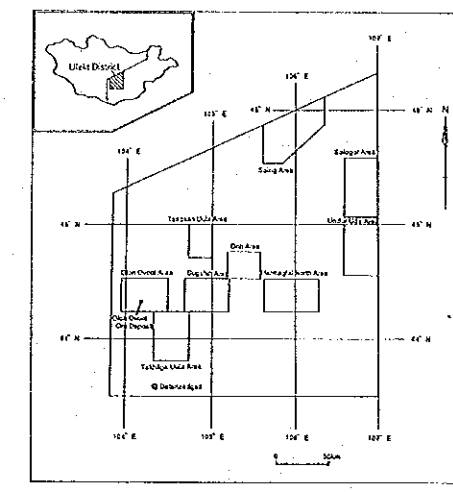
LEGEND

- +++ Survey Line
 - 20
 - 50
 - 100
 - 150
 - 200
 - 300
 - 500
 Resistivity Contour
($\Omega \cdot m$)
 - H High Resistivity Zone
 - L Low Resistivity Zone
- 1:10,000
-



COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

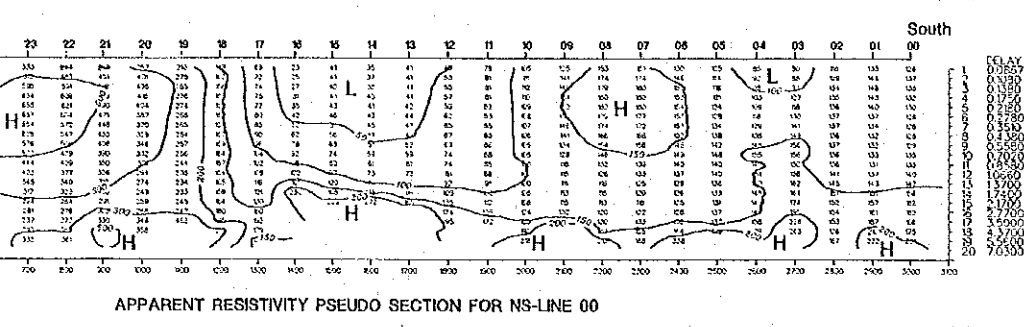
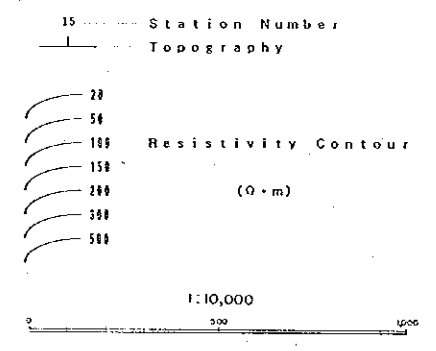
Apparent Resistivity Pseudo-Sections
for NS Lines 00 to 14



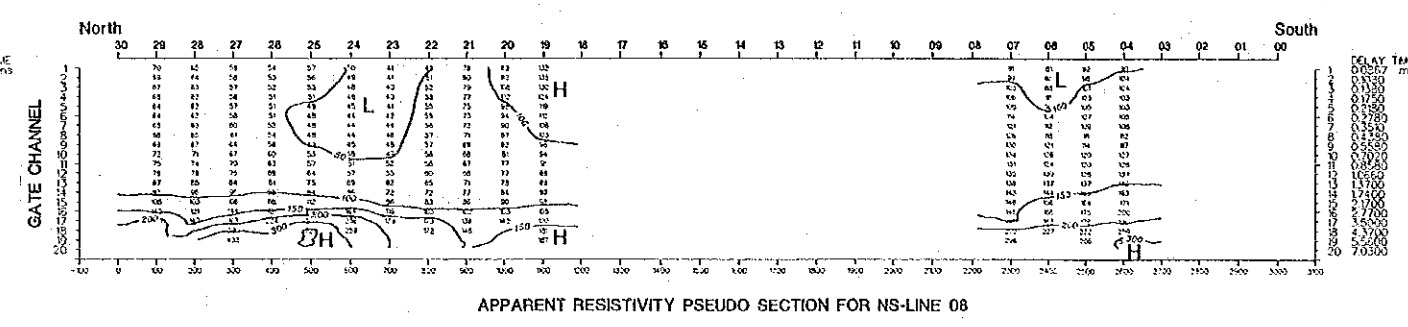
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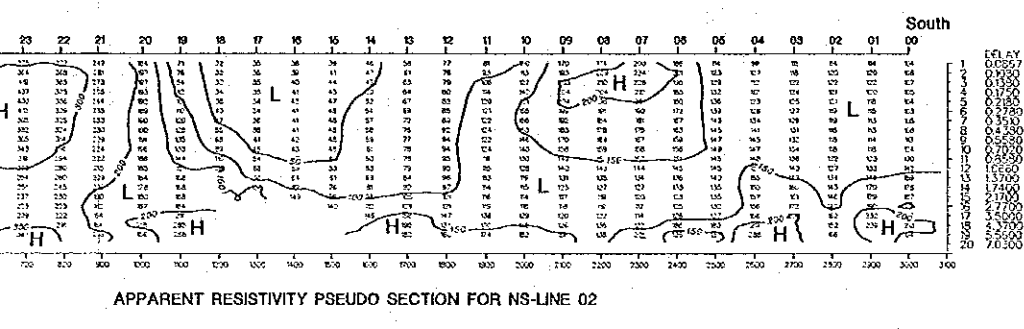
LEGEND



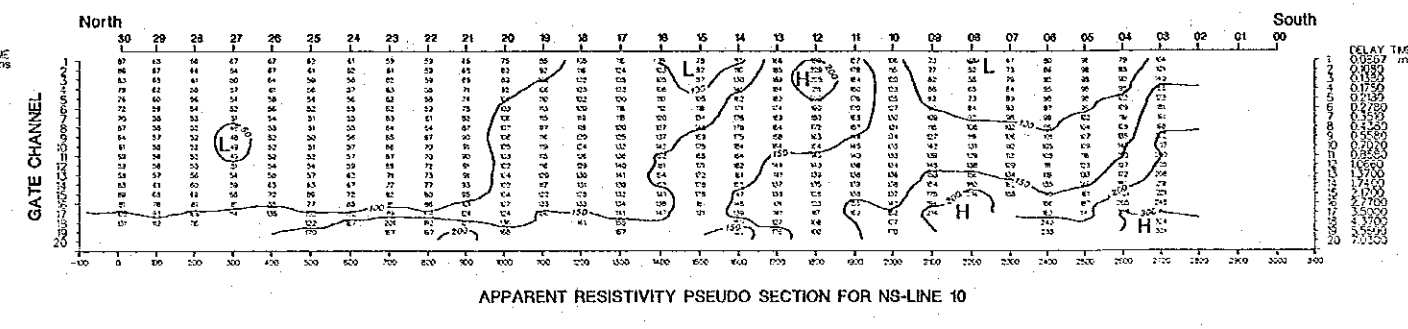
APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 00



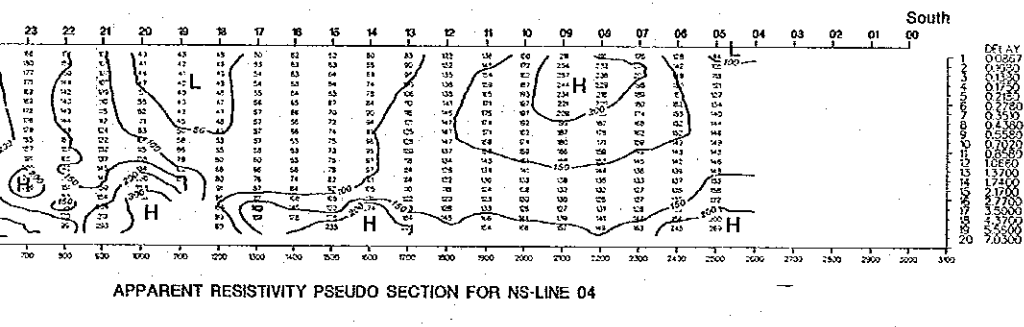
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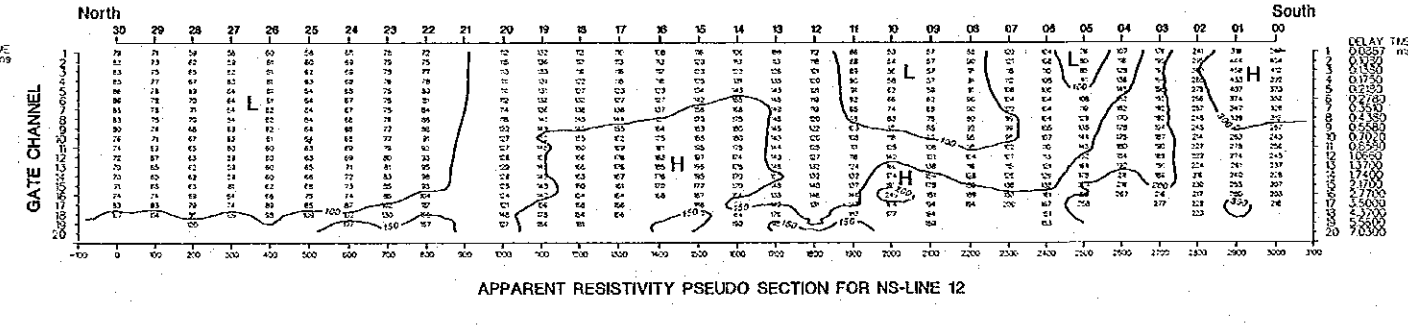
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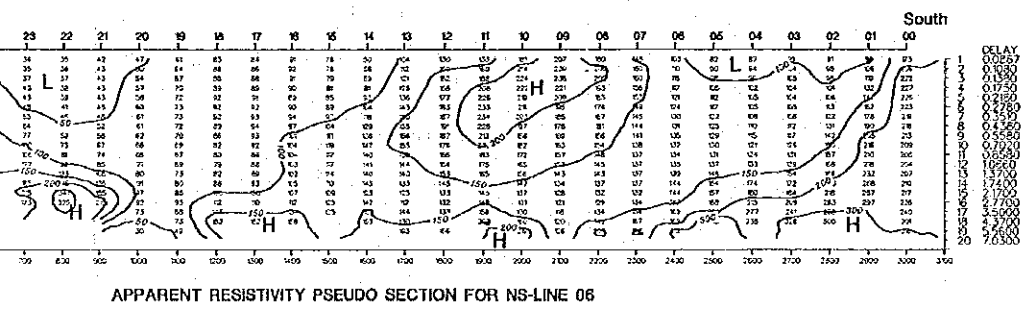
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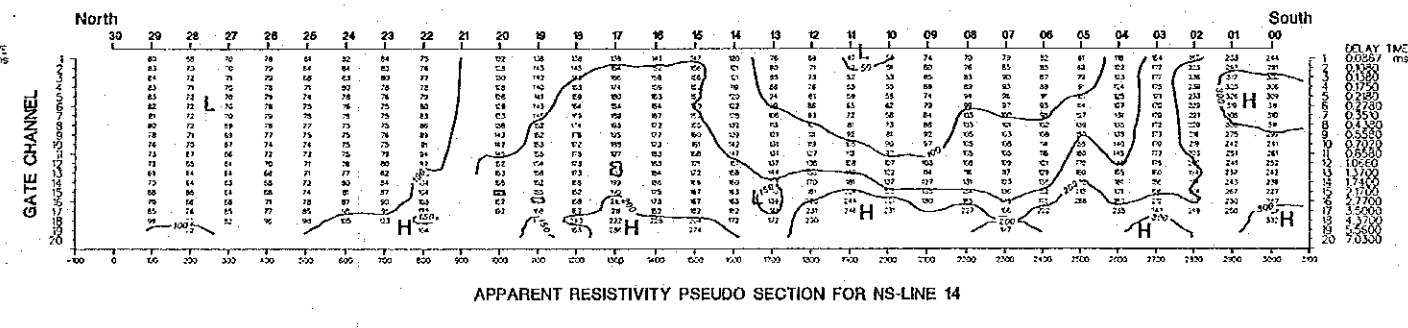
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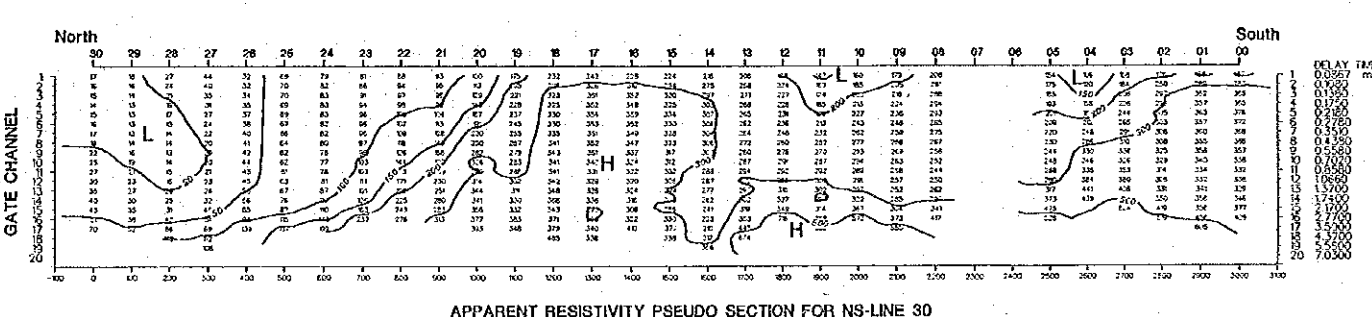
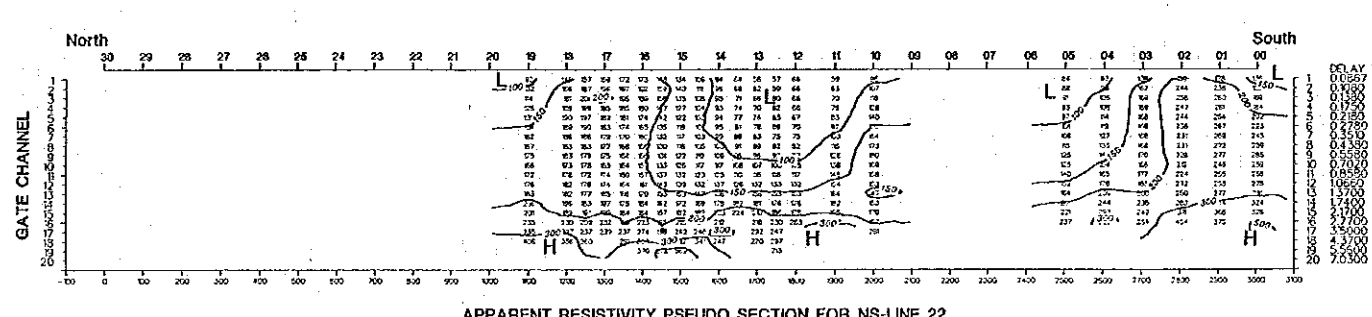
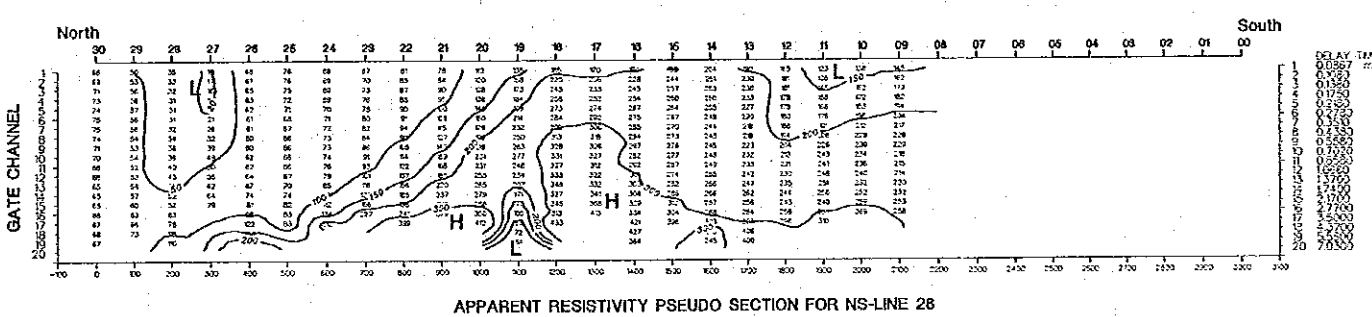
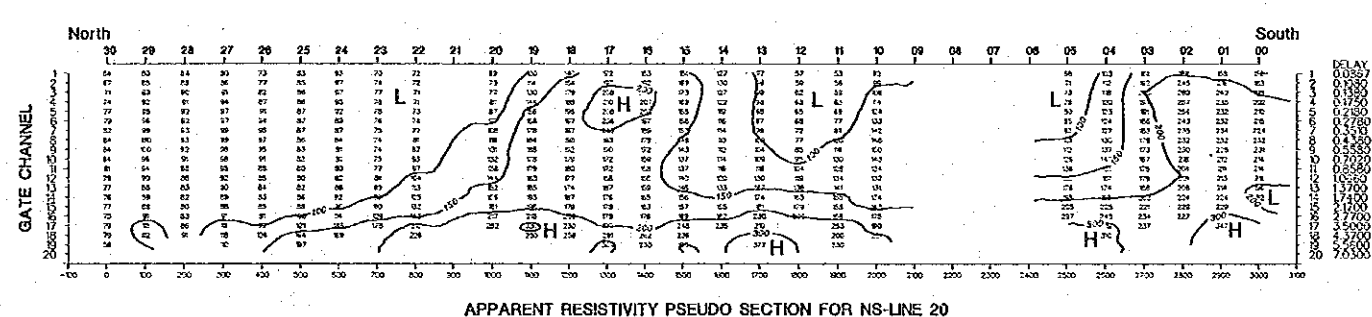
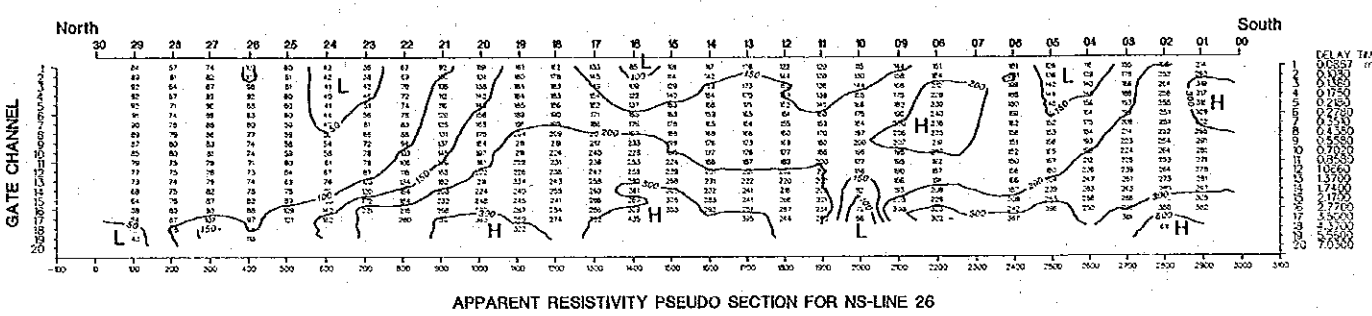
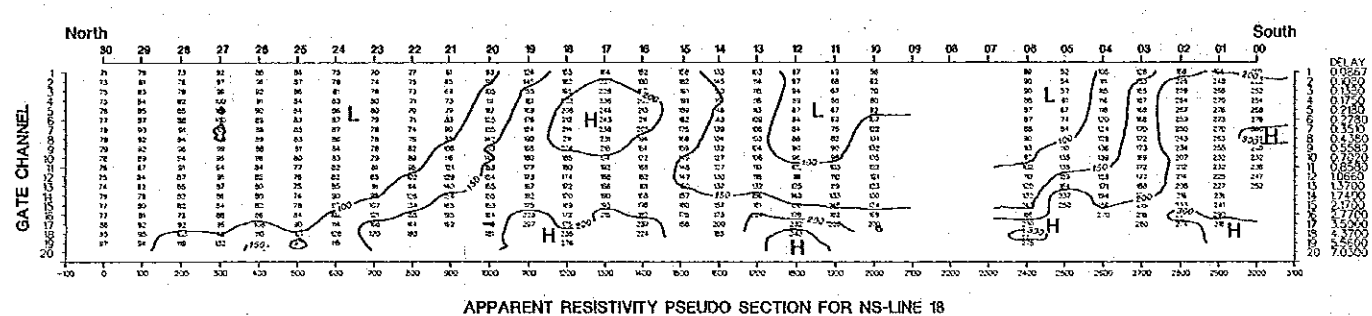
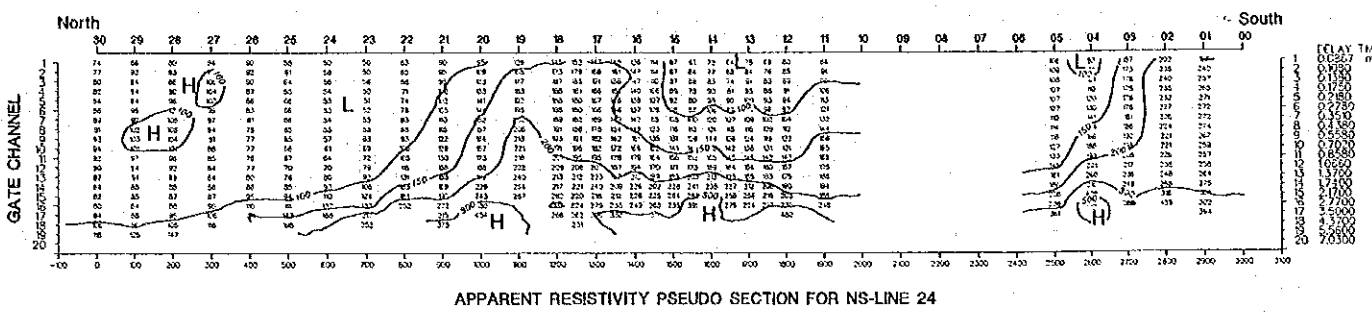
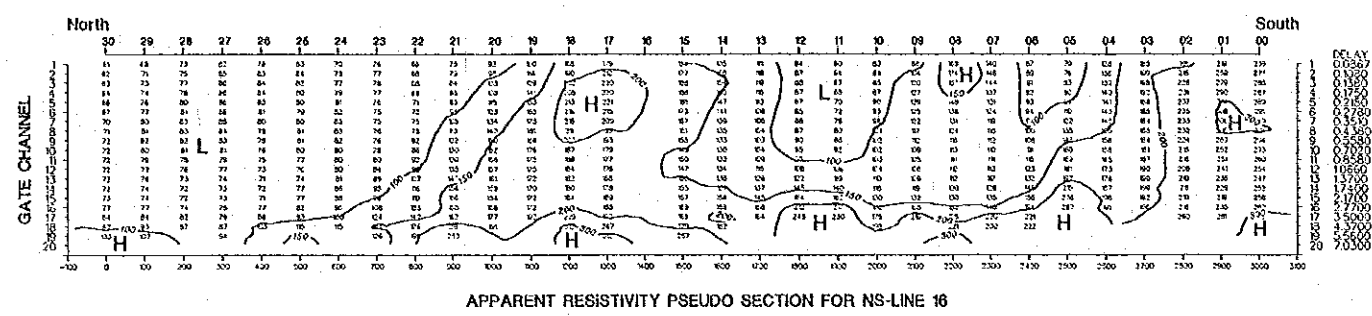
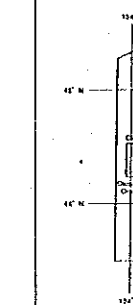
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APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 06

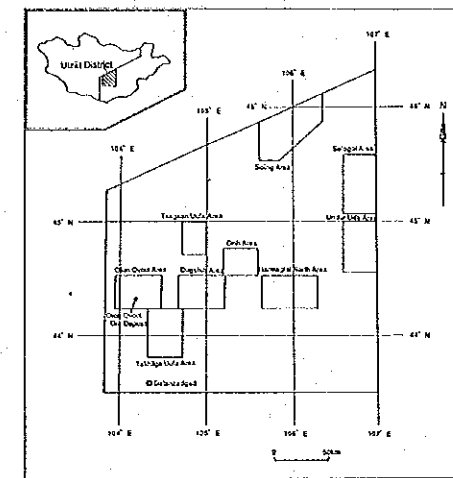


APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 14



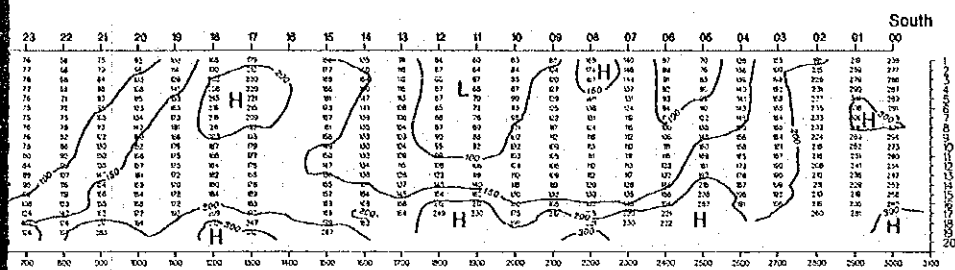
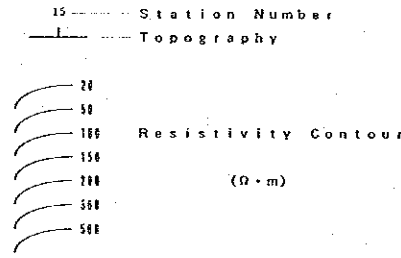
COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Apparent Resistivity Pseudo-Sections
for NS Lines 16 to 30

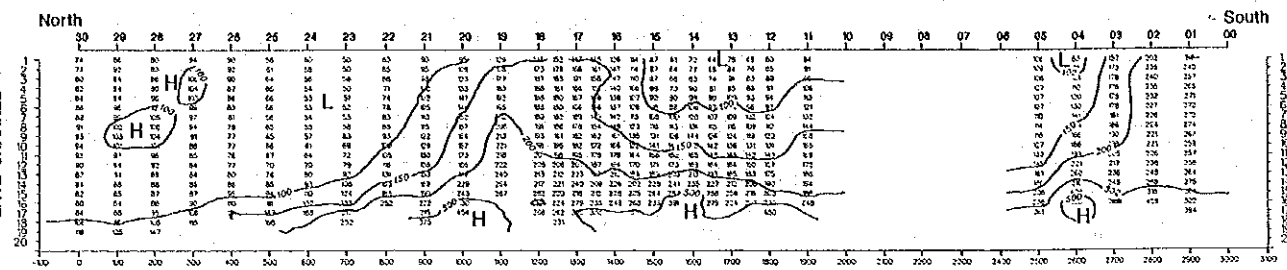


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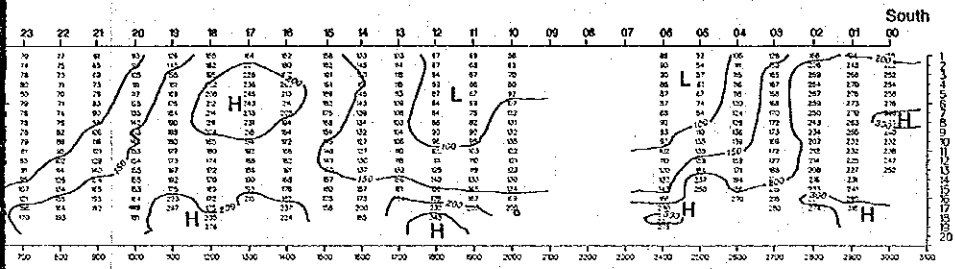
LEGEND



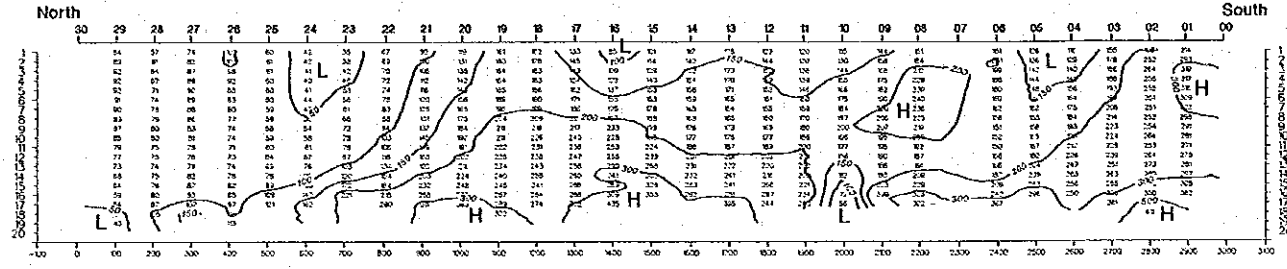
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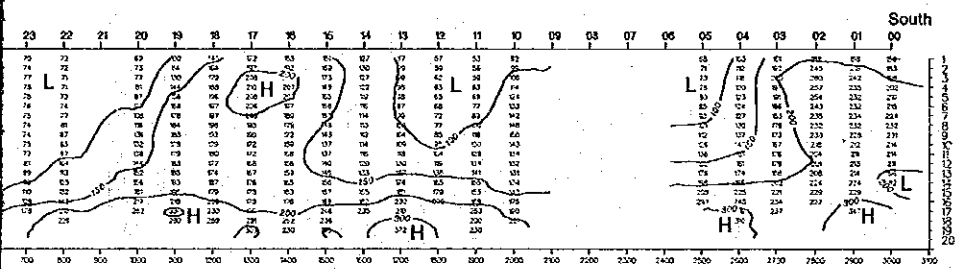
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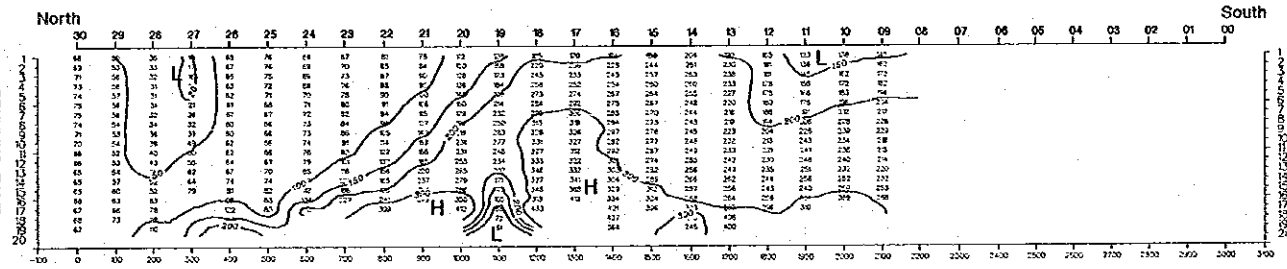
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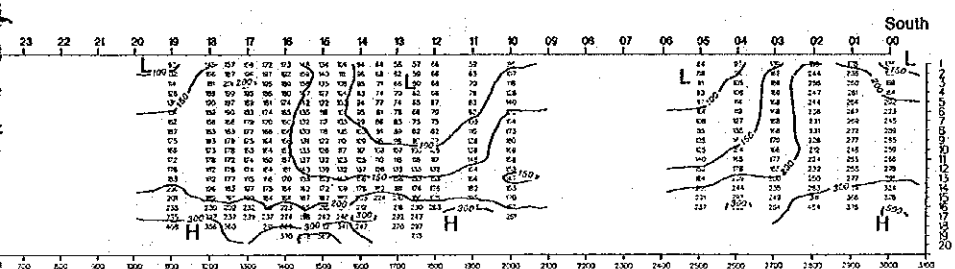
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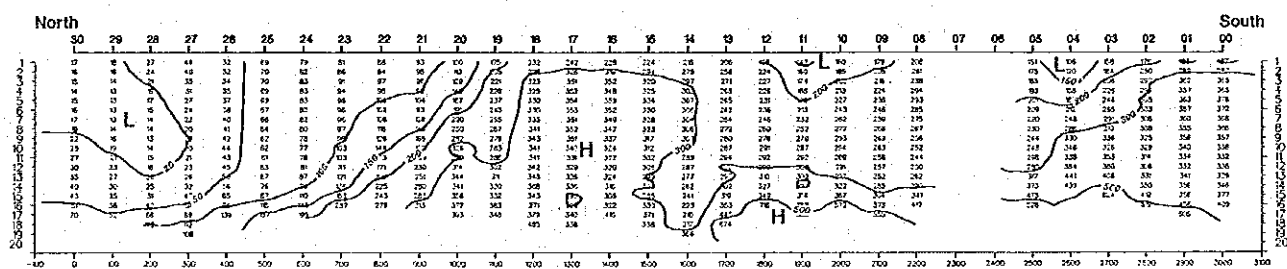
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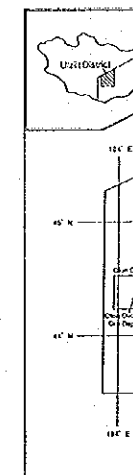
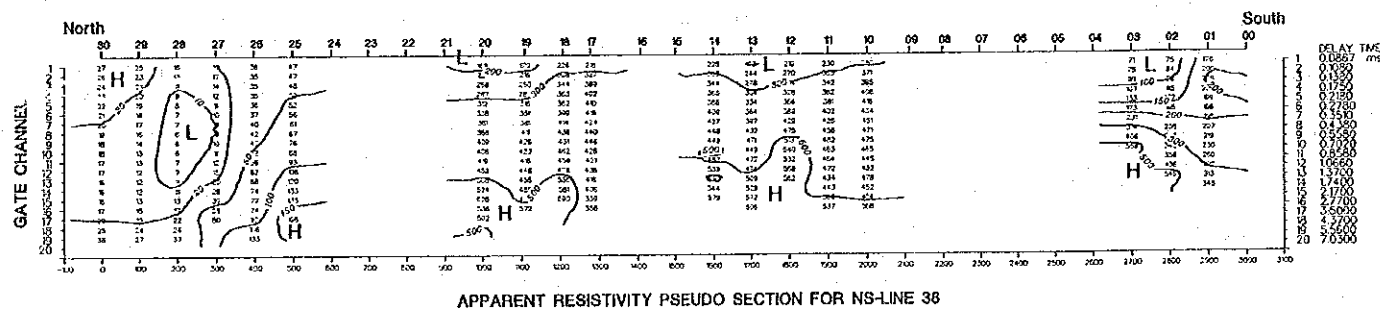
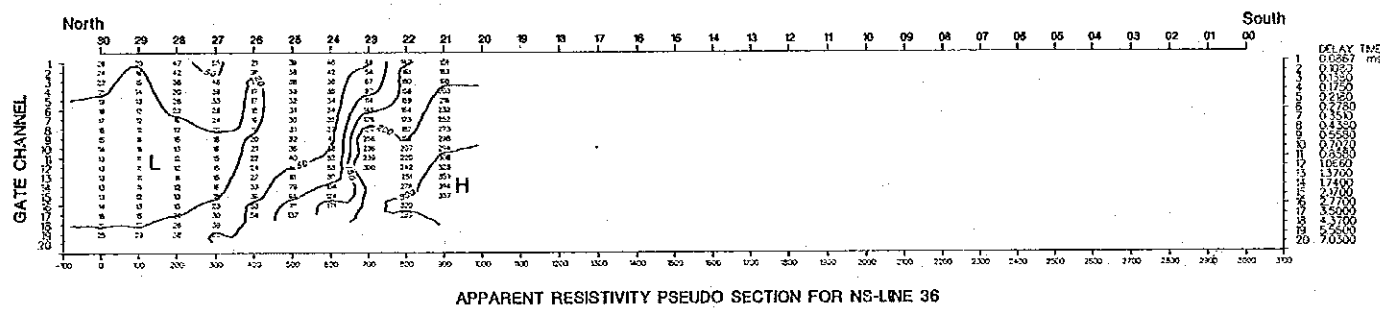
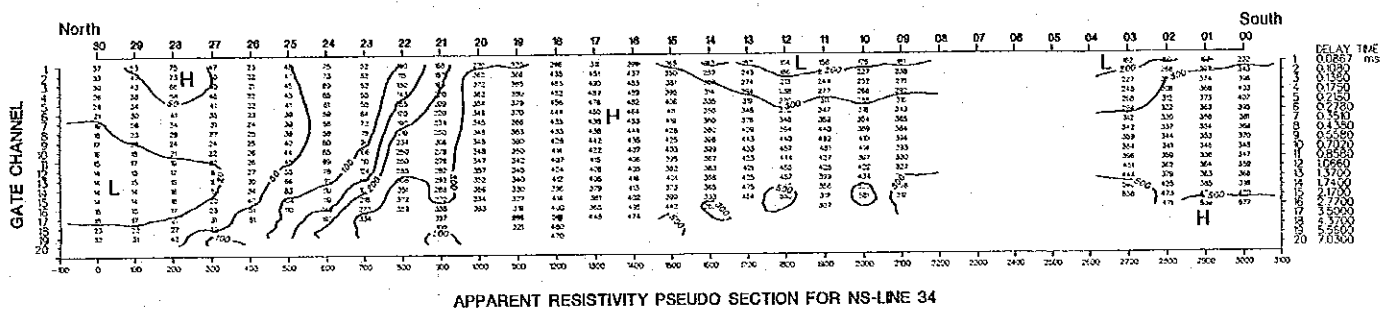
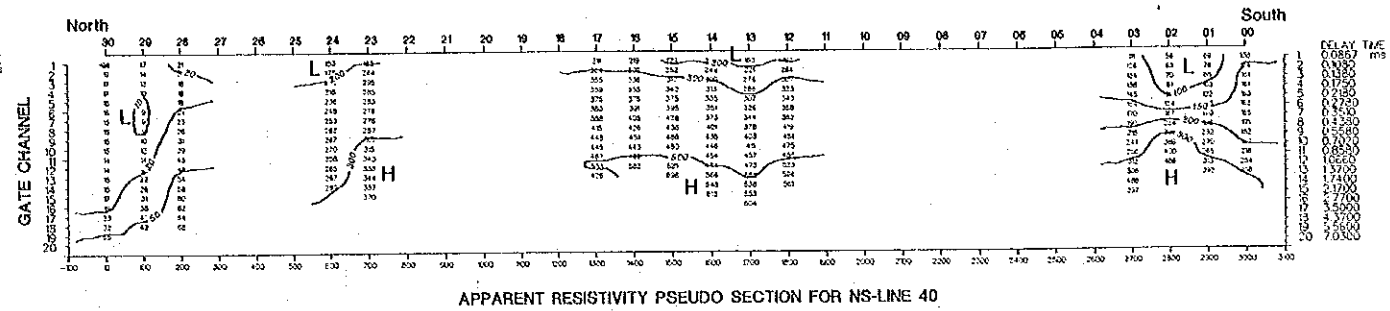
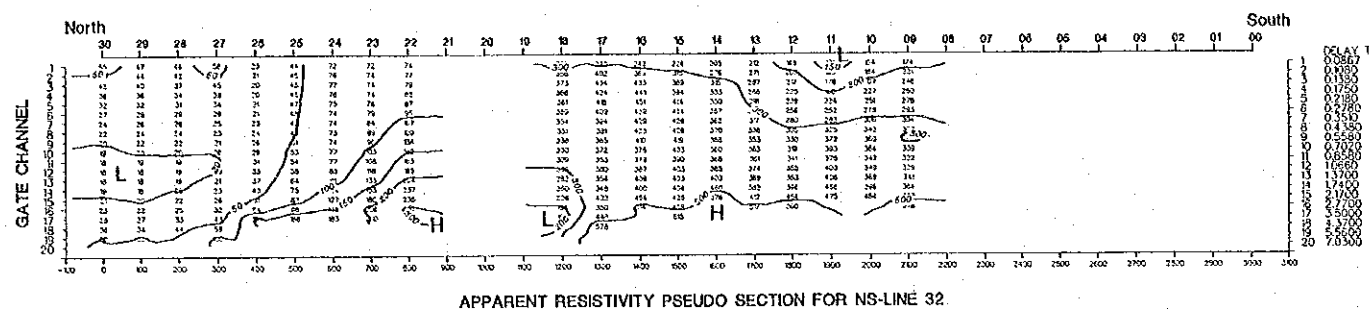
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APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 22

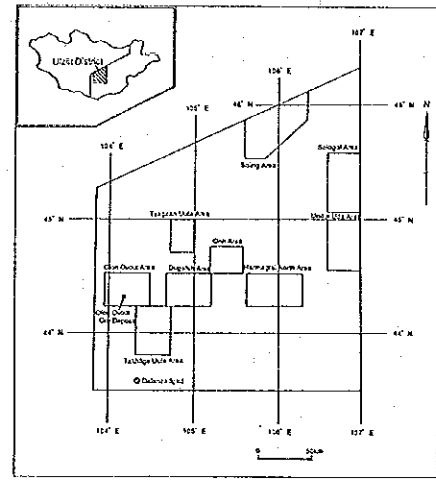


APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 30



COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAMTAL AREA, MONGOLIA (PHASE II)

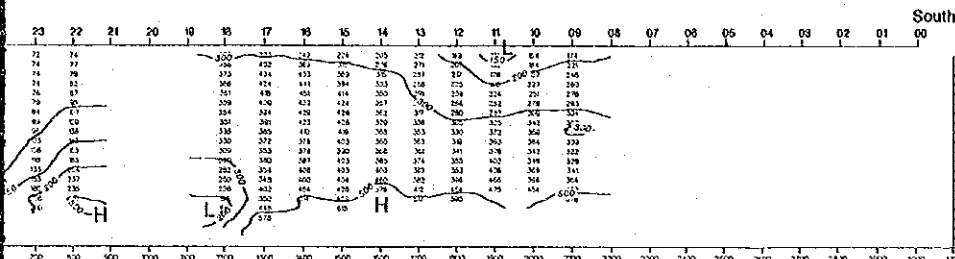
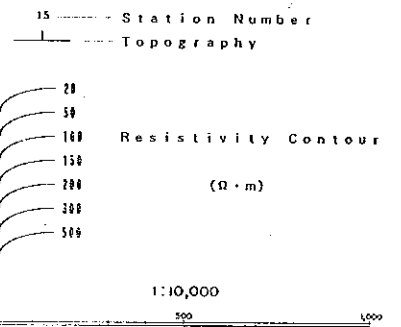
Apparent Resistivity Pseudo-Sections
for NS Lines 32 to 40



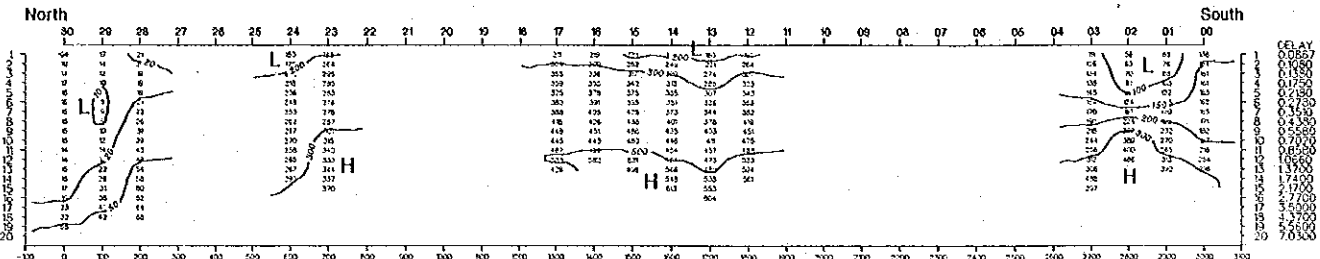
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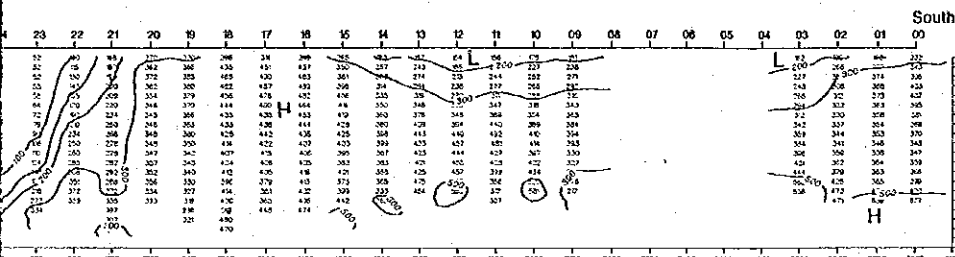
LEGEND



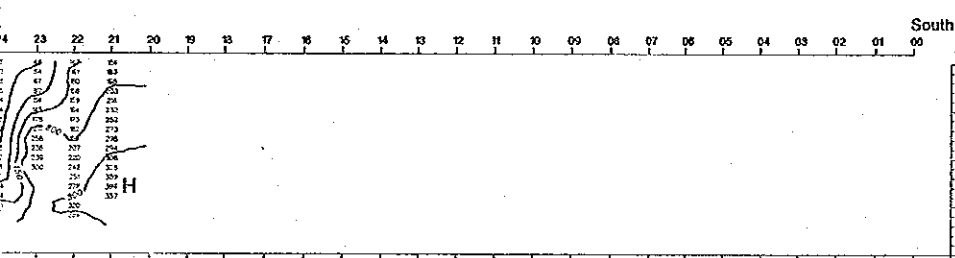
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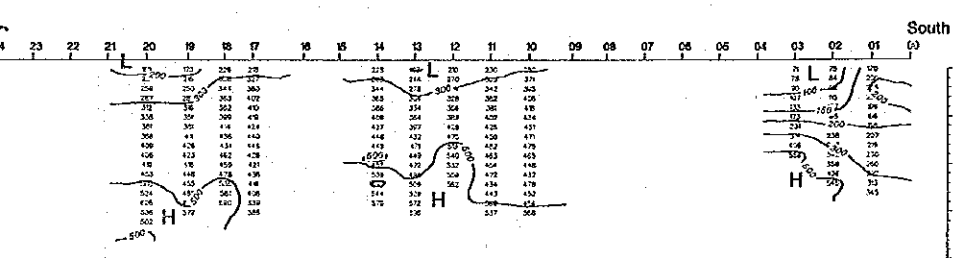
APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 40



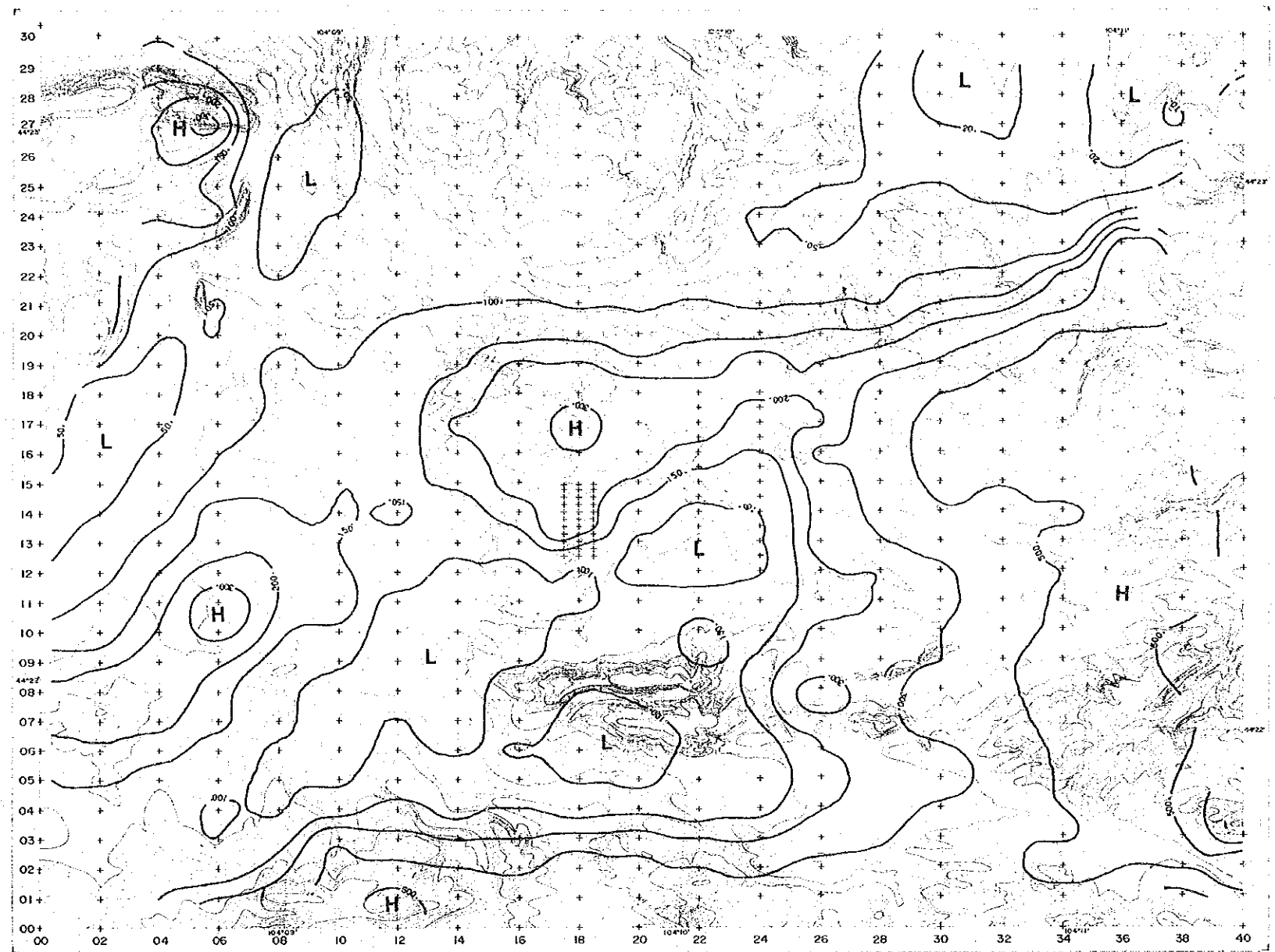
APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 34



APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 36



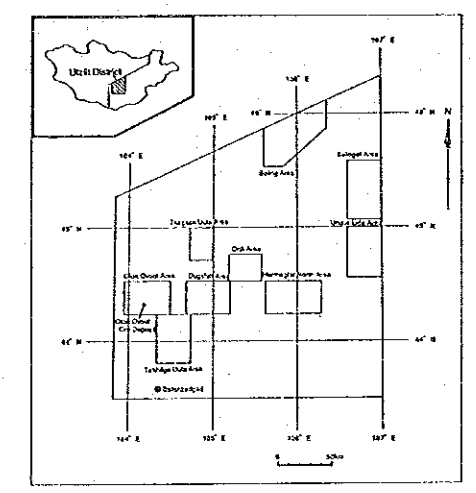
APPARENT RESISTIVITY PSEUDO SECTION FOR NS-LINE 38



PL. II-3-8

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Resistivity Image at the 1,150m Level

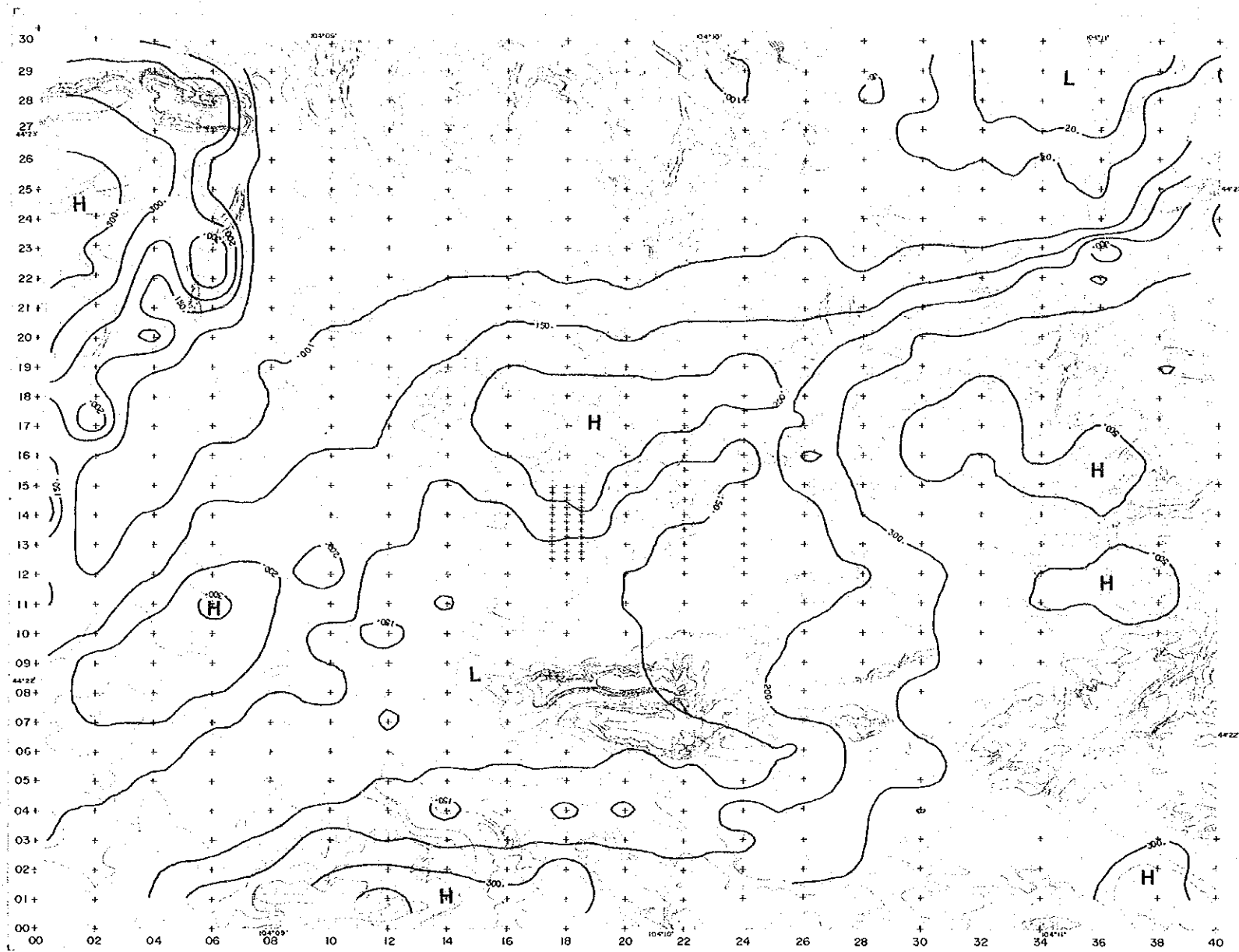


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JANUARY 1993

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LEGEND

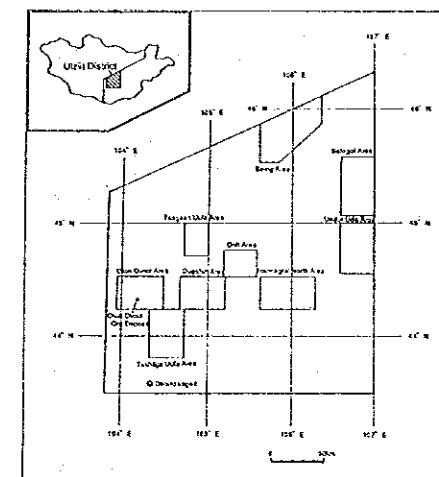
- +++ Survey Line
 - Resistivity Contour (Ω·m)
 - 10
 - 50
 - 100
 - 150
 - 200
 - 300
 - 500
 - H High Resistivity Zone
 - L Low Resistivity Zone
- 1:10,000
-



PL. II -3-9

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Resistivity Image at the 1,100m Level



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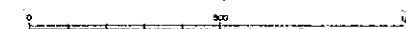
Prepared by MINDECO

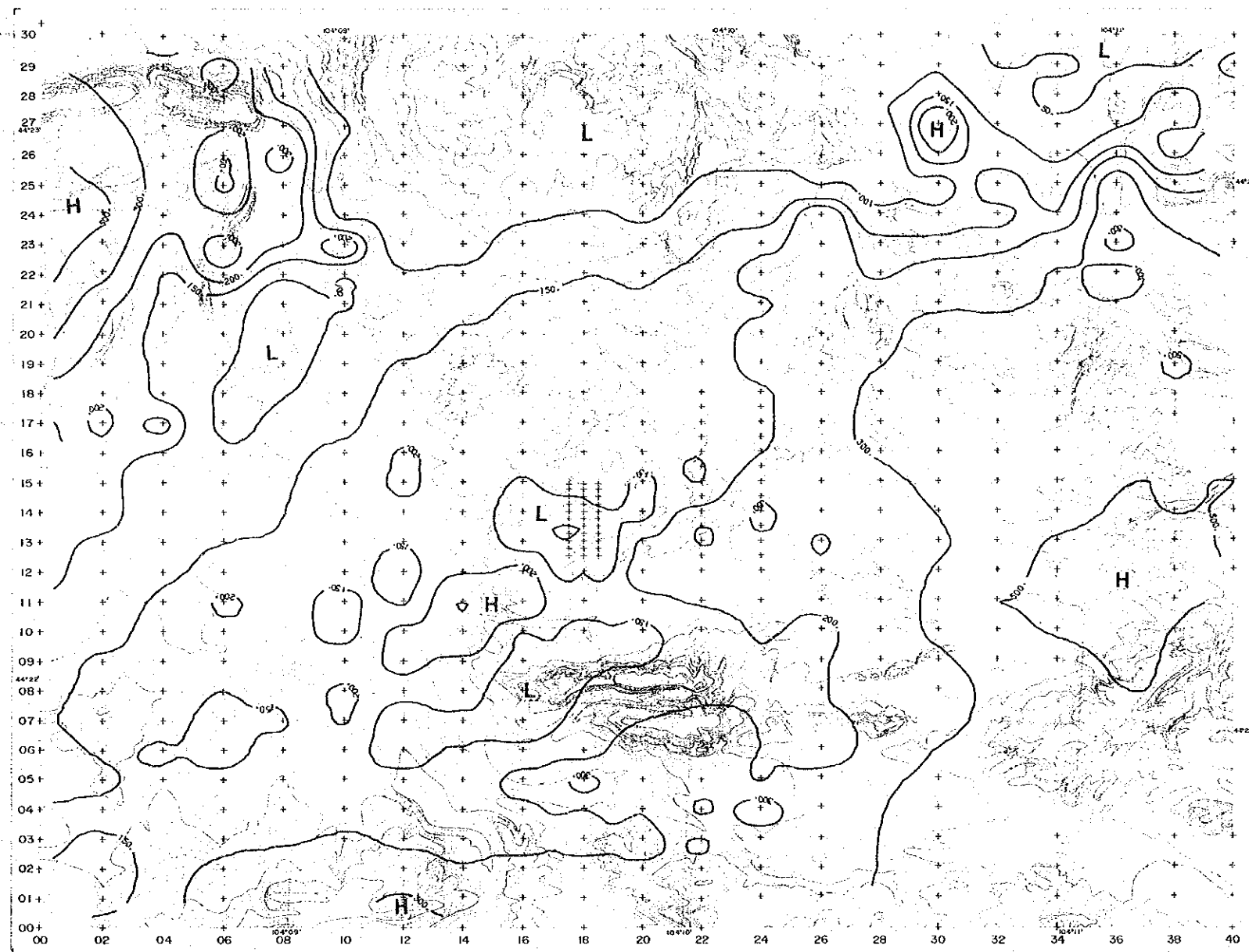
LEGEND

- + + + Survey Line
- 20
- 50
- 100
- 150
- 200
- 300
- 500
- Resistivity Contour (Ω·m)

- H High Resistivity Zone
- L Low Resistivity Zone

1:10,000

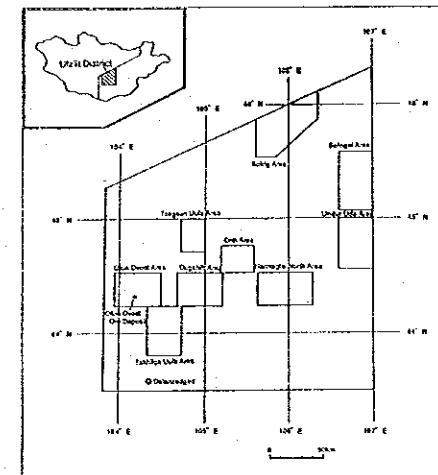




PL. II-3-10

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Resistivity Image at the 1,050m Level



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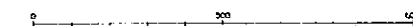
Prepared by MINDECO

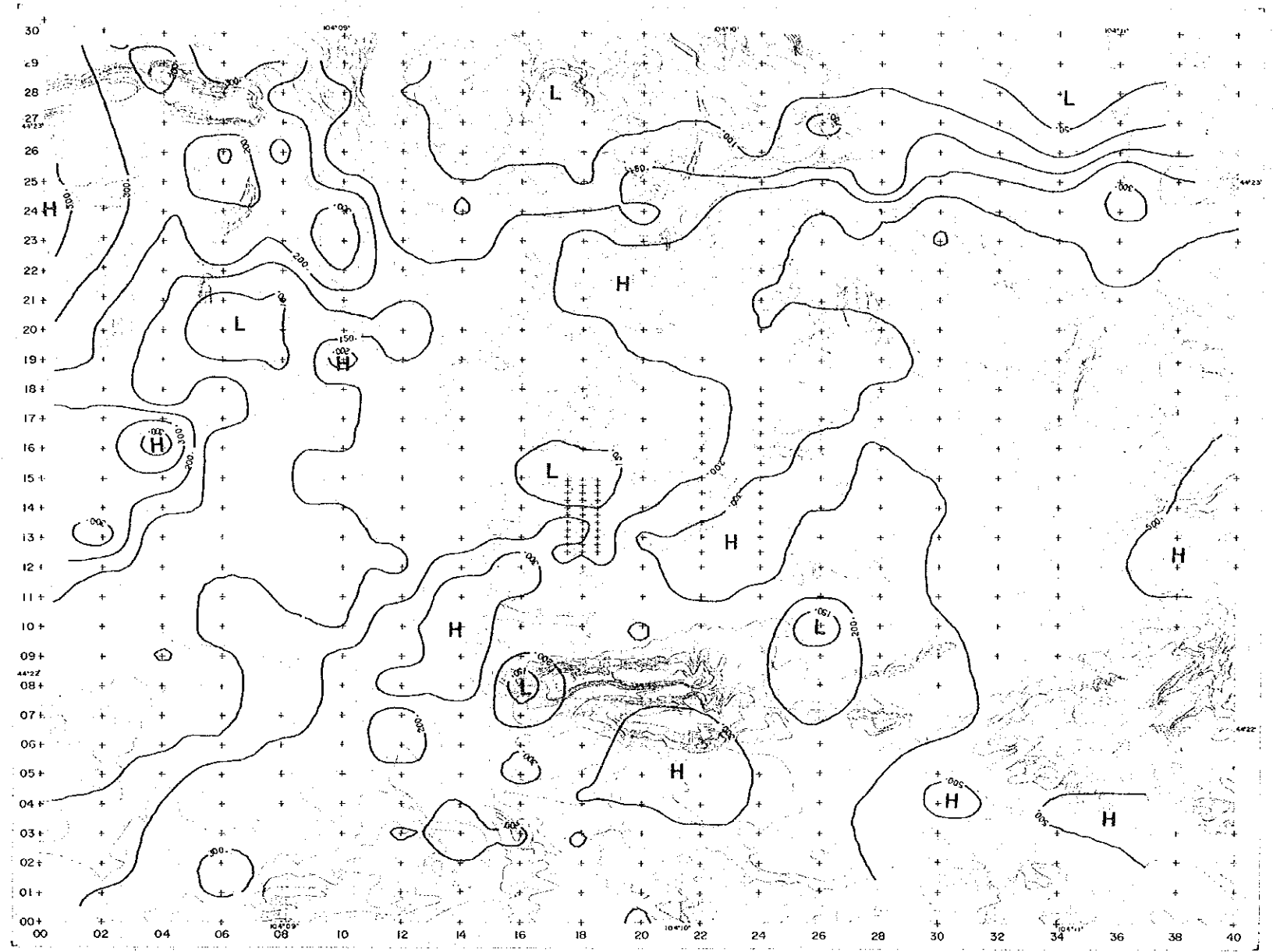
LEGEND

- +++ Survey Line
- Resistivity Contour (Ω·m)
 - 20
 - 50
 - 100
 - 150
 - 200
 - 300
 - 500

- H High Resistivity Zone
- L Low Resistivity Zone

1:10,000

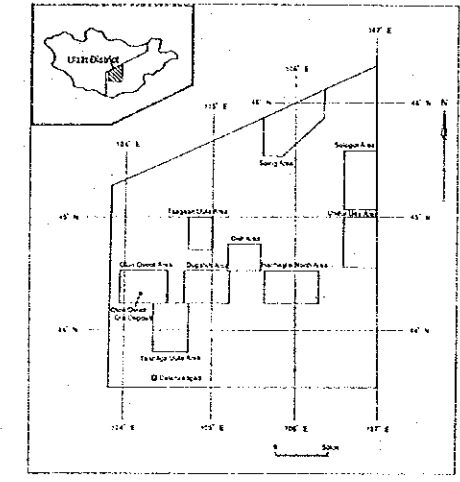




PL. II-3-11

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II),

Resistivity Image at the 1,000m Level



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 1993

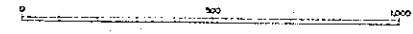
Prepared by MINDECO

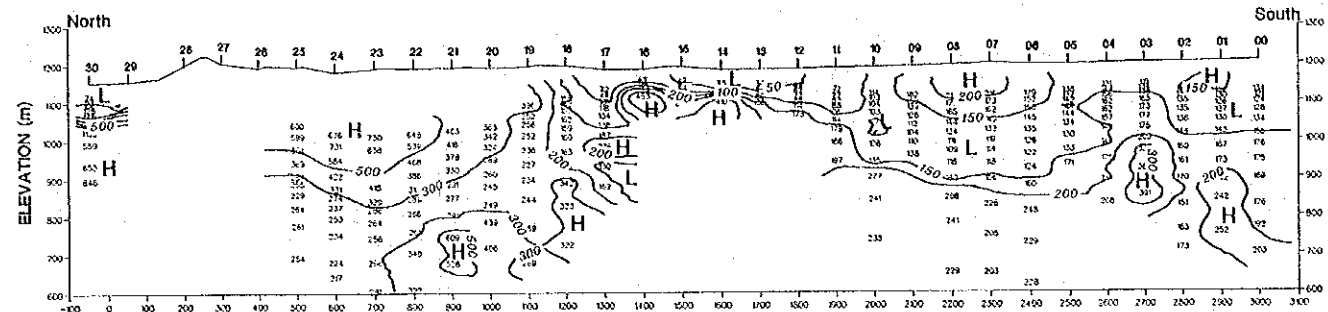
LEGEND

- Survey Line
 - 25
 - 50
 - 100
 - 150
 - 200
 - 300
 - 500
- Resistivity Contour
(Ω·m)

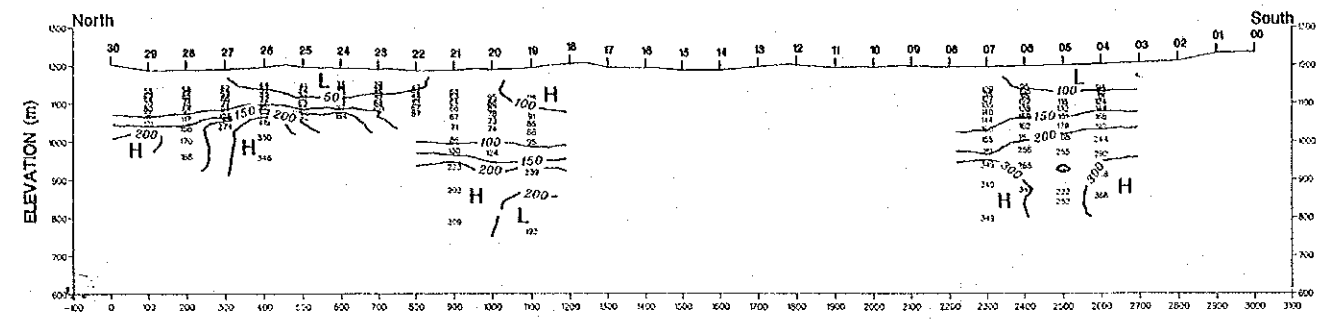
- H High Resistivity Zone
- L Low Resistivity Zone

1:10,000

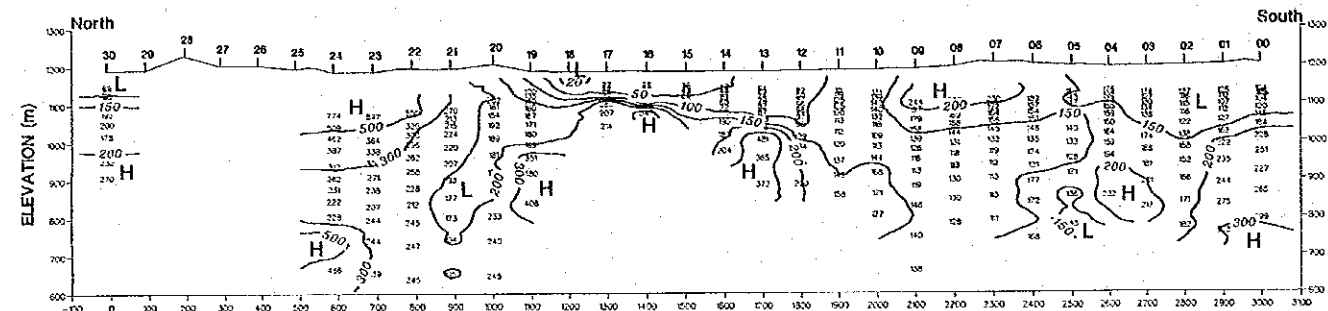




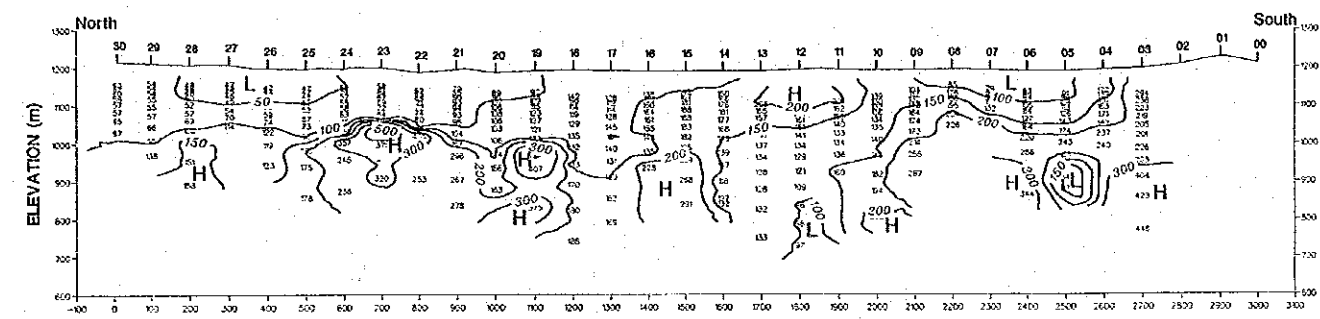
RESISTIVITY IMAGE SECTION FOR NS-LINE 00



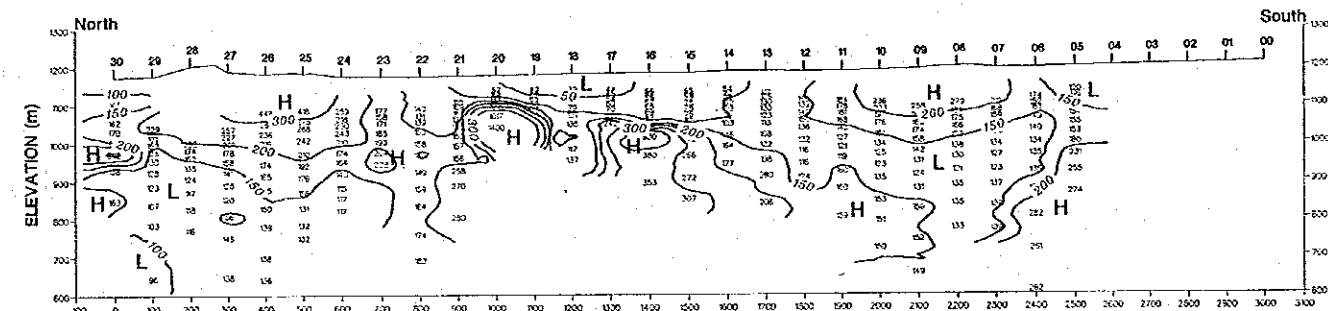
RESISTIVITY IMAGE SECTION FOR NS-LINE 08



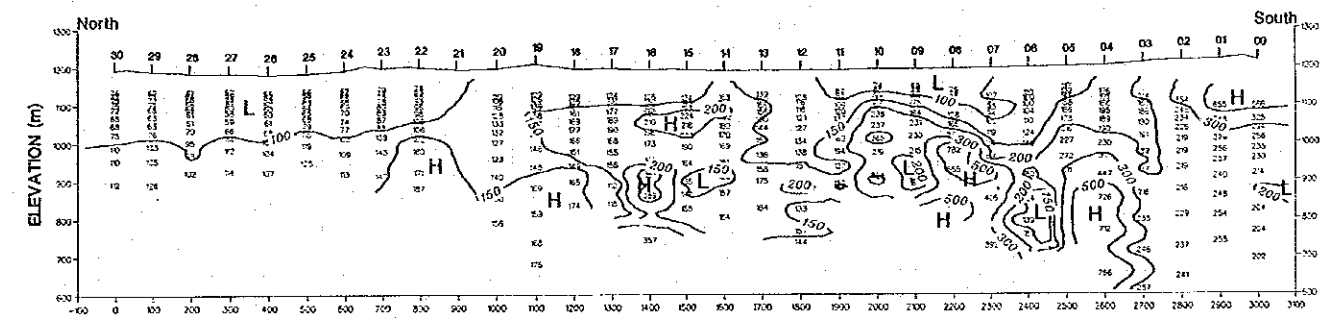
RESISTIVITY IMAGE SECTION FOR NS-LINE 02



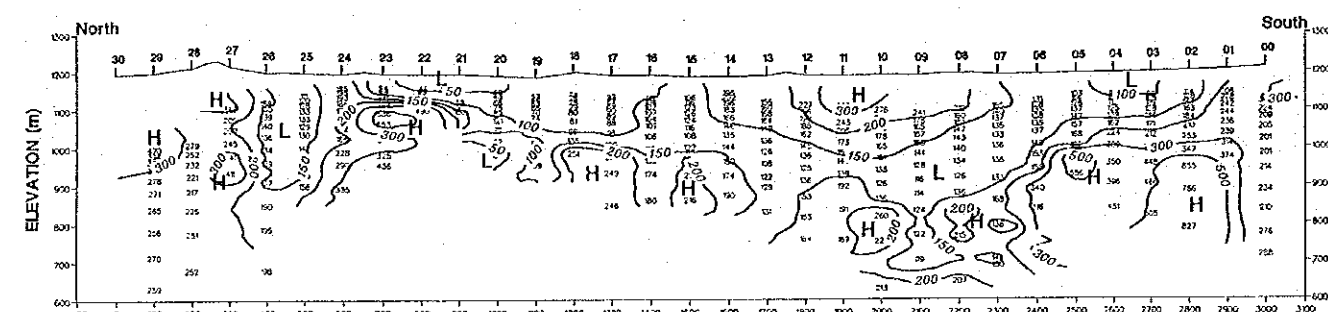
RESISTIVITY IMAGE SECTION FOR NS-LINE 10



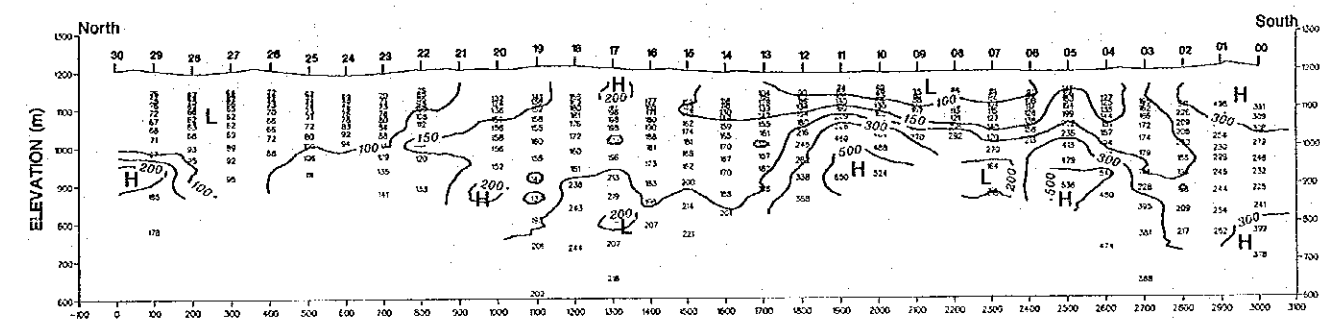
RESISTIVITY IMAGE SECTION FOR NS-LINE 04



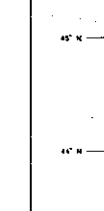
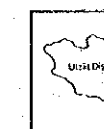
RESISTIVITY IMAGE SECTION FOR NS-LINE 12



RESISTIVITY IMAGE SECTION FOR NS-LINE 06

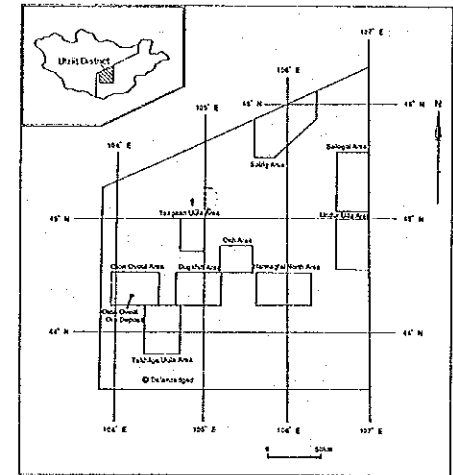


RESISTIVITY IMAGE SECTION FOR NS-LINE 14



COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

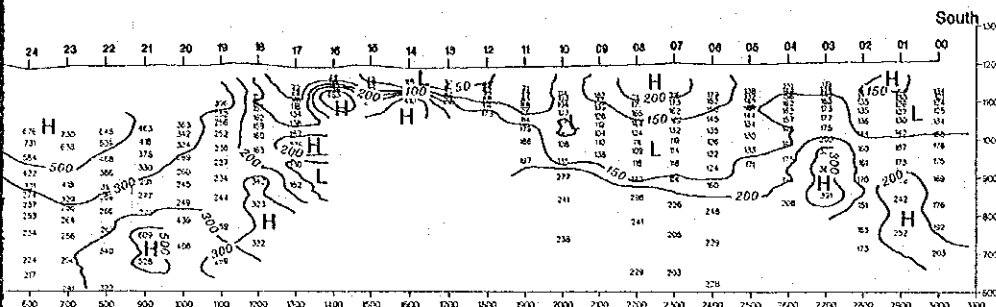
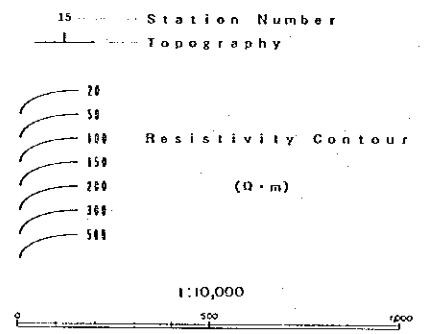
Resistivity Image Sections for NS
Lines 00 to 14



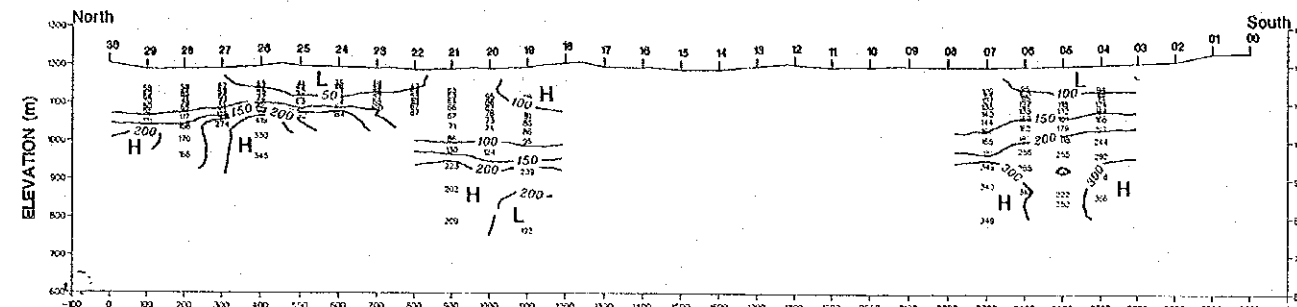
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 1993

Prepared by MINDECO

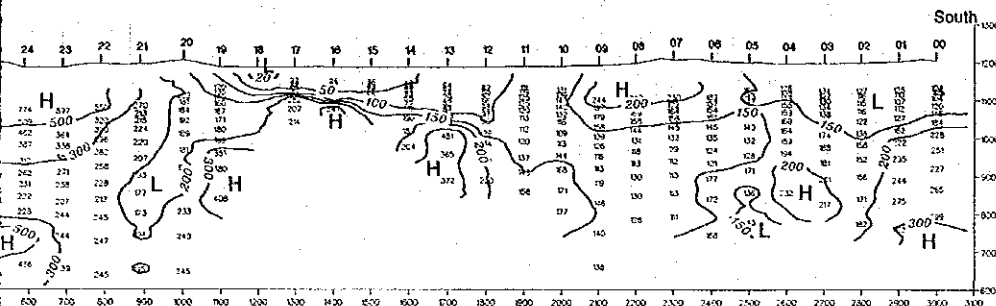
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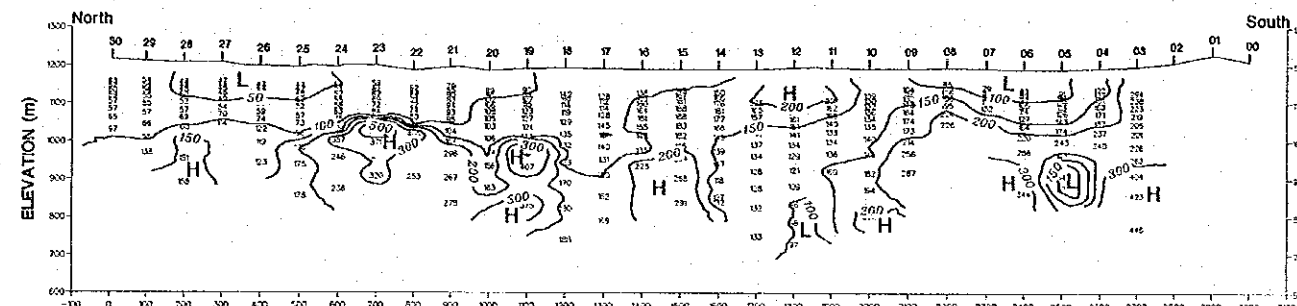
RESISTIVITY IMAGE SECTION FOR NS-LINE 00



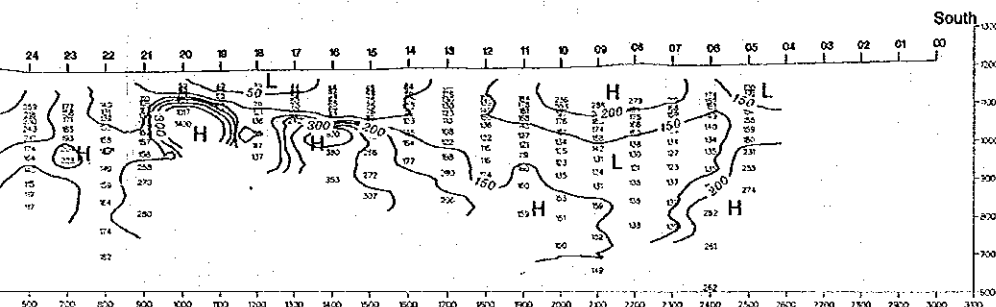
RESISTIVITY IMAGE SECTION FOR NS-LINE 08



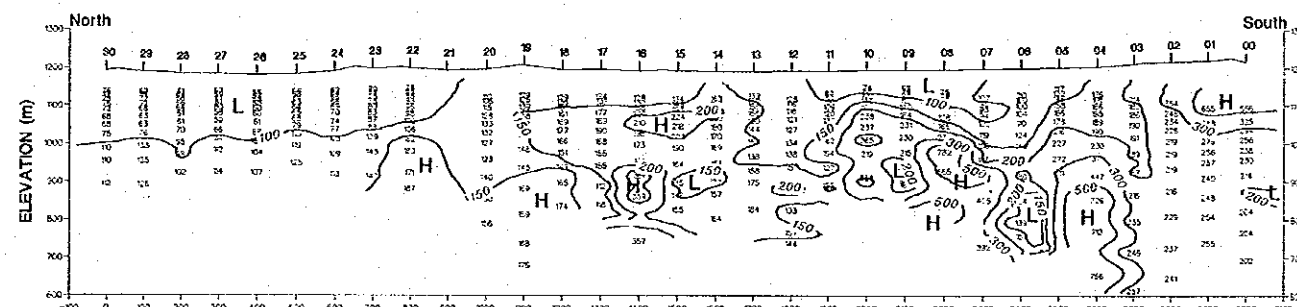
RESISTIVITY IMAGE SECTION FOR NS-LINE 02



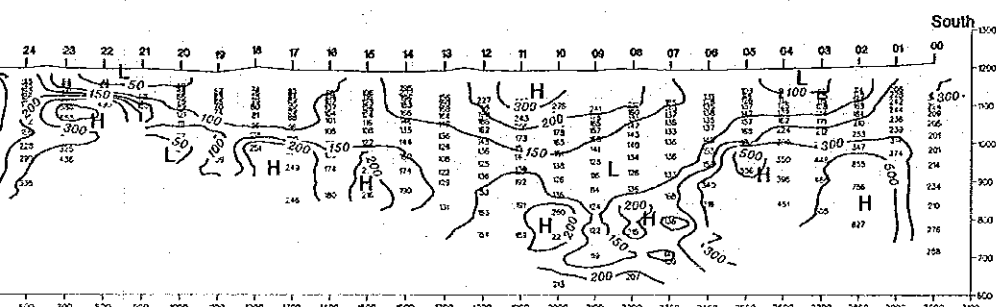
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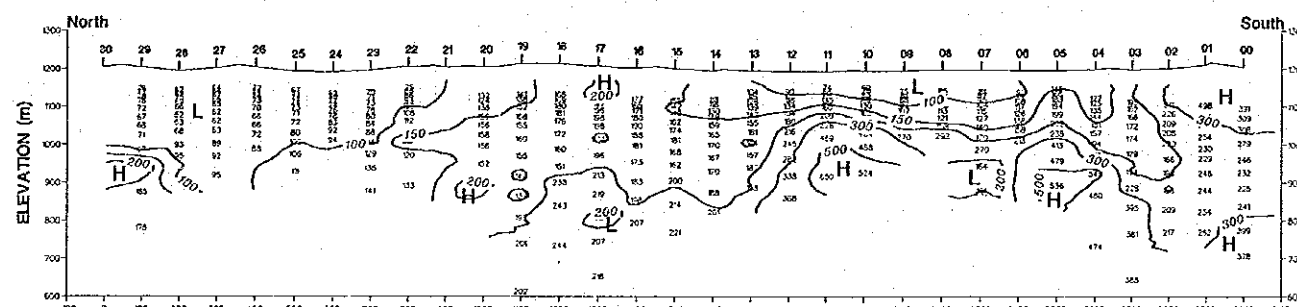
RESISTIVITY IMAGE SECTION FOR NS-LINE 04



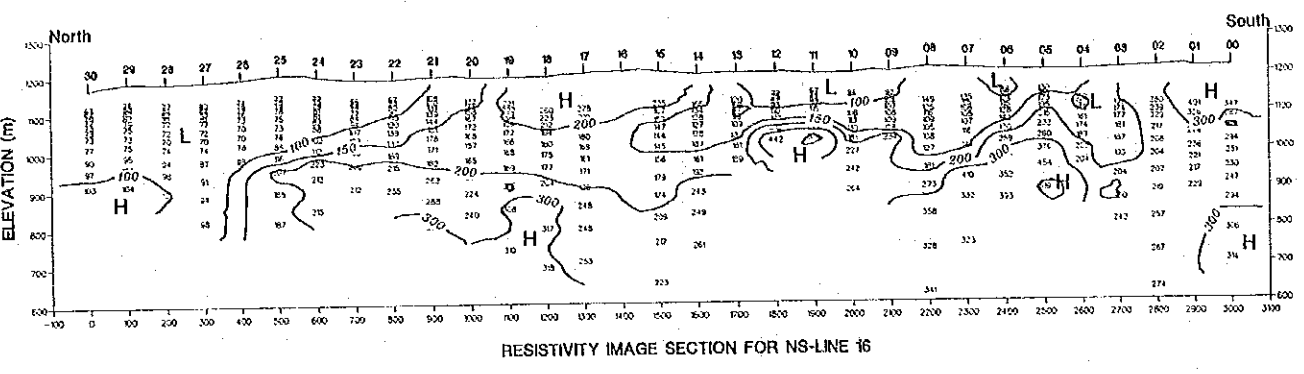
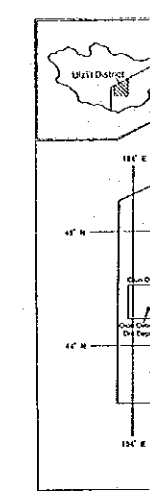
RESISTIVITY IMAGE SECTION FOR NS-LINE 12



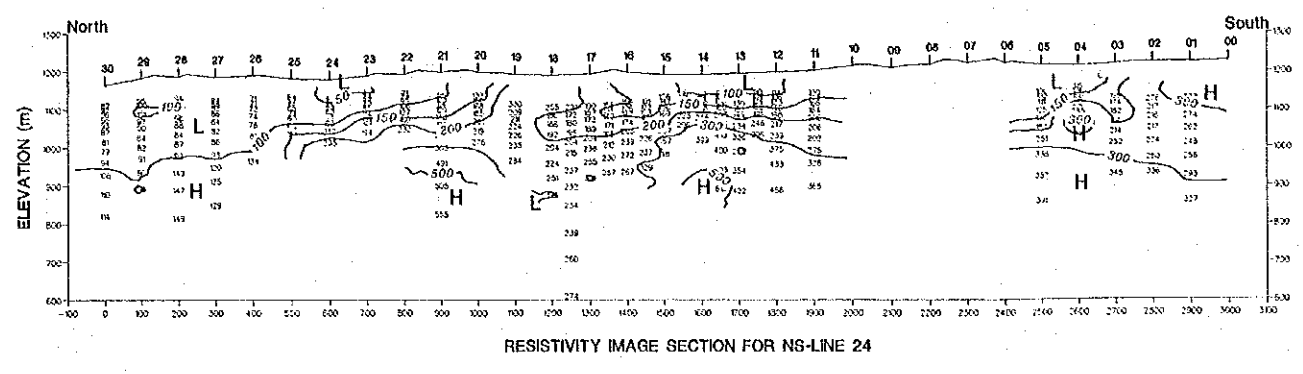
RESISTIVITY IMAGE SECTION FOR NS-LINE 06



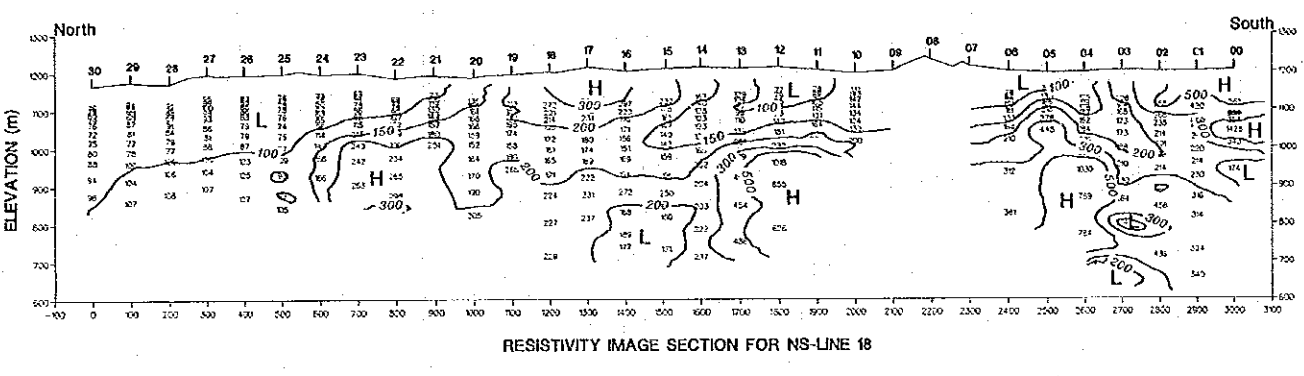
RESISTIVITY IMAGE SECTION FOR NS-LINE 14



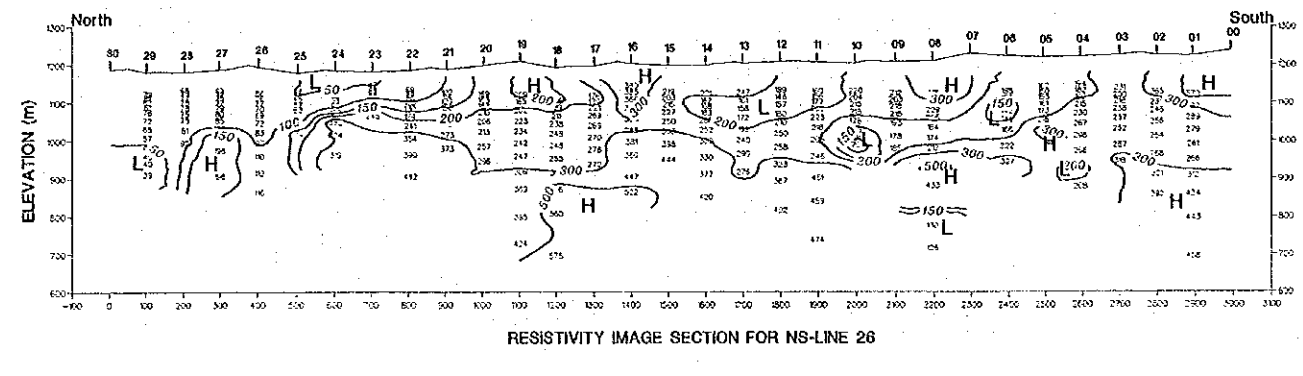
RESISTIVITY IMAGE SECTION FOR NS-LINE 16



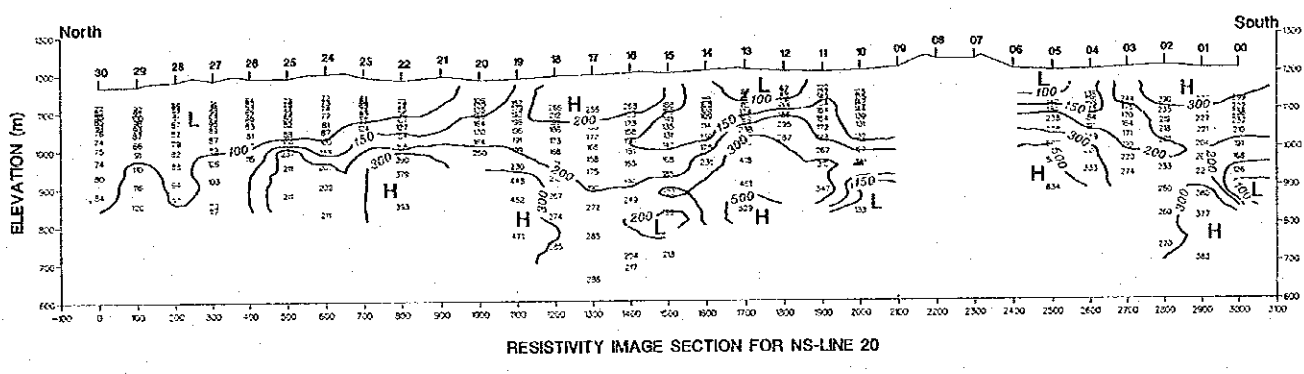
RESISTIVITY IMAGE SECTION FOR NS-LINE 24



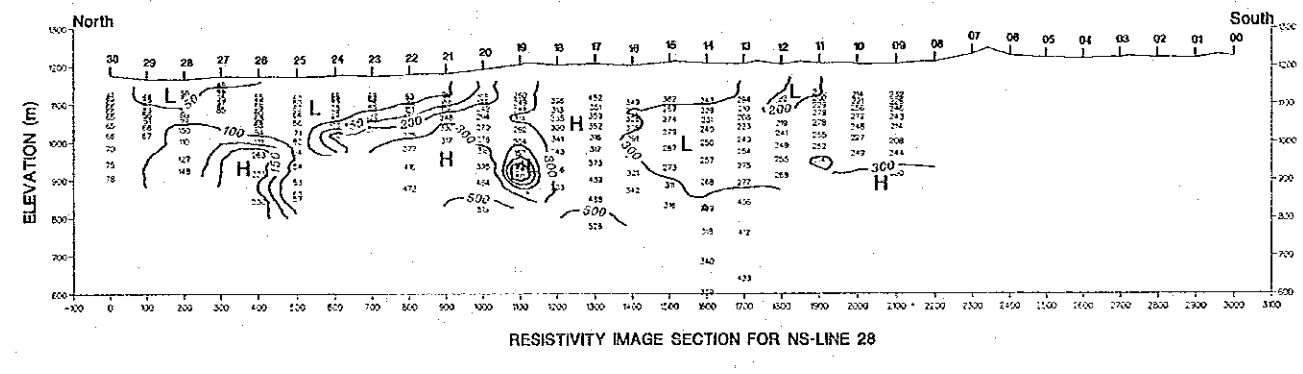
RESISTIVITY IMAGE SECTION FOR NS-LINE 18



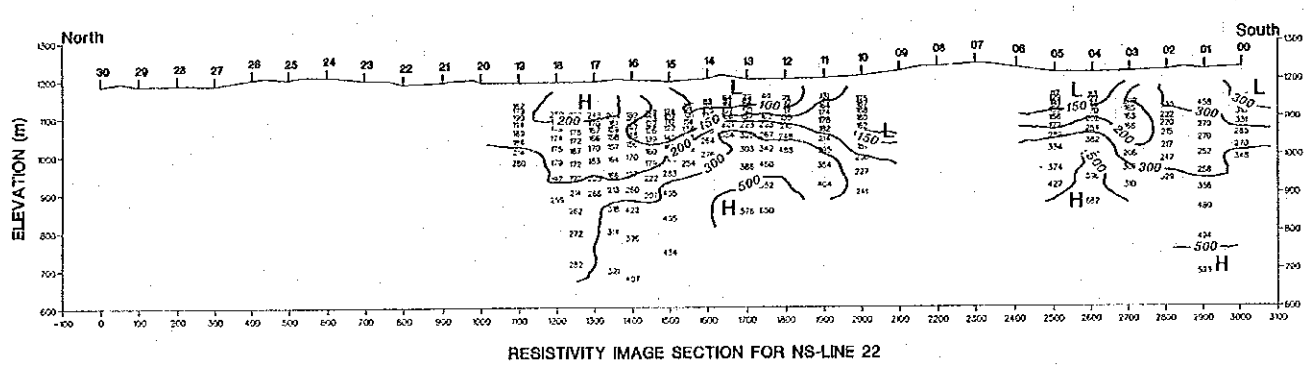
RESISTIVITY IMAGE SECTION FOR NS-LINE 26



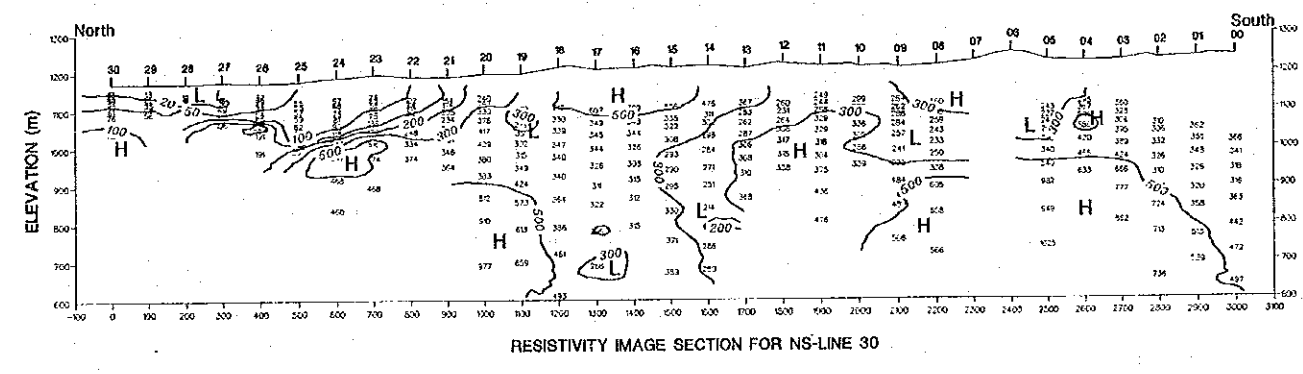
RESISTIVITY IMAGE SECTION FOR NS-LINE 20



RESISTIVITY IMAGE SECTION FOR NS-LINE 28



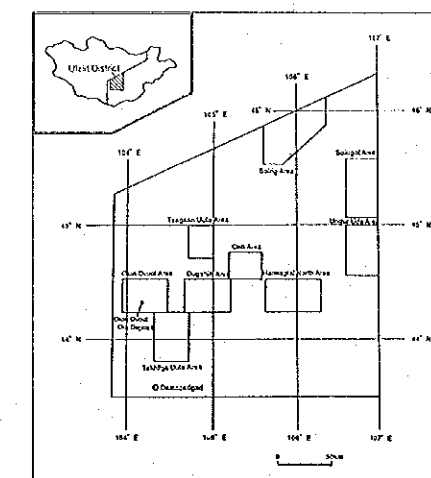
RESISTIVITY IMAGE SECTION FOR NS-LINE 22



RESISTIVITY IMAGE SECTION FOR NS-LINE 30

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

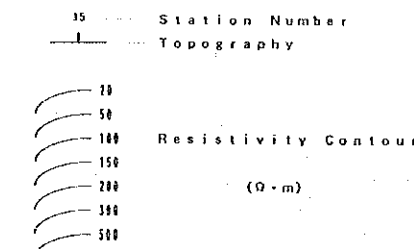
Resistivity Image Sections for NS
Lines 16 to 30



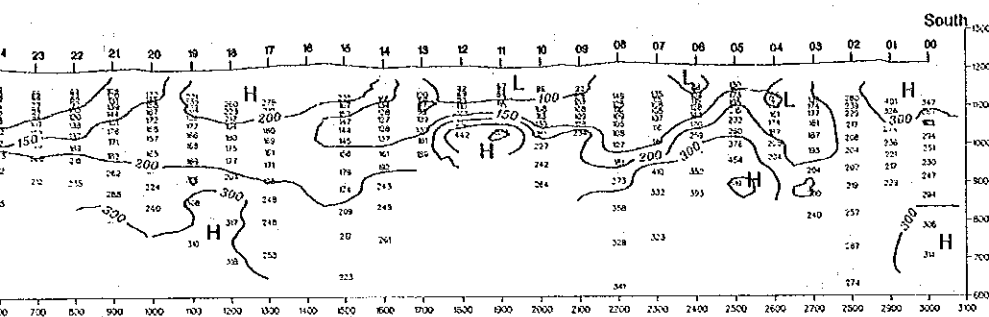
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
JANUARY 1993

Prepared by MINDECO

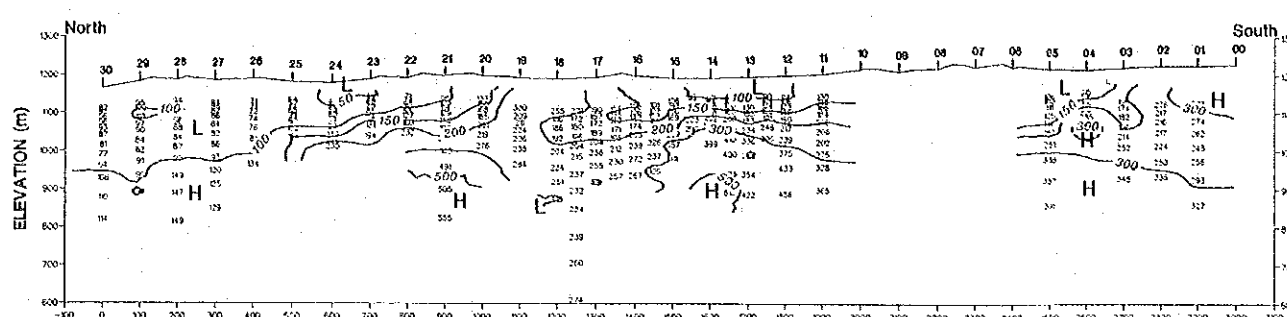
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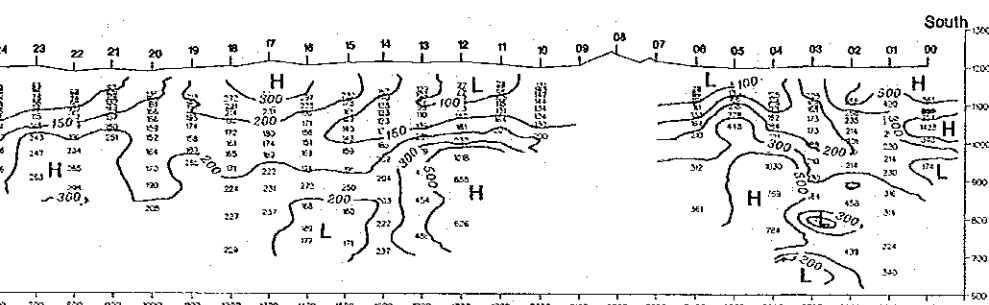
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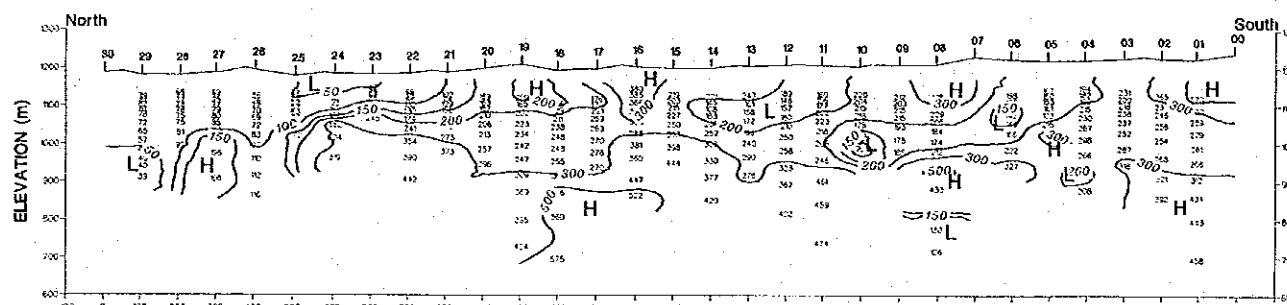
RESISTIVITY IMAGE SECTION FOR NS-LINE 16



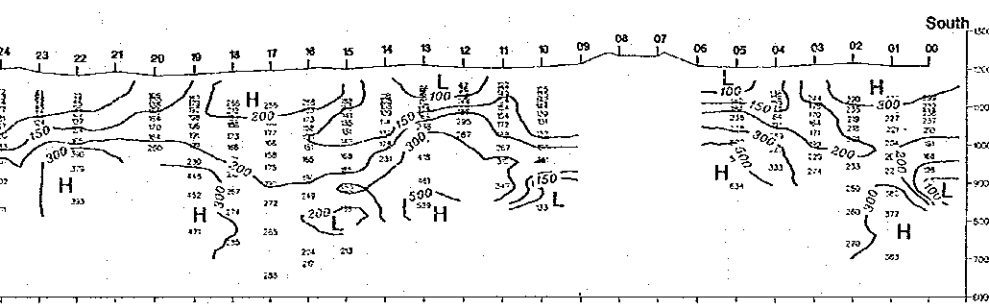
RESISTIVITY IMAGE SECTION FOR NS-LINE 24



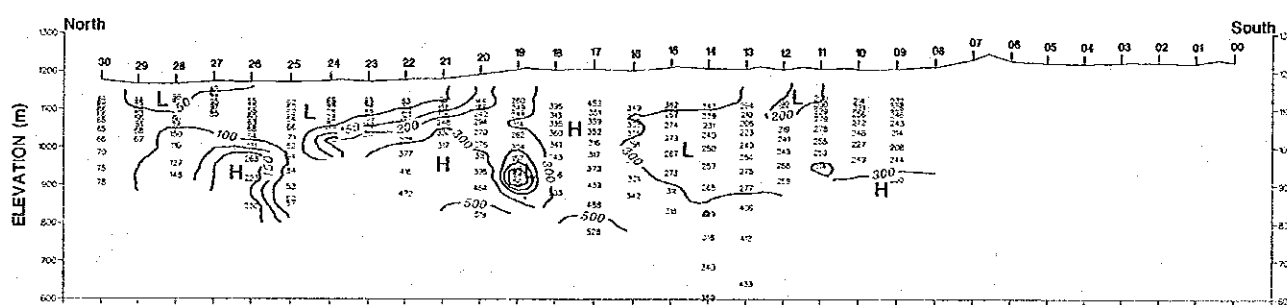
RESISTIVITY IMAGE SECTION FOR NS-LINE 18



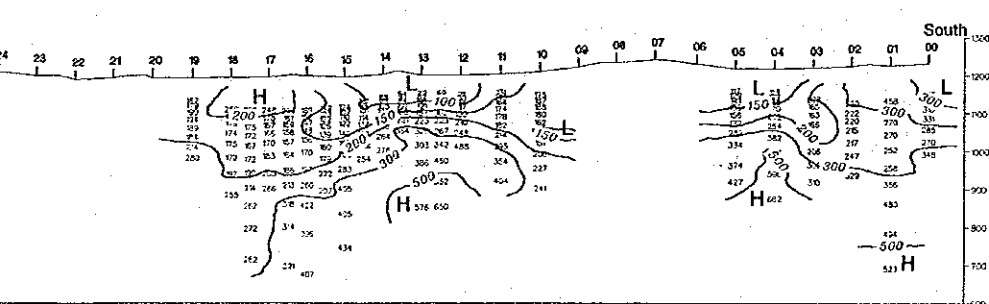
RESISTIVITY IMAGE SECTION FOR NS-LINE 26



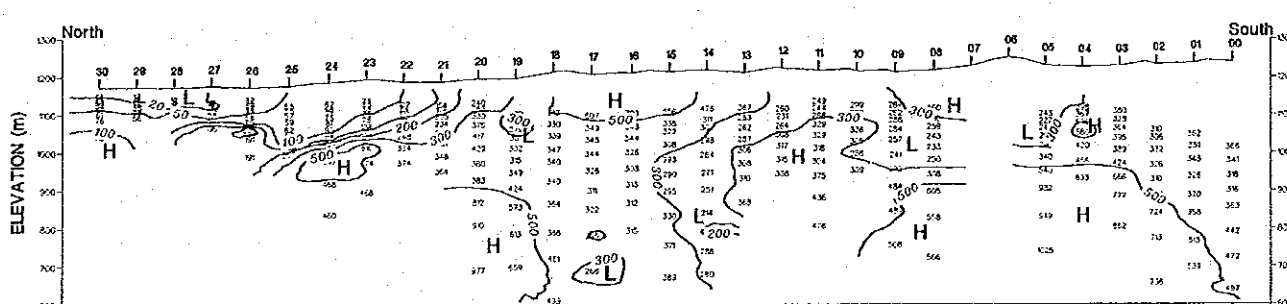
RESISTIVITY IMAGE SECTION FOR NS-LINE 20



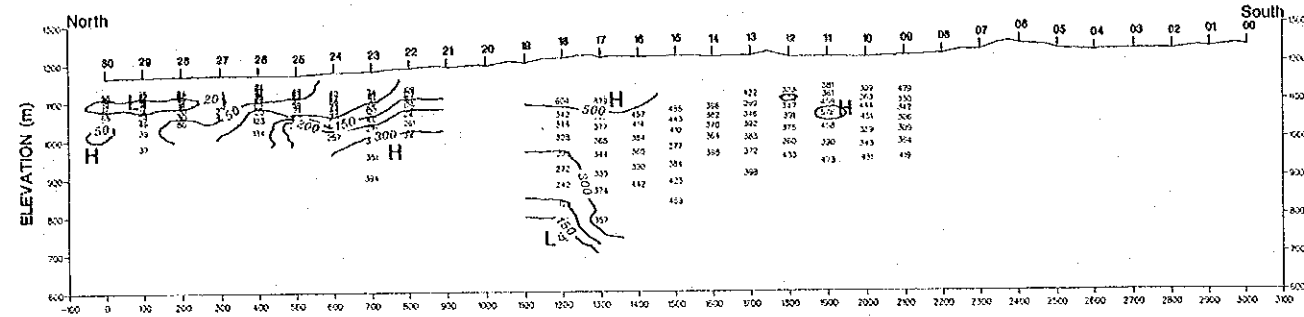
RESISTIVITY IMAGE SECTION FOR NS-LINE 28



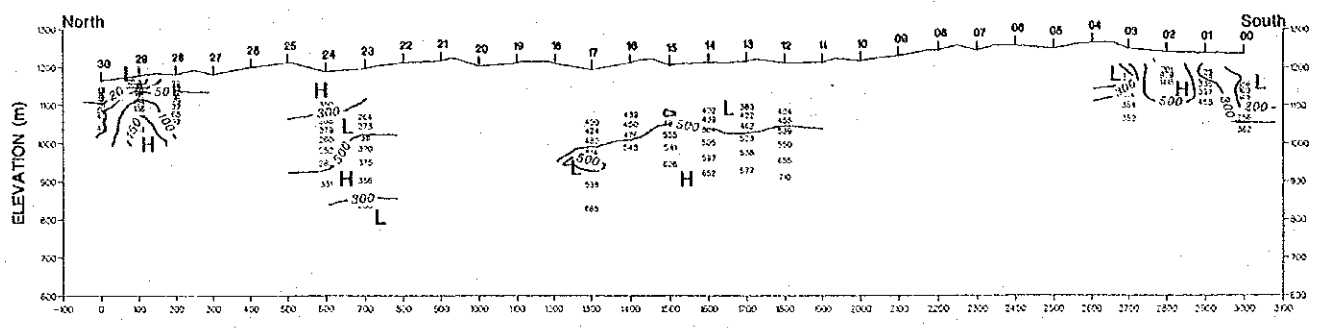
RESISTIVITY IMAGE SECTION FOR NS-LINE 22



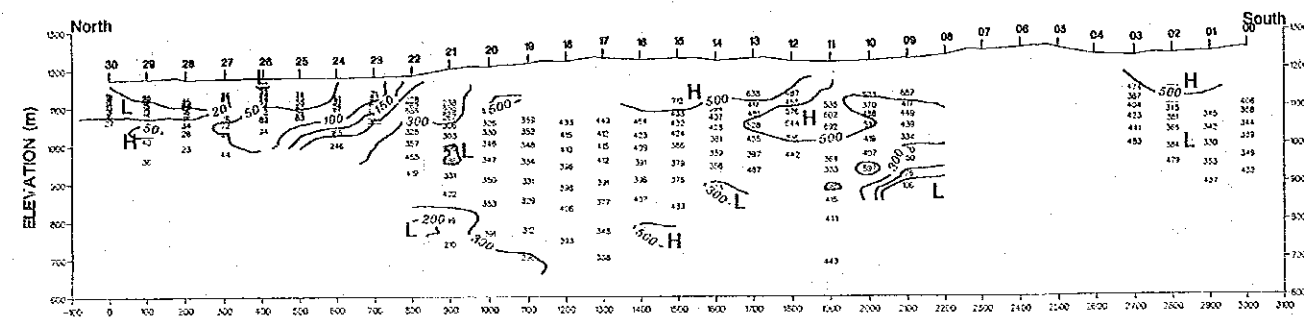
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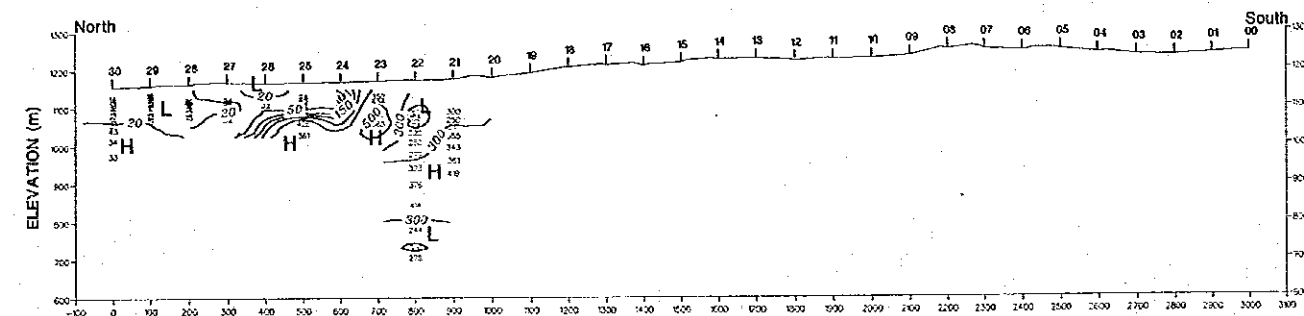
RESISTIVITY IMAGE SECTION FOR NS-LINE 32



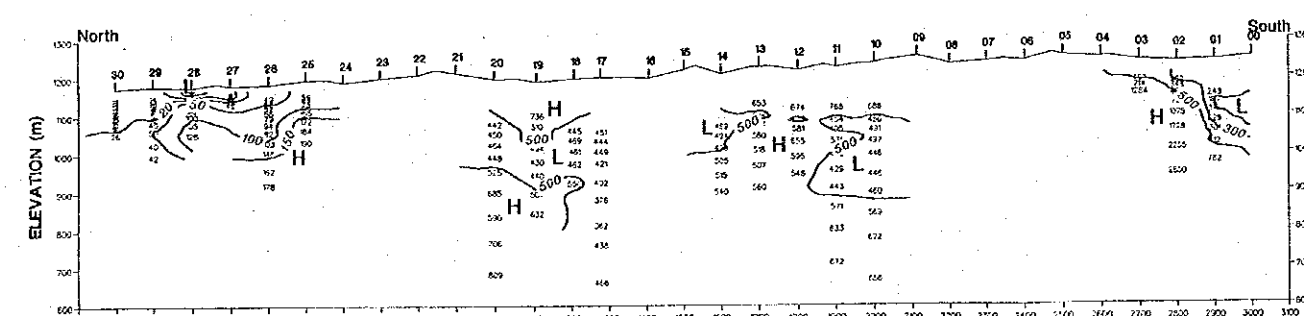
RESISTIVITY IMAGE SECTION FOR NS-LINE 40



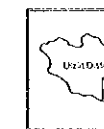
RESISTIVITY IMAGE SECTION FOR NS-LINE 34



RESISTIVITY IMAGE SECTION FOR NS-LINE 36

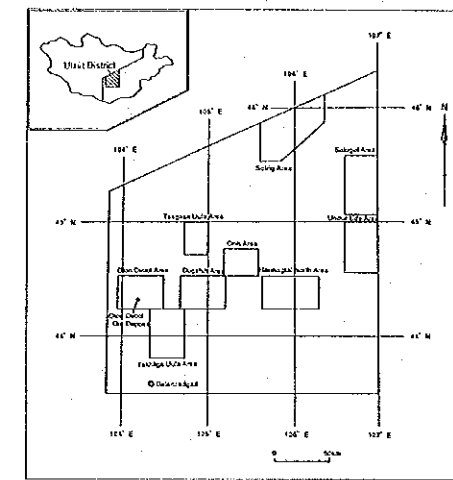


RESISTIVITY IMAGE SECTION FOR NS-LINE 38



COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

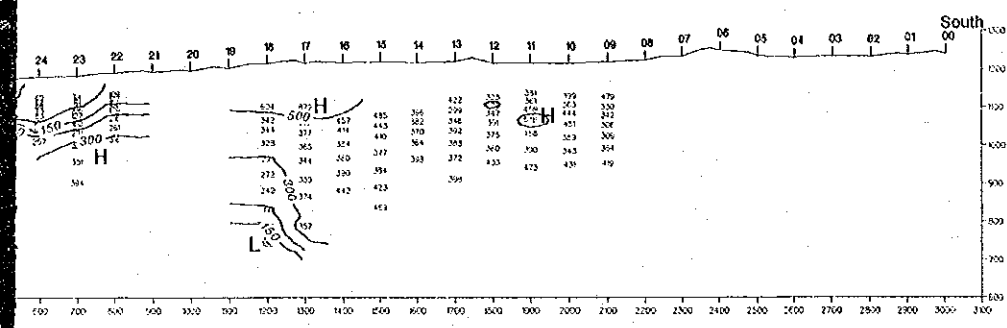
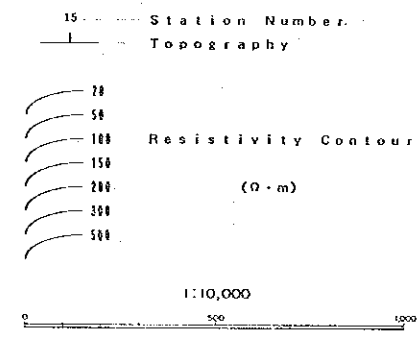
Resistivity Image Sections for NS
Lines 32 to 40



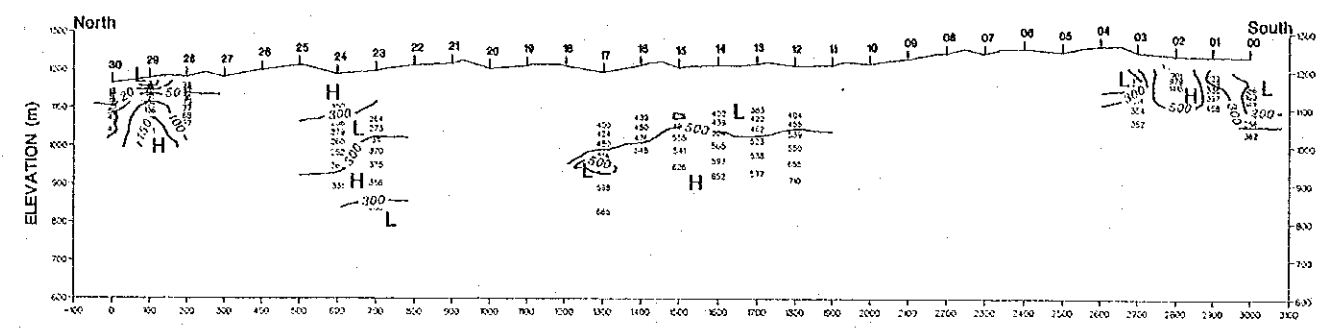
JAPAN INTERNATIONAL COOPERATION AGENCY
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JANUARY 1993

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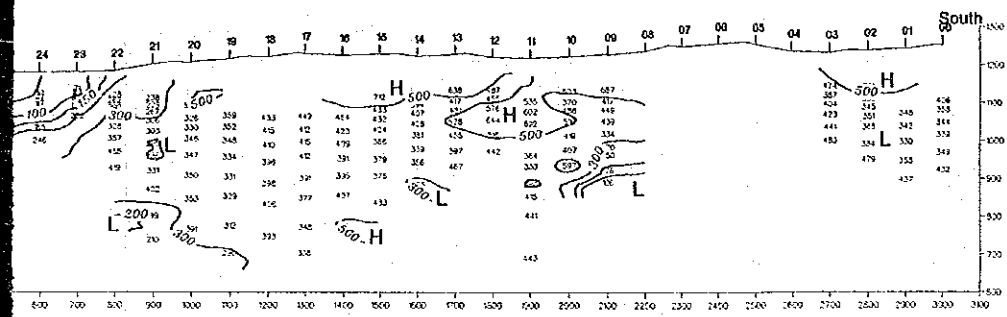
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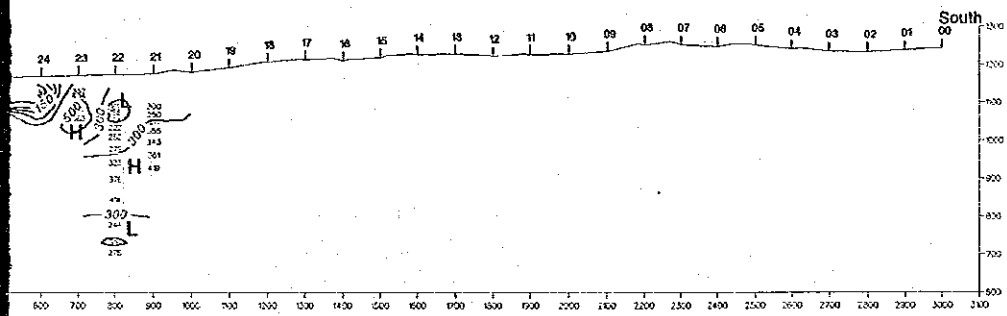
RESISTIVITY IMAGE SECTION FOR NS-LINE 32



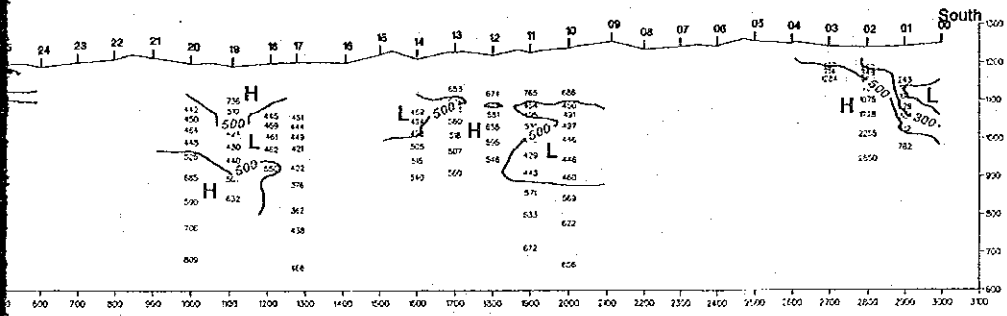
RESISTIVITY IMAGE SECTION FOR NS-LINE 40



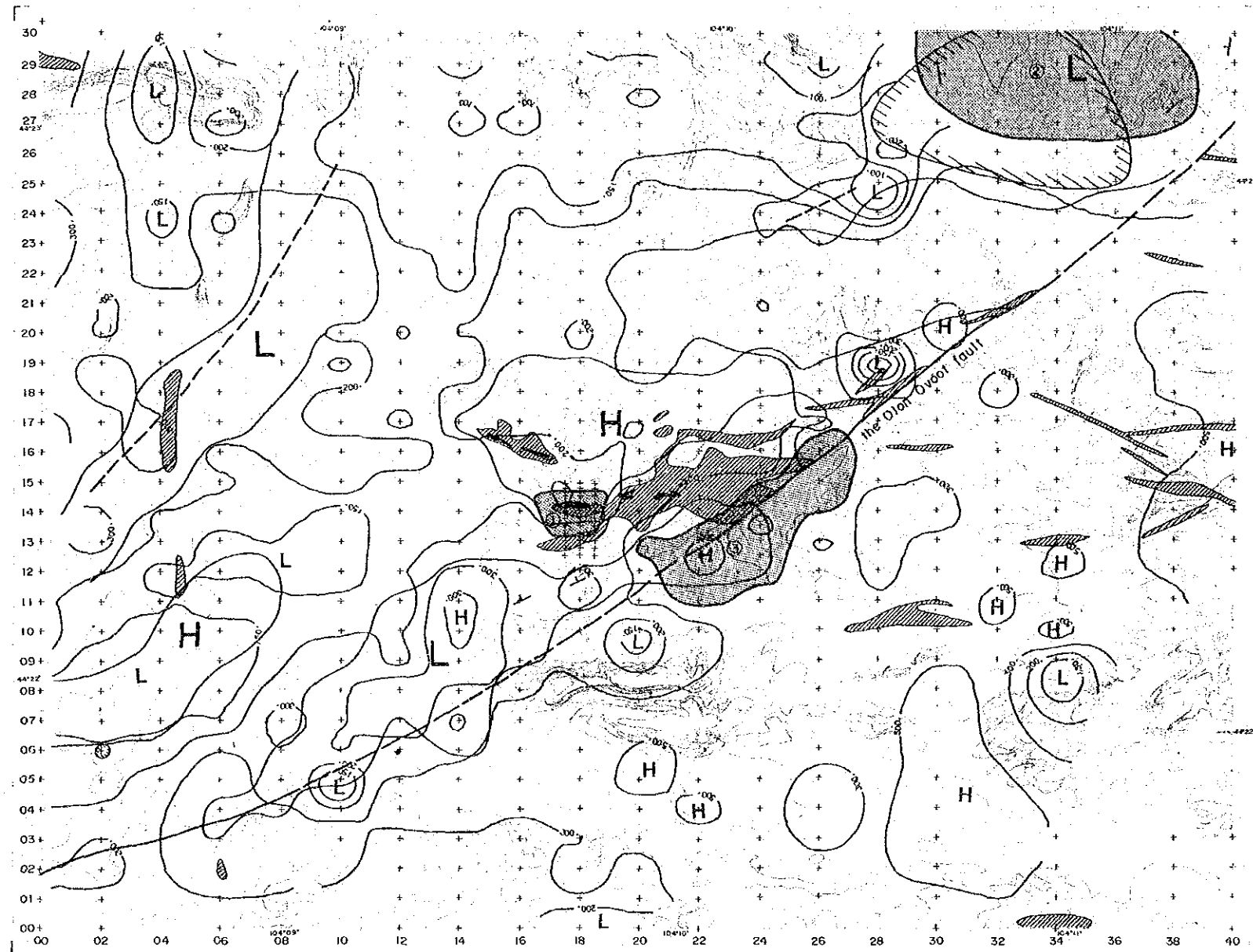
RESISTIVITY IMAGE SECTION FOR NS-LINE 34



RESISTIVITY IMAGE SECTION FOR NS-LINE 36



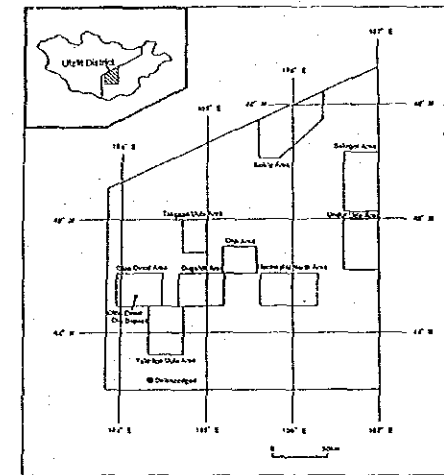
RESISTIVITY IMAGE SECTION FOR NS-LINE 38



PL. II-3-15

COOPERATIVE MINERAL EXPLORATION
IN
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Map of Geophysical Interpretation



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JANUARY 1993

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