REPUBLIC OF ZIMBABWE

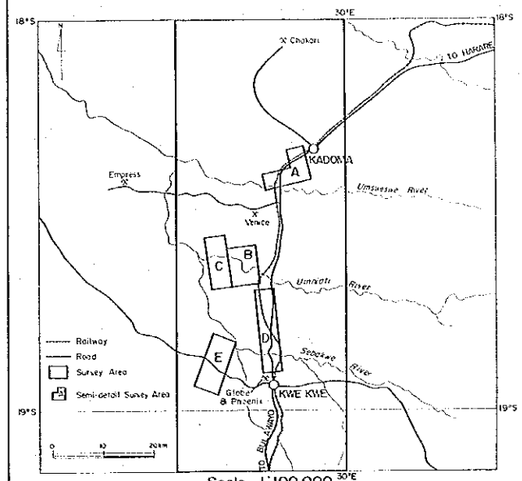
REPORT ON THE COOPERATIVE MINERAL EXPLORATION OF KADOMA AREA

PHASE I

MARCH 1987

MINERAL EXPLORATION
in the
KADOMA AREA, ZIMBABWE
PHASE I

Location Map of Samples for Laboratory Tests



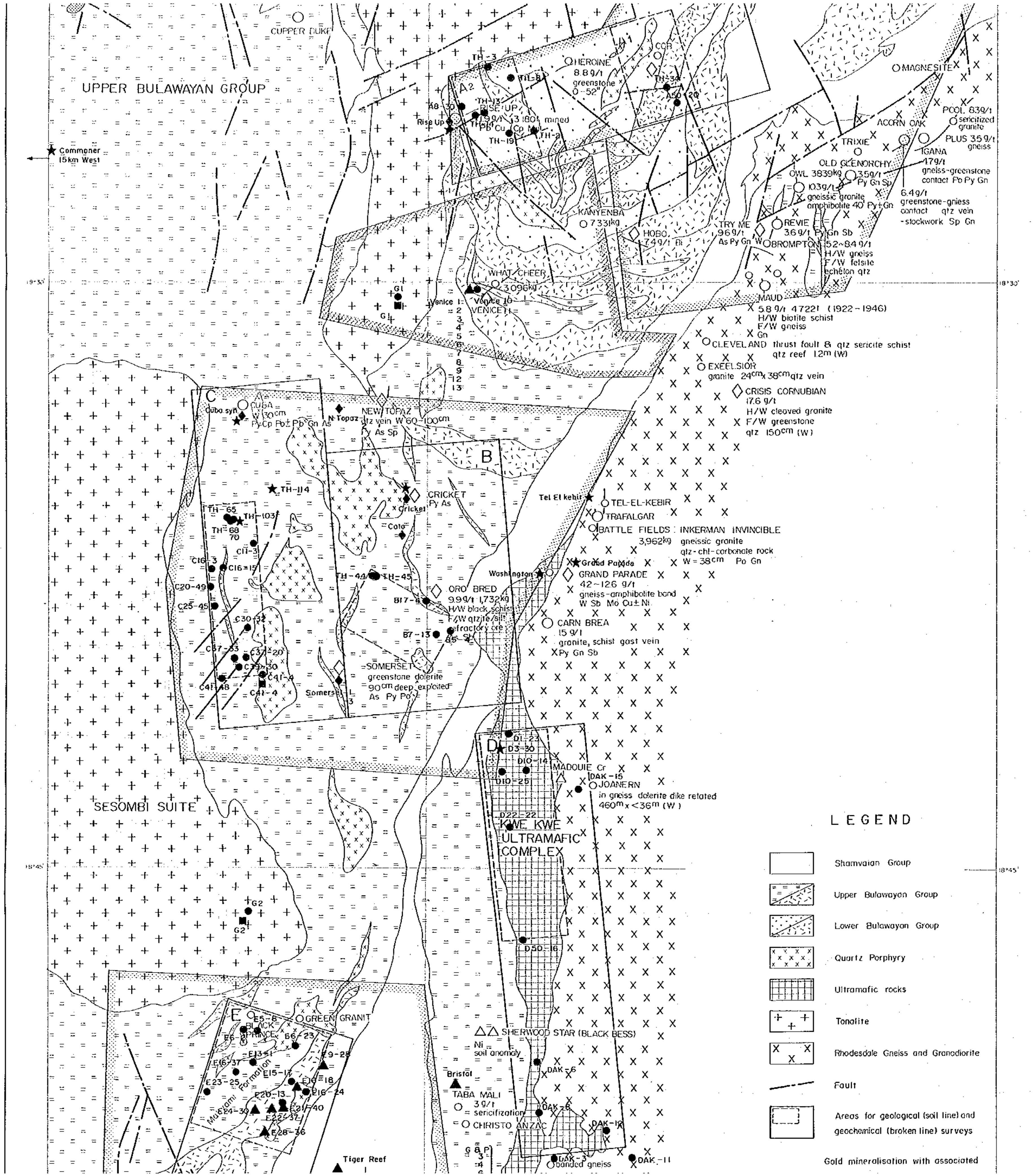
Scale 1:100,000

0 5,000 10,000m

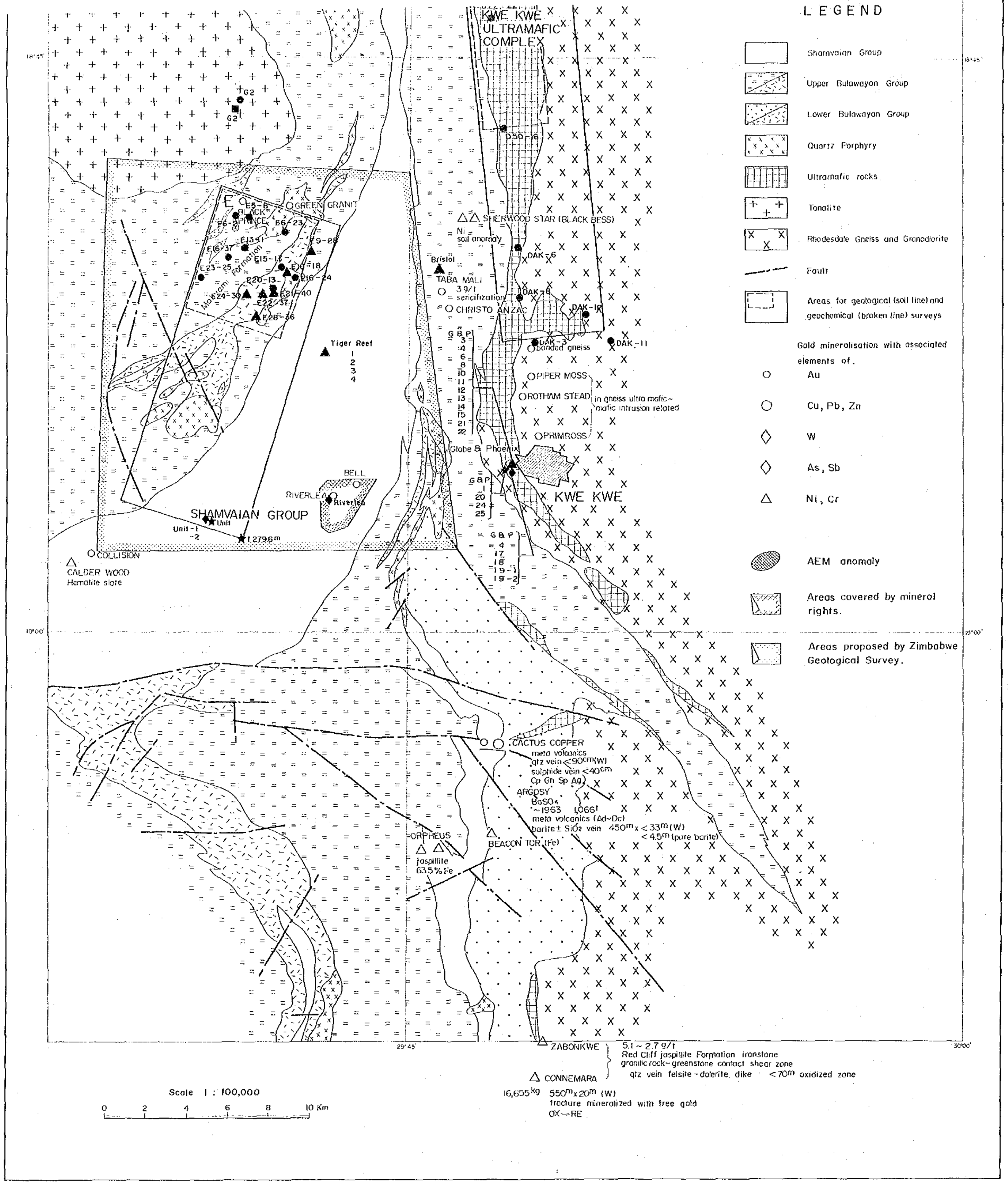
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987

LEGEND OF SAMPLES

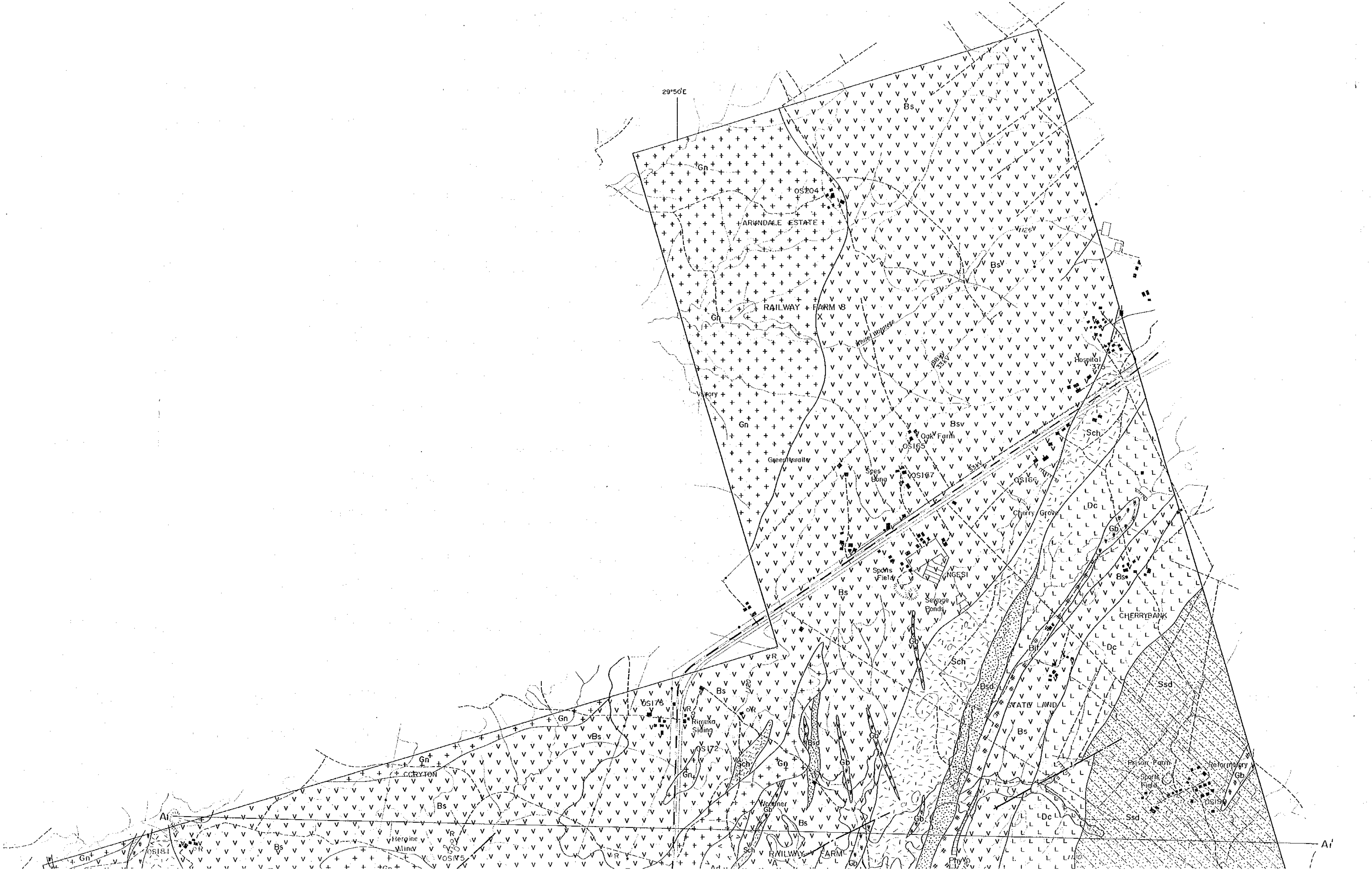
- ■ K-Ar Dating
- ● Thin Section
- ▲ X-ray diffractometry
- ♦ Polishing
- ★ Measurements of homogenization Temperature and salinity



UPPER BULAWAYAN GROUP
SESOMBI SUITE
KWE KWE ULTRAMAFIC COMPLEX
Commoner 15km West
COPPER DUKE
HEROINE 8.8g/t greenstone
RISE UP
KANYENBA 733kg
HOBO
TRY ME
REVIE
BROMPTON
MAGNESITE
ACORN OAK
POOL
TRIXIE
IGANA
PLUS
OLD GLENORCHY
OWL
WHAT CHEER
VENICE
MAUD
CLEVELAND thrust fault & qtz sericite schist
EXCELSIOR
CRISIS CORNUBIAN
CUBA
NEW TOPAZ
CRICKET
TEL-EL-KEBIR
TRAFALGAR
BATTLE FIELDS
INKERMAN INVINCIBLE
GRAND PARADE
ORO BRED
CARN BREA
SOMERSET
MADOUIE Cr
JOANERN
GREEN GRANIT
BLACK PRINCE
SHERWOOD STAR (BLACK BESS)
Ni soil anomaly
Bristol
TABA MALI
CHRISTO ANZAC
Tiger Reef
A
B
C
D
E
LEGEND
Shamvaian Group
Upper Bulawayan Group
Lower Bulawayan Group
Quartz Porphyry
Ultramafic rocks
Tonalite
Rhodesdale Gneiss and Granodiorite
Fault
Areas for geological (soil line) and geochemical (broken line) surveys
Gold mineralisation with associated



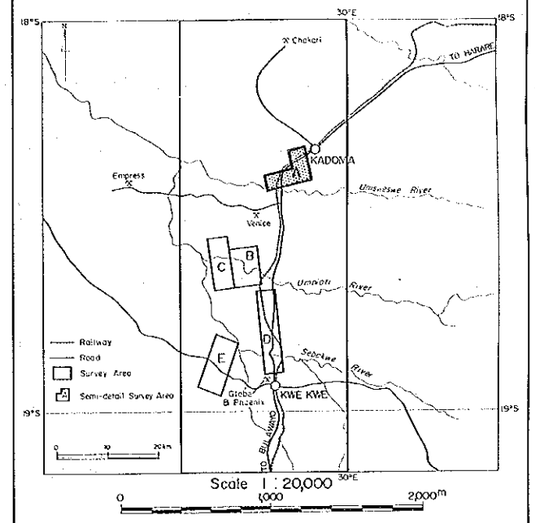
LEGEND
Shamvaian Group
Upper Bulawayan Group
Lower Bulawayan Group
Quartz Porphyry
Ultramafic rocks
Tonalite
Rhodesdale Gneiss and Granodiorite
Fault
Areas for geological (soil line) and geochemical (broken line) surveys
Gold mineralisation with associated elements of,
Au
Cu, Pb, Zn
W
As, Sb
Ni, Cr
AEM anomaly
Areas covered by mineral rights.
Areas proposed by Zimbabwe Geological Survey.
KWE KWE ULTRAMAFIC COMPLEX
SHERWOOD STAR (BLACK BESS)
Ni soil anomaly
Bristol
TABA MALI
39/1 sericitization
CHRISTO ANZAC
Tiger Reef
GREEN GRANITE
BLACK PRINCE
Maozam Formation
banded gneiss
PIPER MOSS
ROTHAM STEAD
in gneiss ultra mafic~mafic intrusion related
PRIMROSS
Globe & Phoenix
KWE KWE
BELL
RIVERLEA
Riverlea
SHAMVAIAN GROUP
Unit
Unit-1
-2
12796m
COLLISION
CALDER WOOD
Hematite slate
CACTUS COPPER
meta volcanics
qtz vein <90cm (W)
sulphide vein <40cm
Cp Gn Sp Ag
ARGOSY
BaSO4
~1963 1,066t
meta volcanics (Ad~Dc)
barite± SiO2 vein 450m x <33m (W)
<4.5m (pure barite)
ORPHEUS
jaspillite
63.5% Fe
BEACON TOR (Fe)
ZABONKWE
CONNEMARA
5.1~2.7 9/t
Red Cliff jaspillite Formation ironstone
granitic rock~greenstone contact shear zone
qtz vein felsite~dolerite dike <70m oxidized zone
16,655kg 550m x 20m (W)
fracture mineralized with free gold
OX→RE
29°45'
30°00'
19°00'
18°45'
Scale 1 : 100,000
0 2 4 6 8 10 Km


29°50'E
Gn
OS204
ARUNDALE ESTATE
Bs
1125
RAILWAY FARM 8
White Waters
88kV
33kV
Victory
Hospital
375
Bsv
Oak Farm
OS165
Greenthwaite
Spes Bona
OS167
OS166
Cherry Grove
Sch
Dc
Gb
Sports Field
NGESI
Sewage Ponds
CHERRYBANK
Bif
Bsd
Ssd
STATE LAND
Prison Farm
Reformatory
Sports Field
OS190
OS173
Rimuka Siding
OS172
vBs
CCRYTON
Heroine Mine
OS175
OS181
RAILWAY FARM
Phy Vo
A
A'

MINERAL EXPLORATION
in the
KADOMA AREA, ZIMBABWE
PHASE I

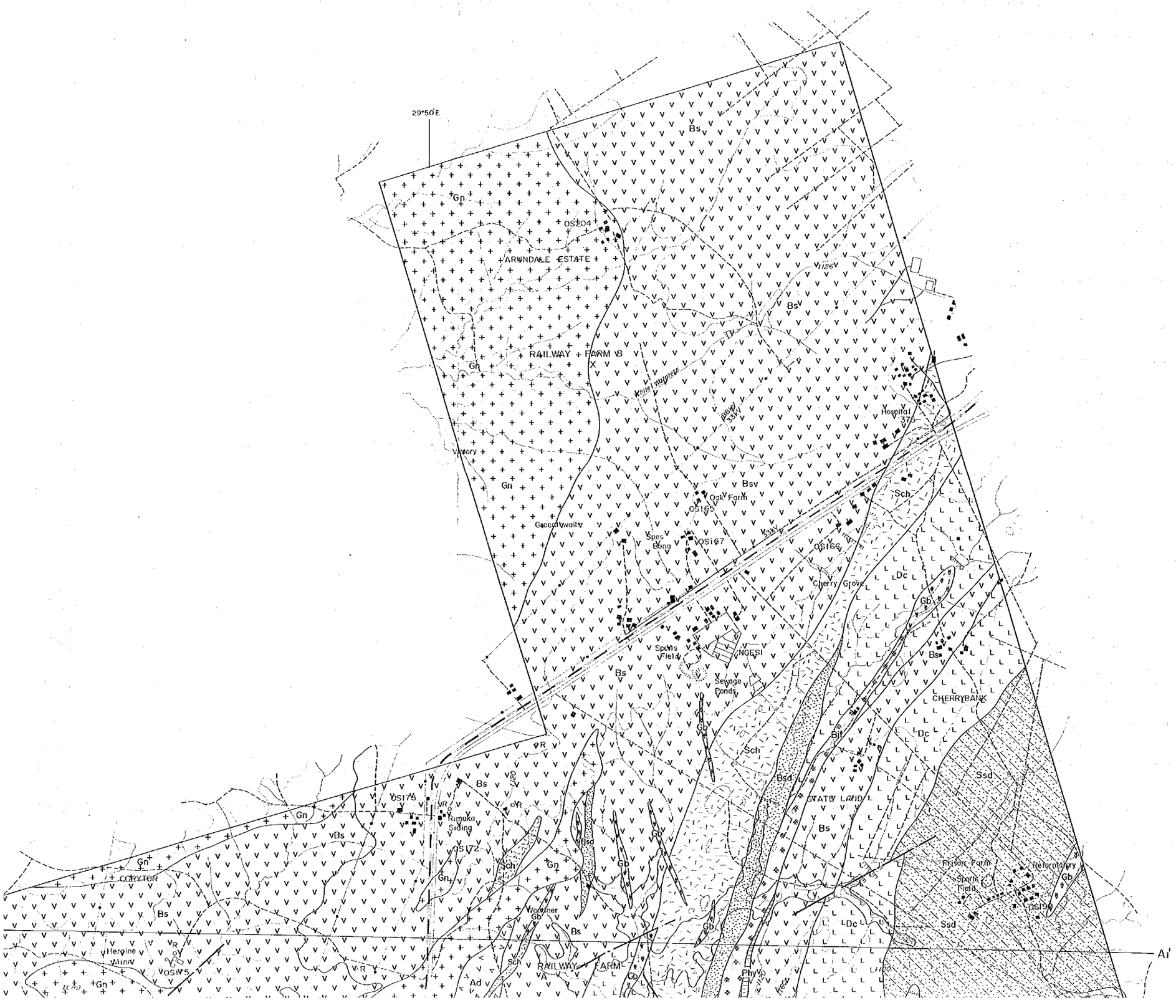
PL. 5-1-1

Geological Map of Area A



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

February 1987



LEGEND

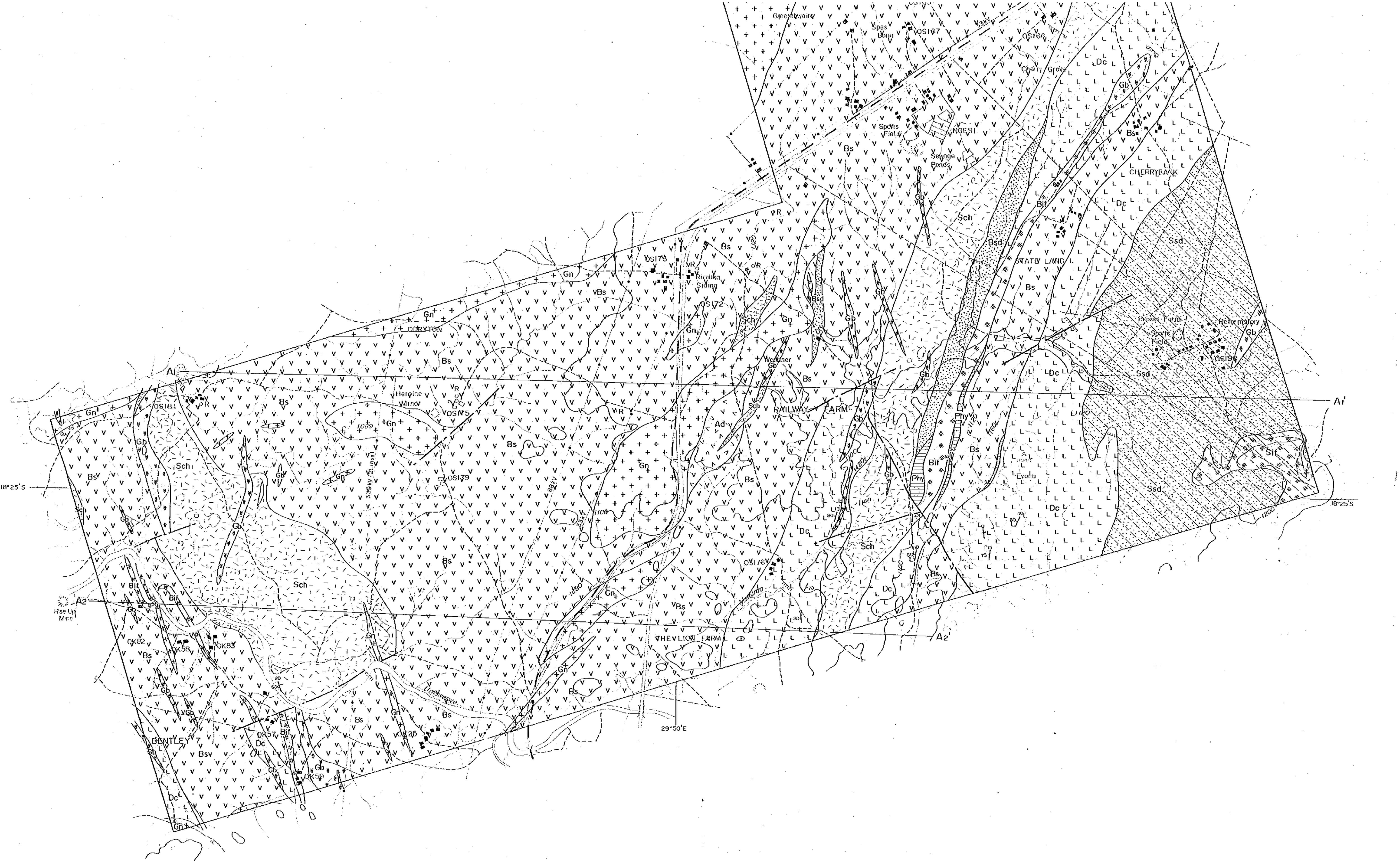
			Silicified zone
Intrusive Rocks	Qt		Quartz vein
	Um		Ultramafic rock
	Gb		Gabbro ~ Dolerite
	Qp		Quartz porphyry
	Gn		Granite, Gneiss
Shamvaian Group	Sif		Banded iron formation
	Ssd		Arkose sandstone, Conglomerate
Middle ~ Upper Bulawayan Group	Bif		Banded iron formation
	Phy		Phyllite, Silt
	Bsd		Arkose sandstone, Conglomerate
	Dc		Dacite ~ Rhyolite
	Sch		Sericite quartz schist
	Ad		Andesite
	Bs		Basalt

Fault

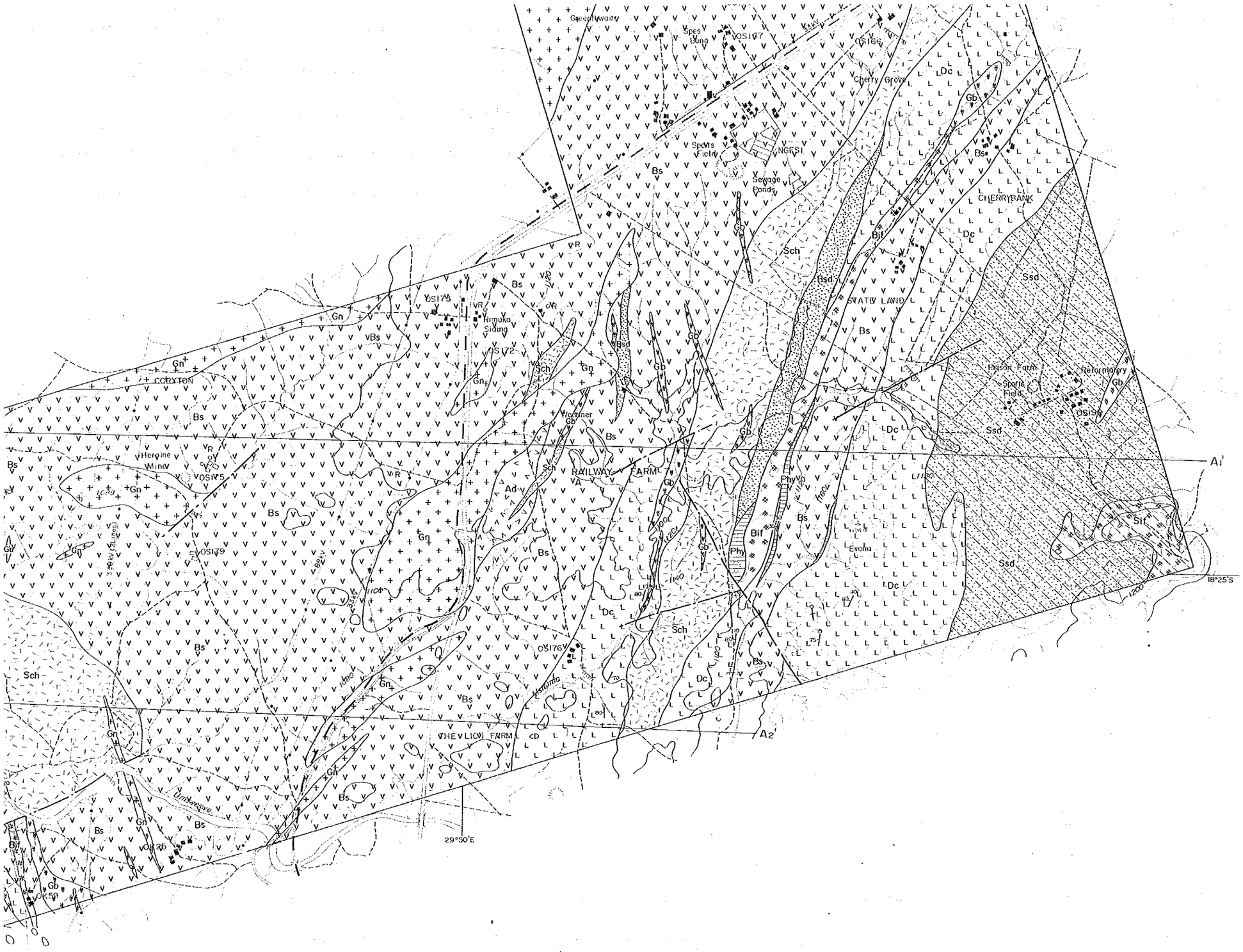
Line of Cross Section

Dip, Strike

Mine dump



A1
A1'
A2
A2'
18°25'S
29°50'E
CORYTON
Heroine Mine
OS181
OS175
OS179
OS173
Rimuka Siding
OS172
RAILWAY FARM
OS176
BENTLEY 7
OK82
OK58
OK83
OK57
OK59
OK26
Rise Up Mine
OS167
OS166
Cherry Grove
NGESI
Sewage Ponds
STATE LAND
CHERRYBANK
Prison Farm
Reformatory
Sports Field
OS198
Evona
Gn
Bs
vBs
Bsv
Sch
Gb
Bif
Dc
Bsd
Ssd
Sif
Phy
Ad
33 kV
88 kV
330 kV (2 Lines)
1200



Intrusive Rocks
- Silicified zone
- Qt — Quartz vein
- Um — Ultramafic rock
- Gb — Gabbro ~ Dolerite
- Qp — Quartz porphyry
- Gn — Granite, Gneiss

Shamvaian Group
- Sif — Banded iron formation
- Ssd — Arkose sandstone, Conglomerate

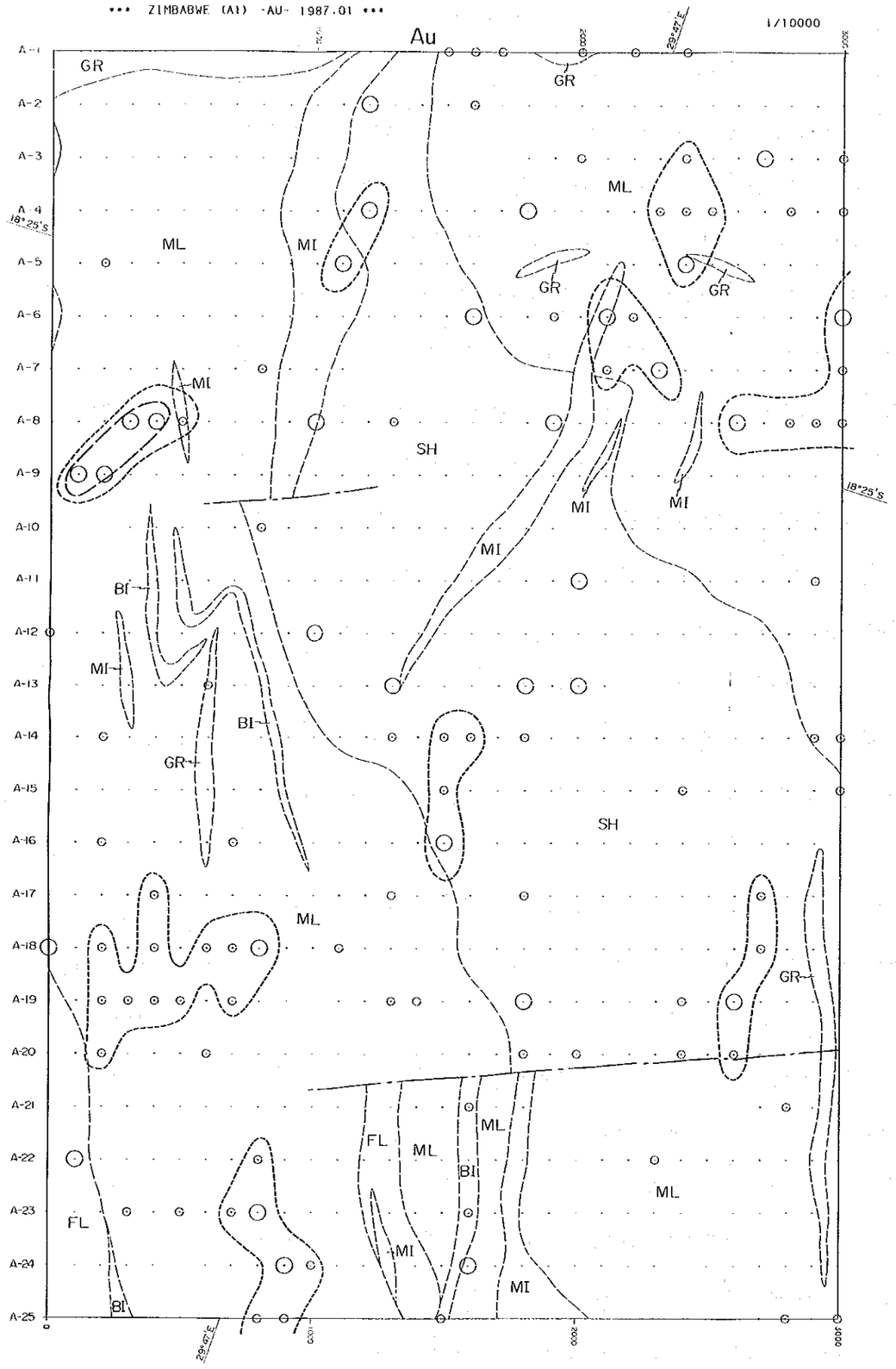
Middle ~ Upper Bulawayan Group
- Bif — Banded iron formation
- Phy — Phyllite, Silt
- Bsd — Arkose sandstone, Conglomerate
- Dc — Dacite ~ Rhyolite
- Sch — Sericite quartz schist
- Ad — Andesite
- Bs — Basalt

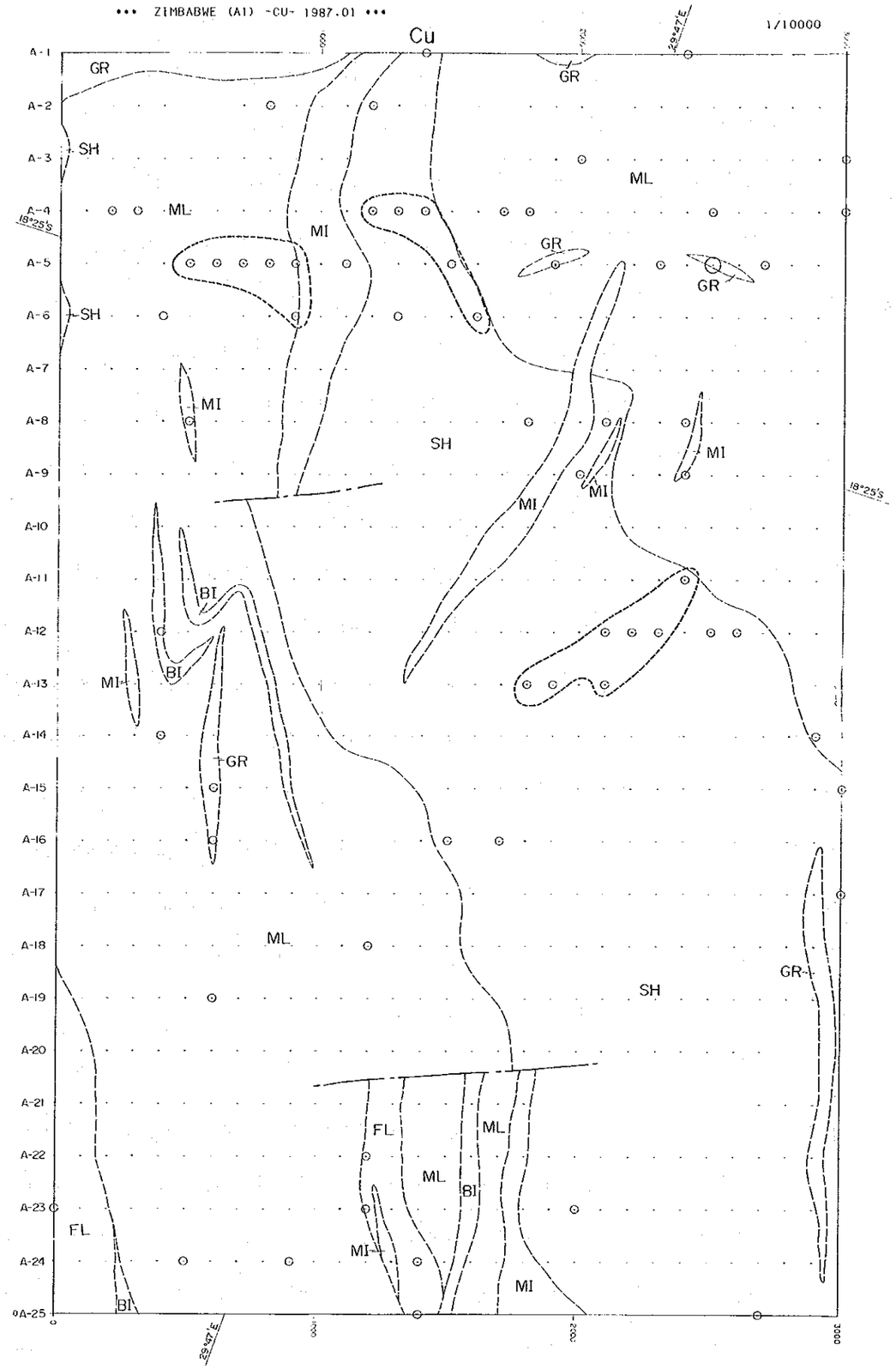
Fault

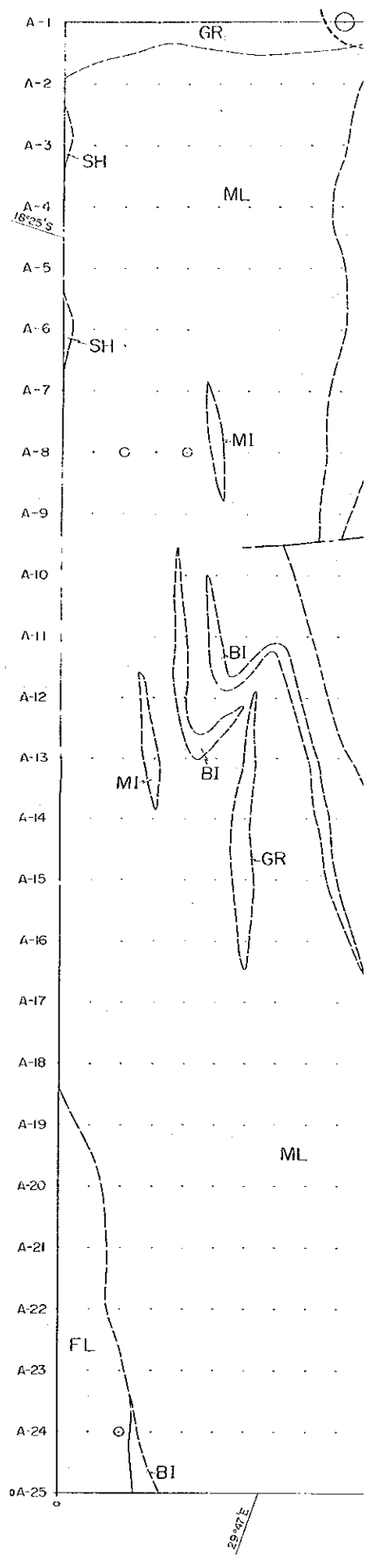
A — A' Line of Cross Section

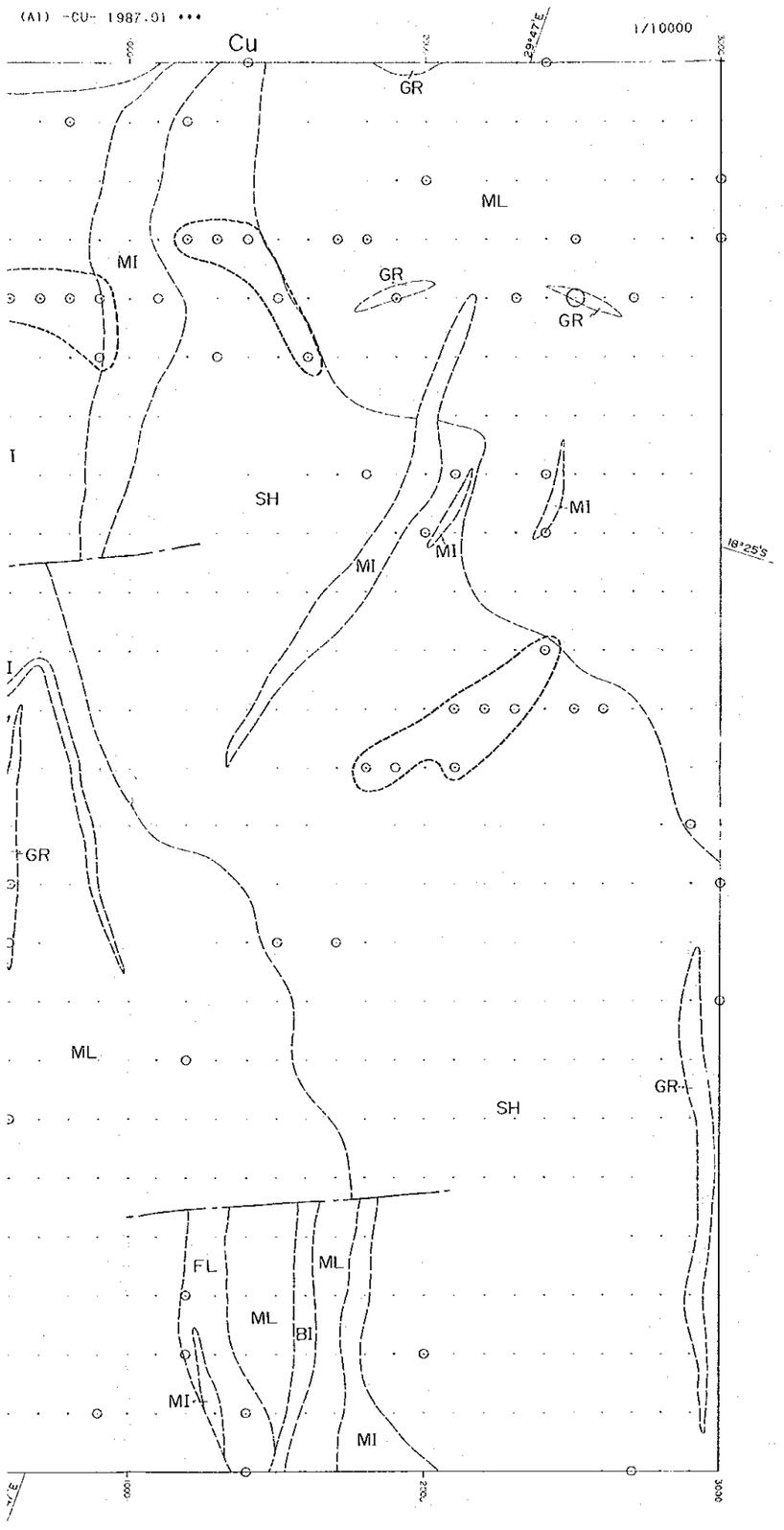
Dip, Strike

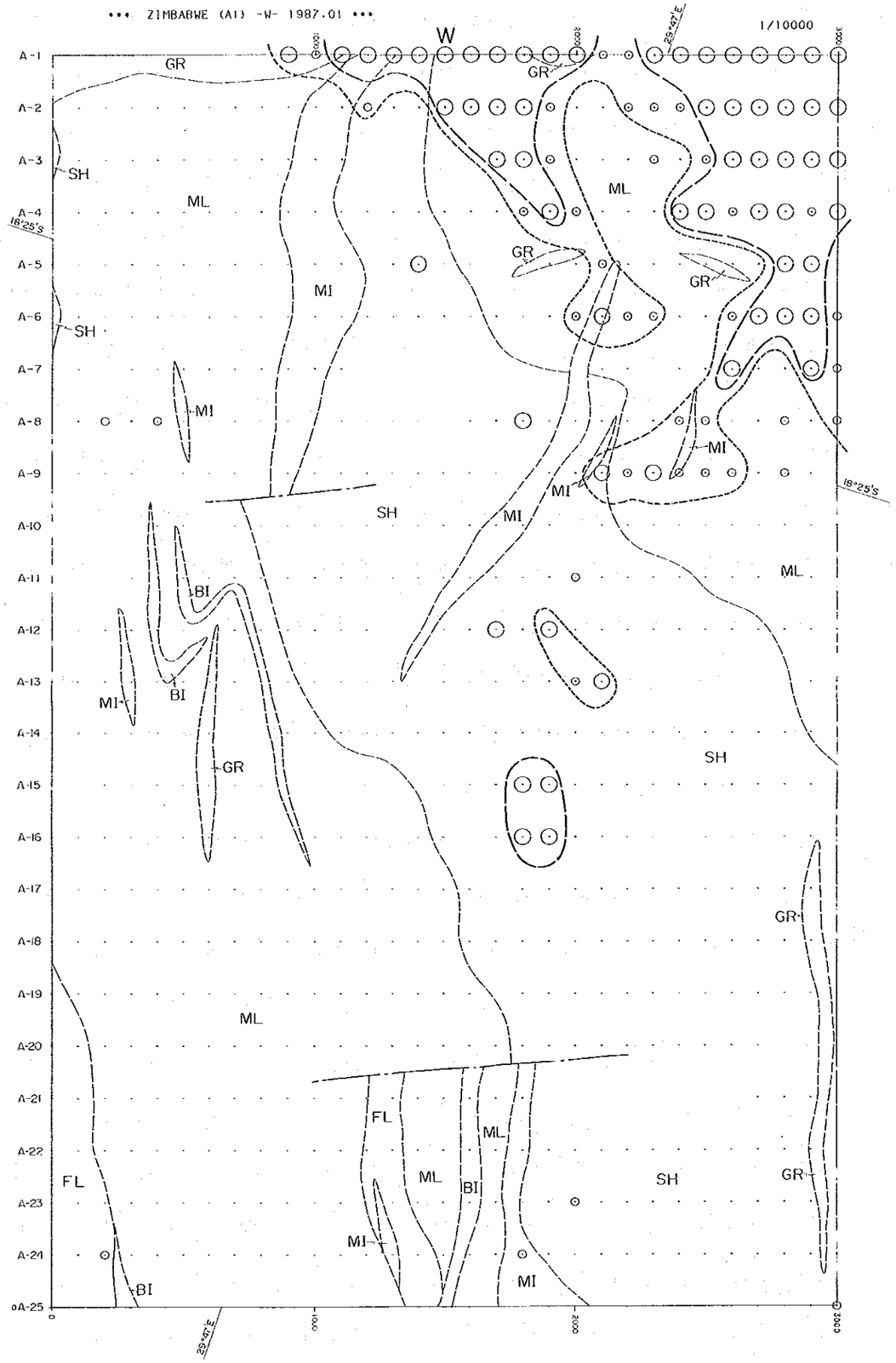
Mine dump


••• ZIMBABWE (A1) -AU- 1987.01 •••
Au
1/10000
29°47'E
18°25'S
GR
ML
MI
SH
BI
FL


••• ZIMBABWE (A1) -CU- 1987.01 •••
Cu
1/10000
29°47'E
18°25'S
GR
SH
ML
MI
BI
FL


••• ZIMBABWE (A1) -W- 19
GR
SH
ML
MI
BI
FL

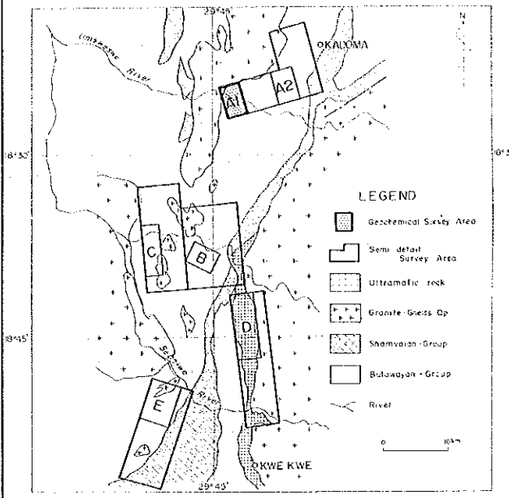




MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

PL.5-1-2

Geochemical Anomaly Map of Au,Cu,W in Area A-1



Scale 1:10,000

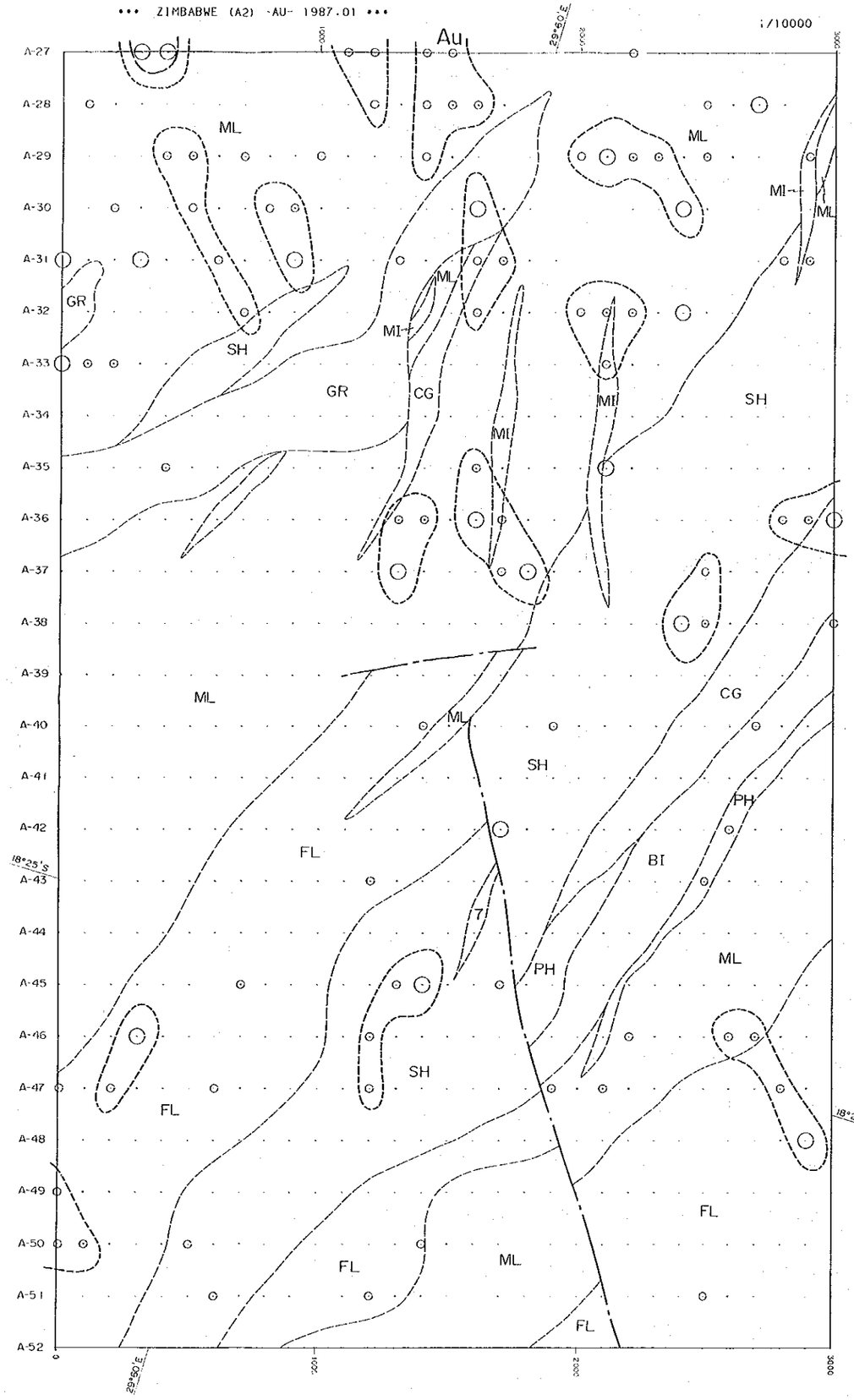
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

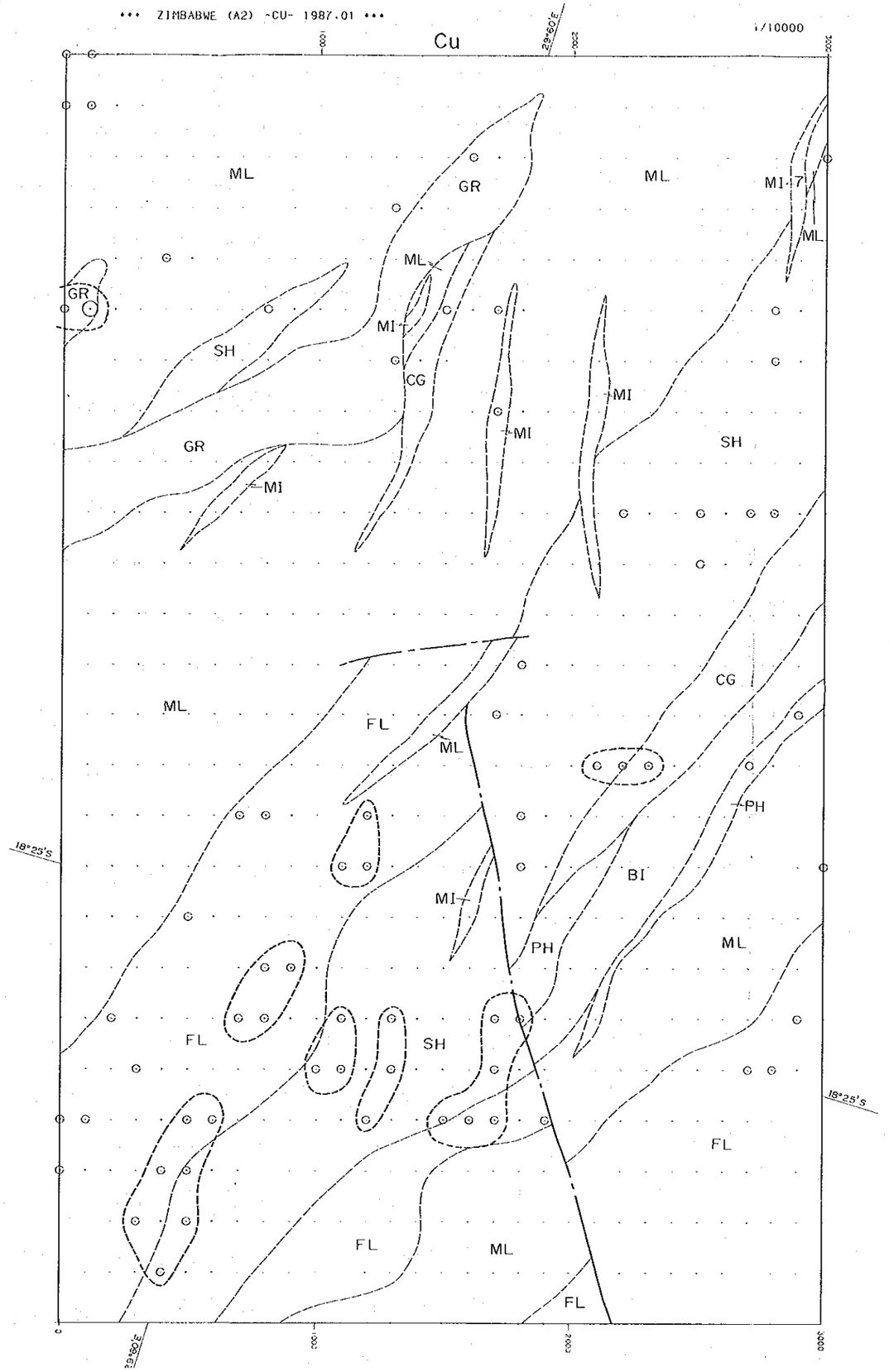
February 1987

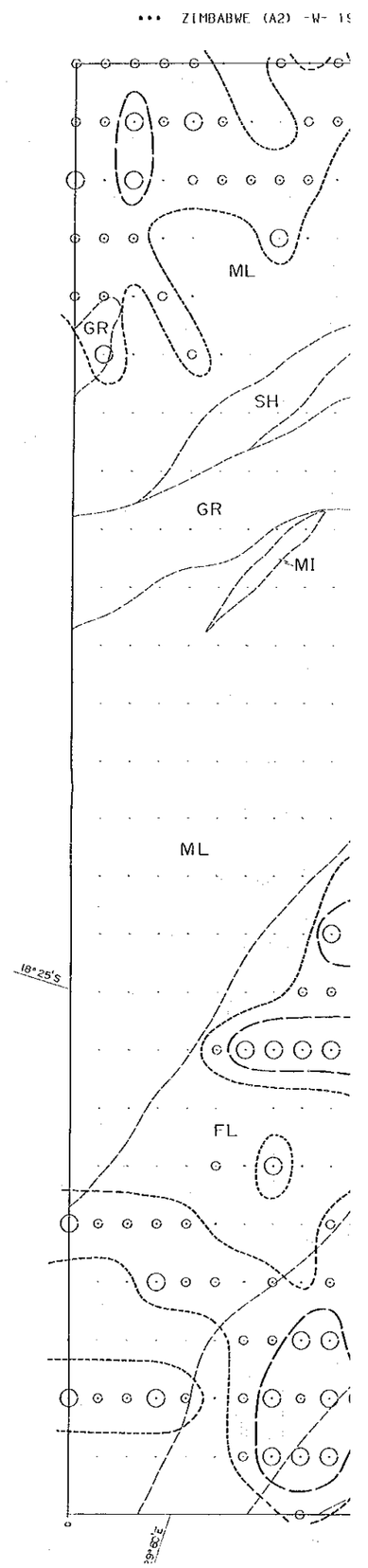
LEGEND

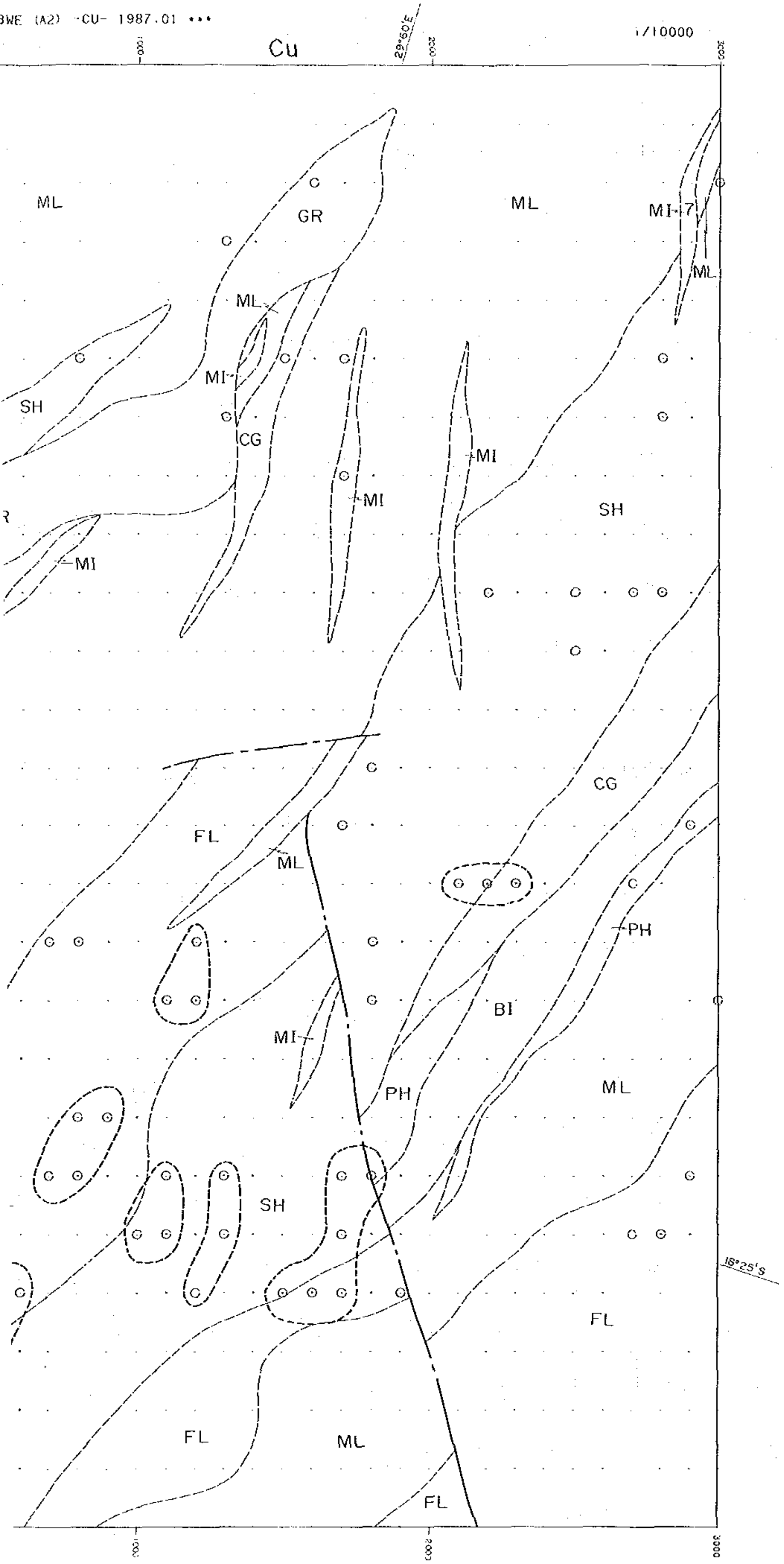
- Geologic boundary
- Anomalous Zone over + σ
- Anomalous Zone over + 2σ
- A-1·E-1 Survey line number

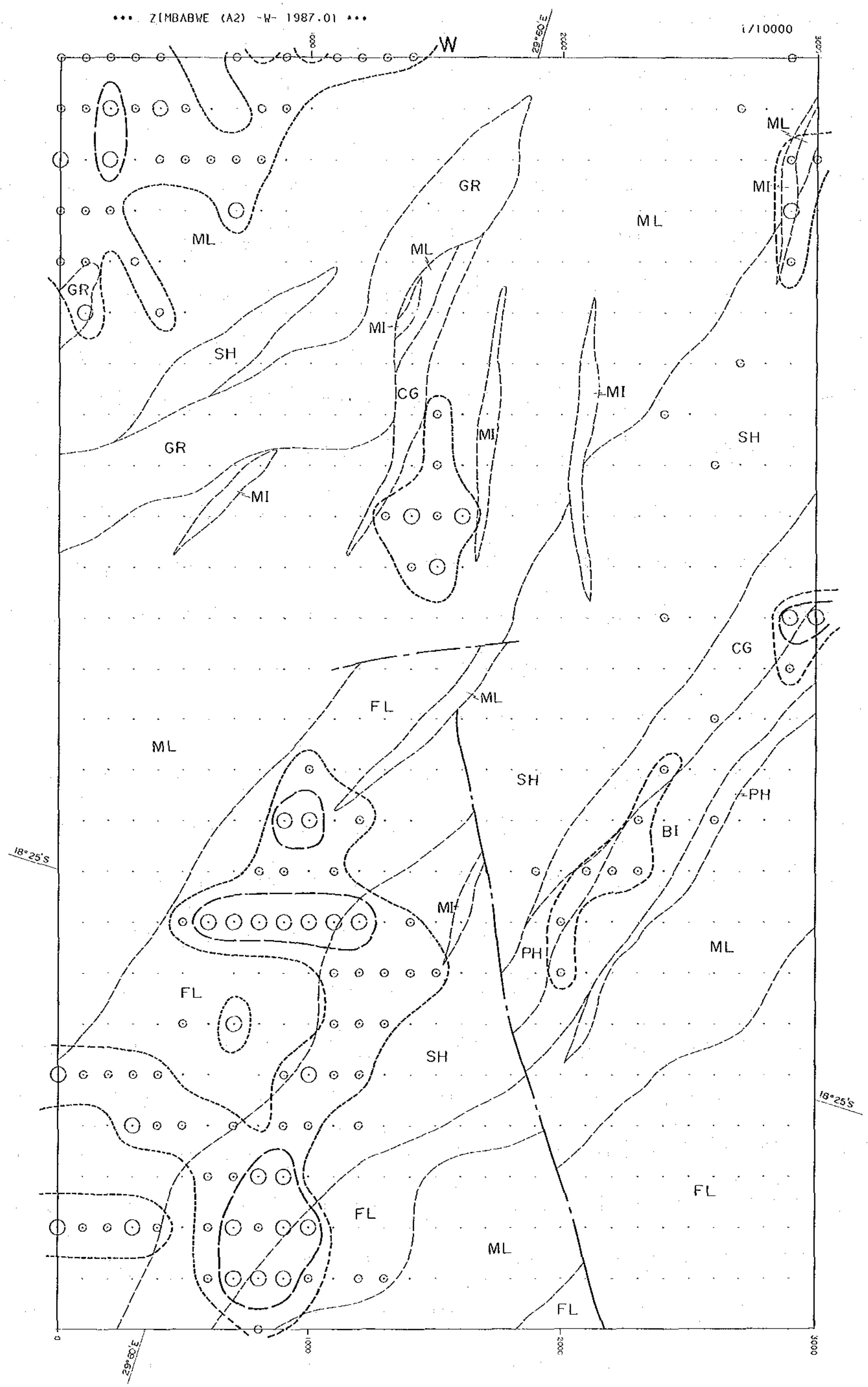
	Symbol	Rock type
1	ML	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate ~ Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic ~ Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	—	
11	SH	Quartz-sericite schist


••• ZIMBABWE (A2) -AU- 1987.01 •••
Au
1/10000
29°50'E
A-27
A-28
A-29
A-30
A-31
A-32
A-33
A-34
A-35
A-36
A-37
A-38
A-39
A-40
A-41
A-42
18°25'S
A-43
A-44
A-45
A-46
A-47
A-48
A-49
A-50
A-51
A-52
ML
GR
SH
MI
CG
FL
PH
BI
0
1000
2000
3000


••• ZIMBABWE (A2) -CU- 1987.01 •••
Cu
1/10000
29°50'E
18°25'S
ML
GR
SH
MI
CG
FL
PH
BI
0
1000
2000
3000


••• ZIMBABWE (A2) -W- 19
18°25'S
ML
GR
SH
MI
FL
0

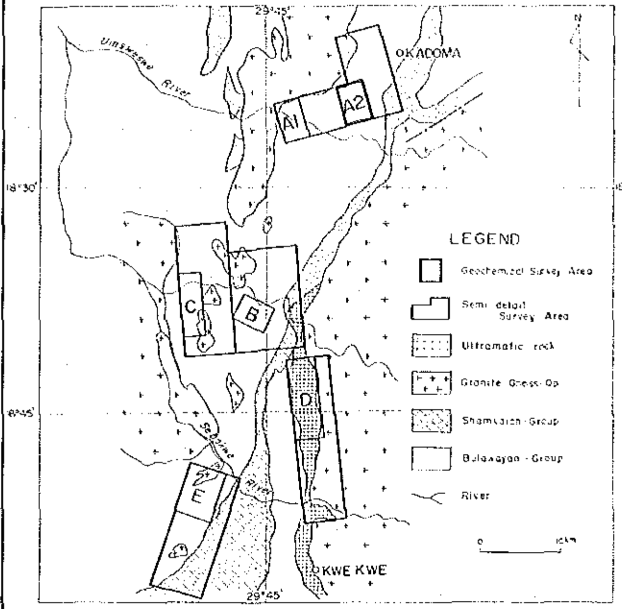




PL 5-1-3

MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

Geochemical Anomaly Map of
Au,Cu,W in Area A-2



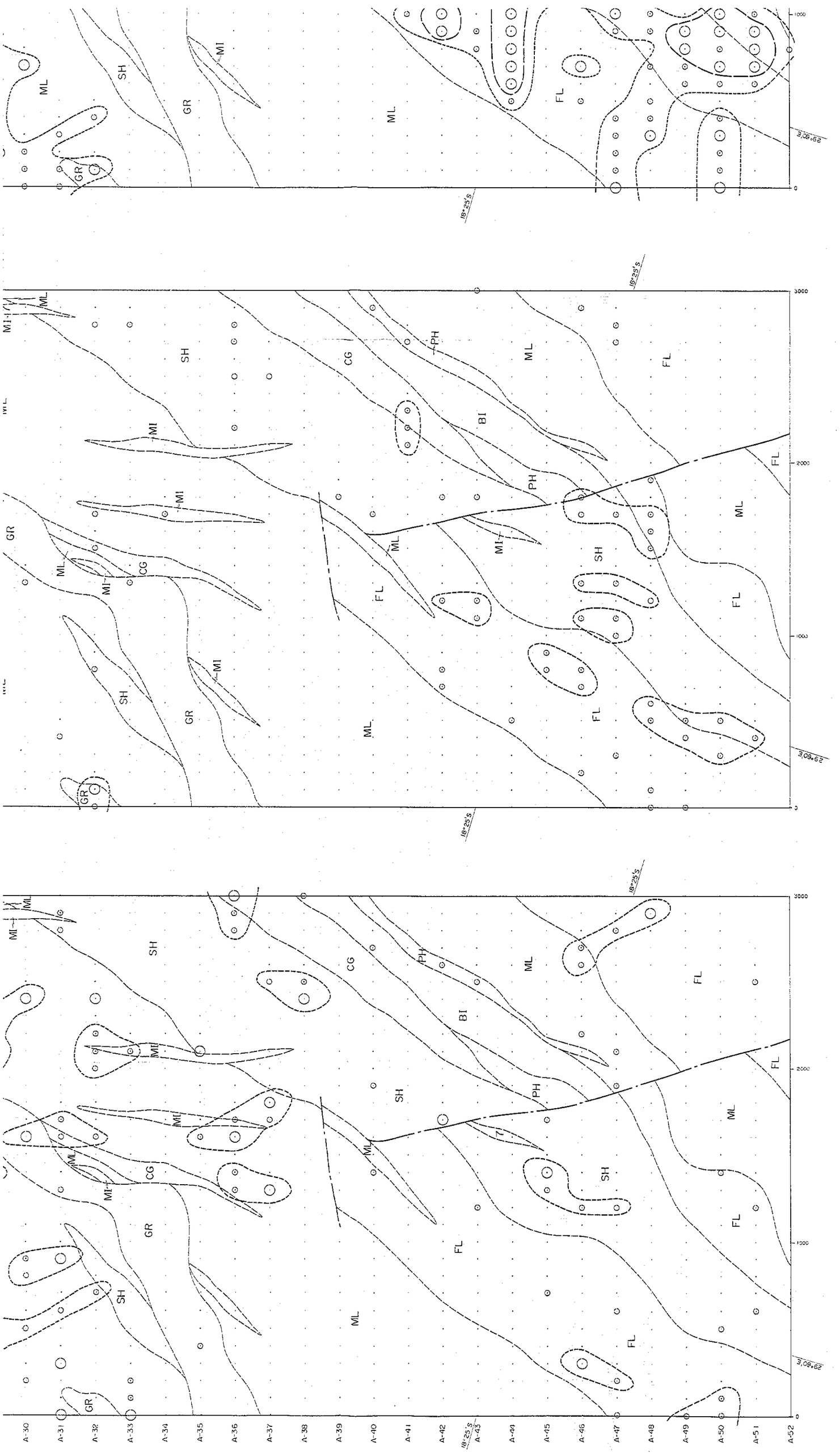
0 500 1000m
Scale 1:10,000

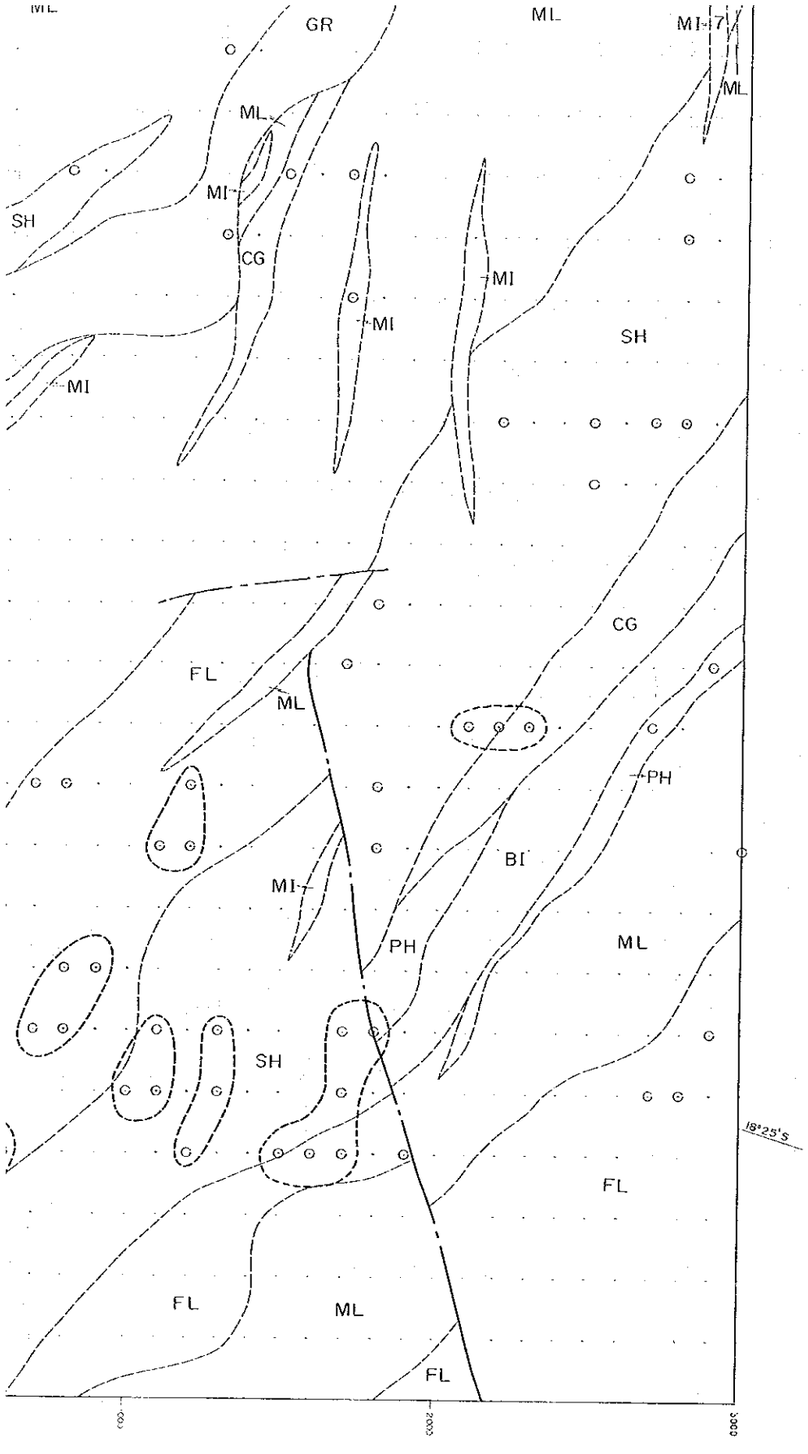
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987

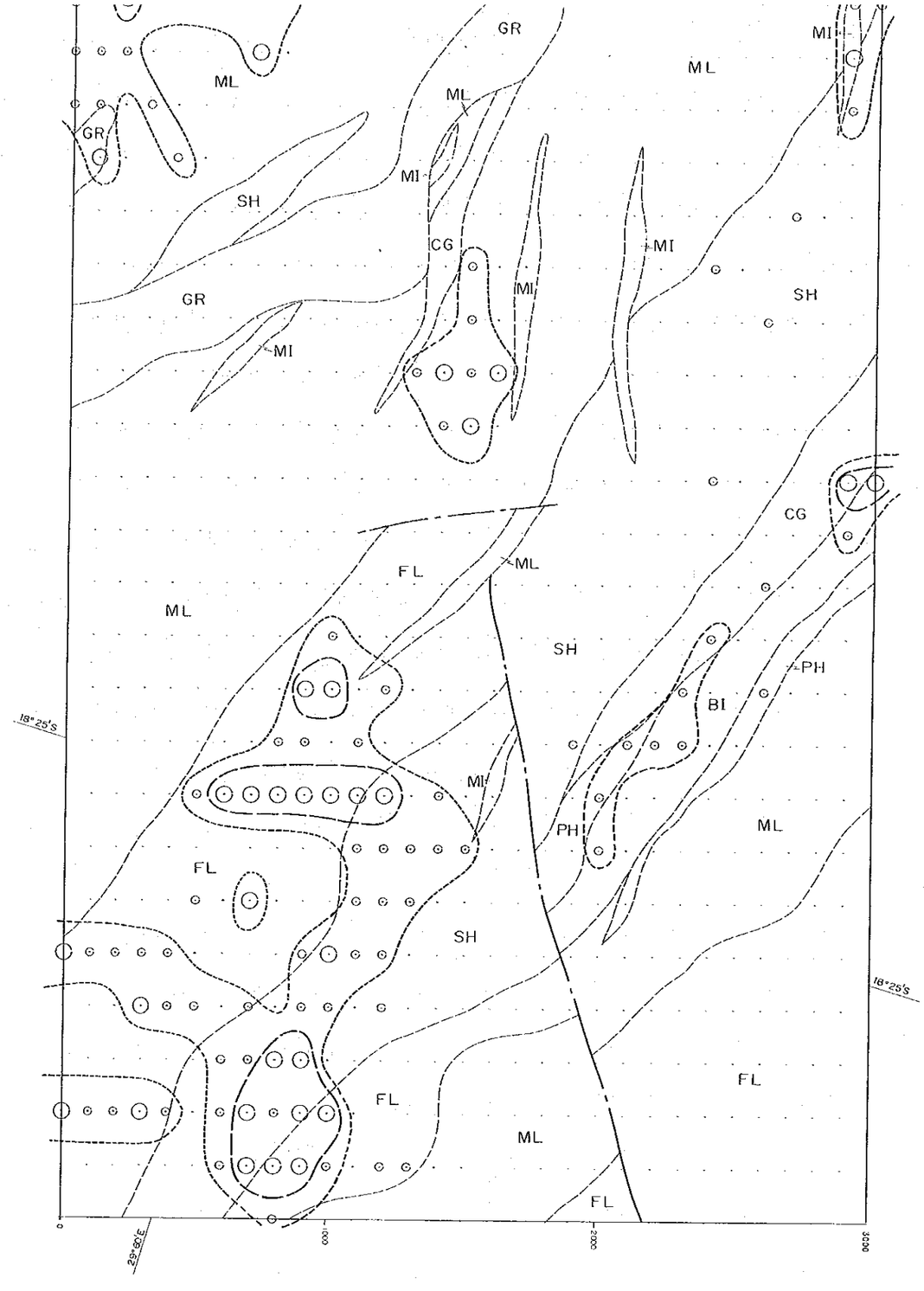
LEGEND

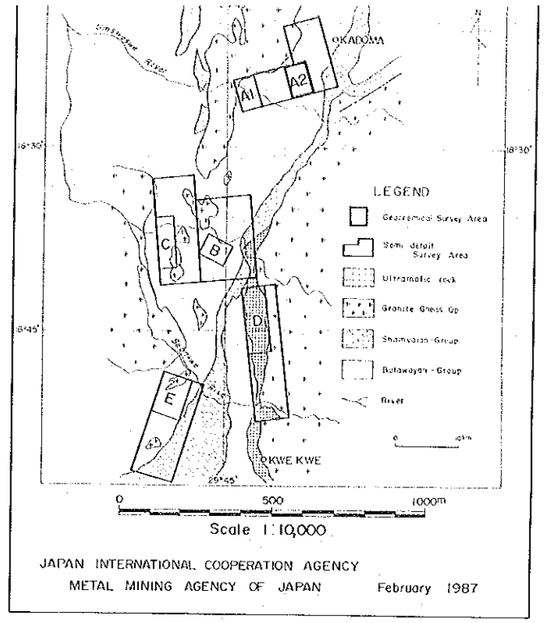
Geologic boundary
Anomalous Zone over + σ
Anomalous Zone over + 2σ
A-1·E-1 Survey line number

	Symbol	Rock type
1	ML	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate ~ Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic ~ Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	—	
11	SH	Quartz - sericite schist


A-30
A-31
A-32
A-33
A-34
A-35
A-36
A-37
A-38
A-39
A-40
A-41
A-42
A-43
A-44
A-45
A-46
A-47
A-48
A-49
A-50
A-51
A-52
18°25'S
29°60'E
3000
2000
1000
0
ML
MI
SH
GR
CG
PH
BI
FL







JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987

LEGEND

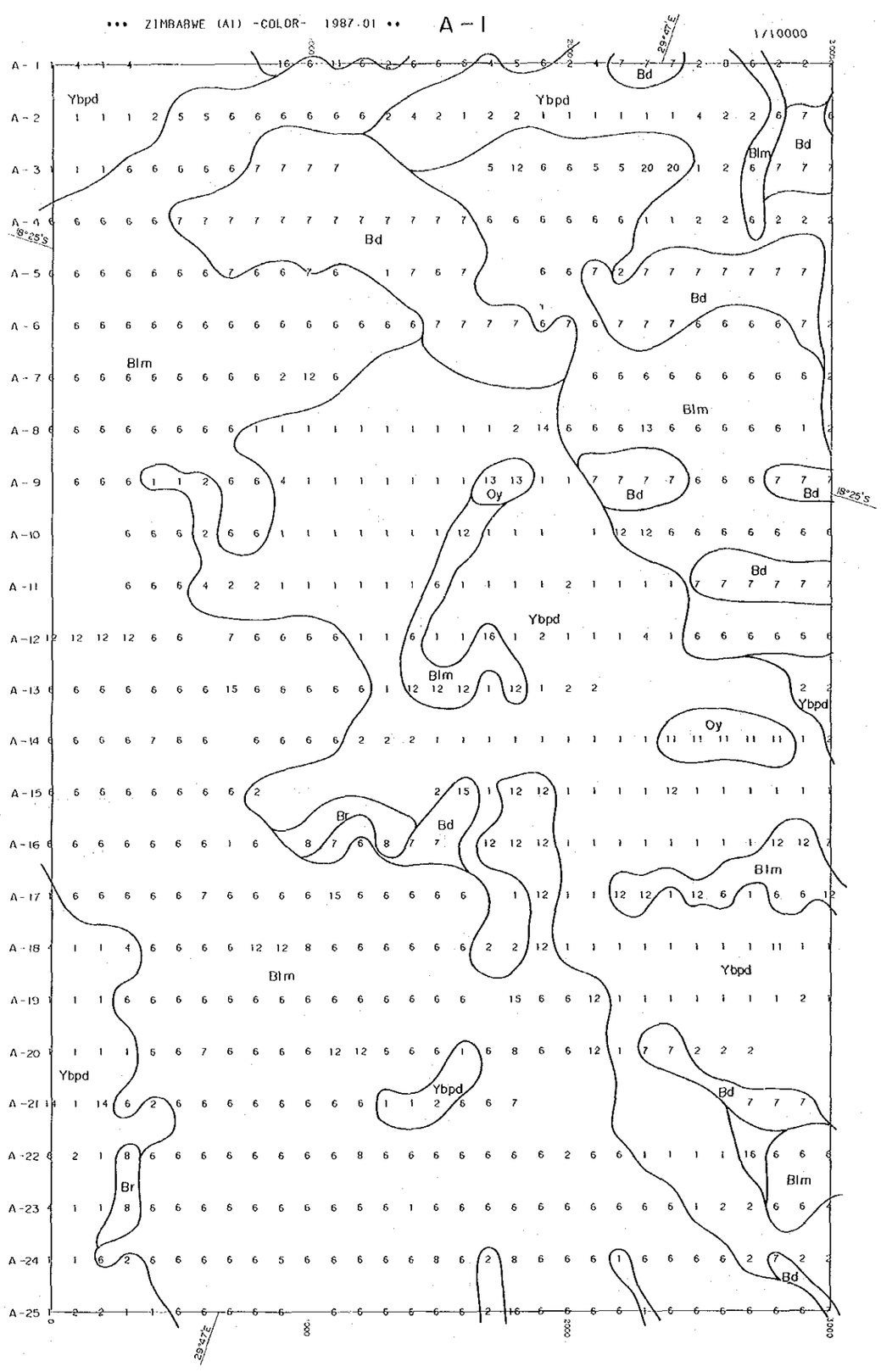
Geologic boundary

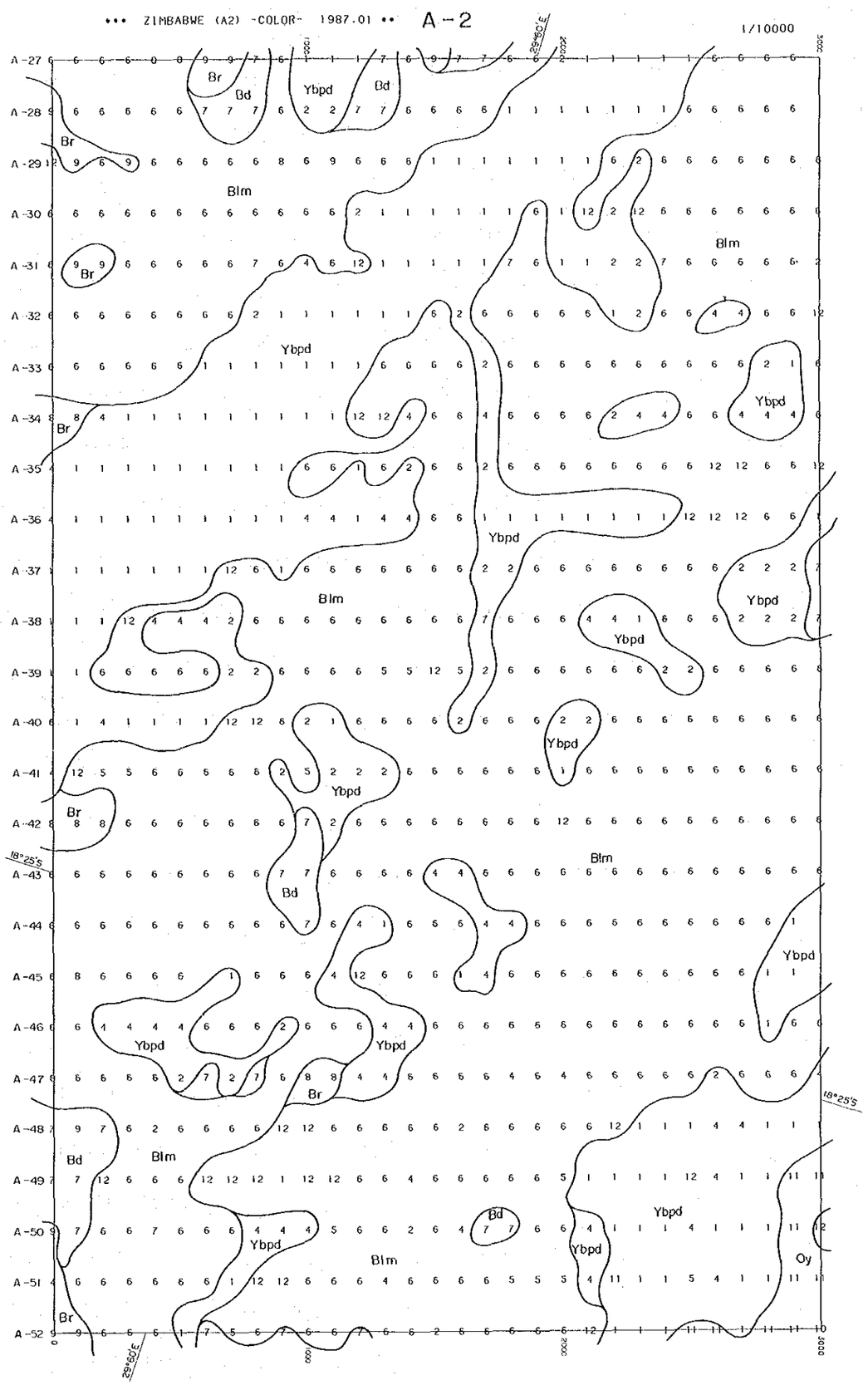
Anomalous Zone over + σ

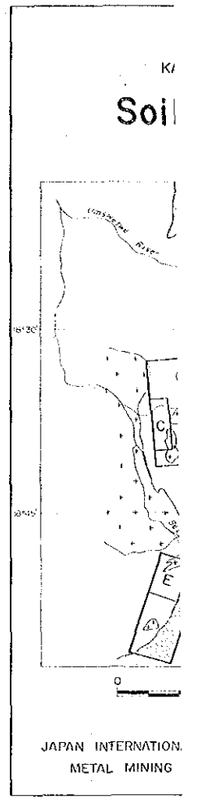
Anomalous Zone over + 2σ

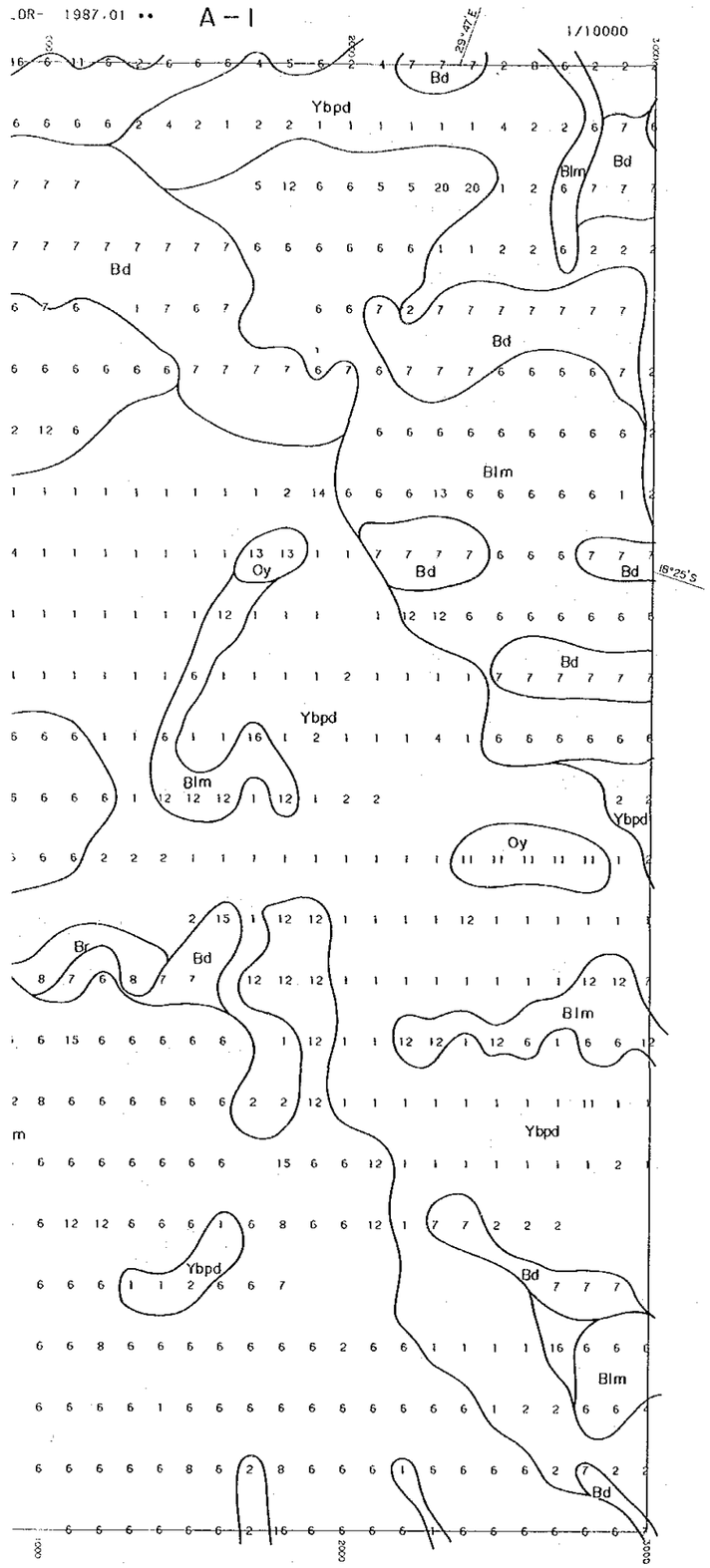
A-1·E-1 Survey line number

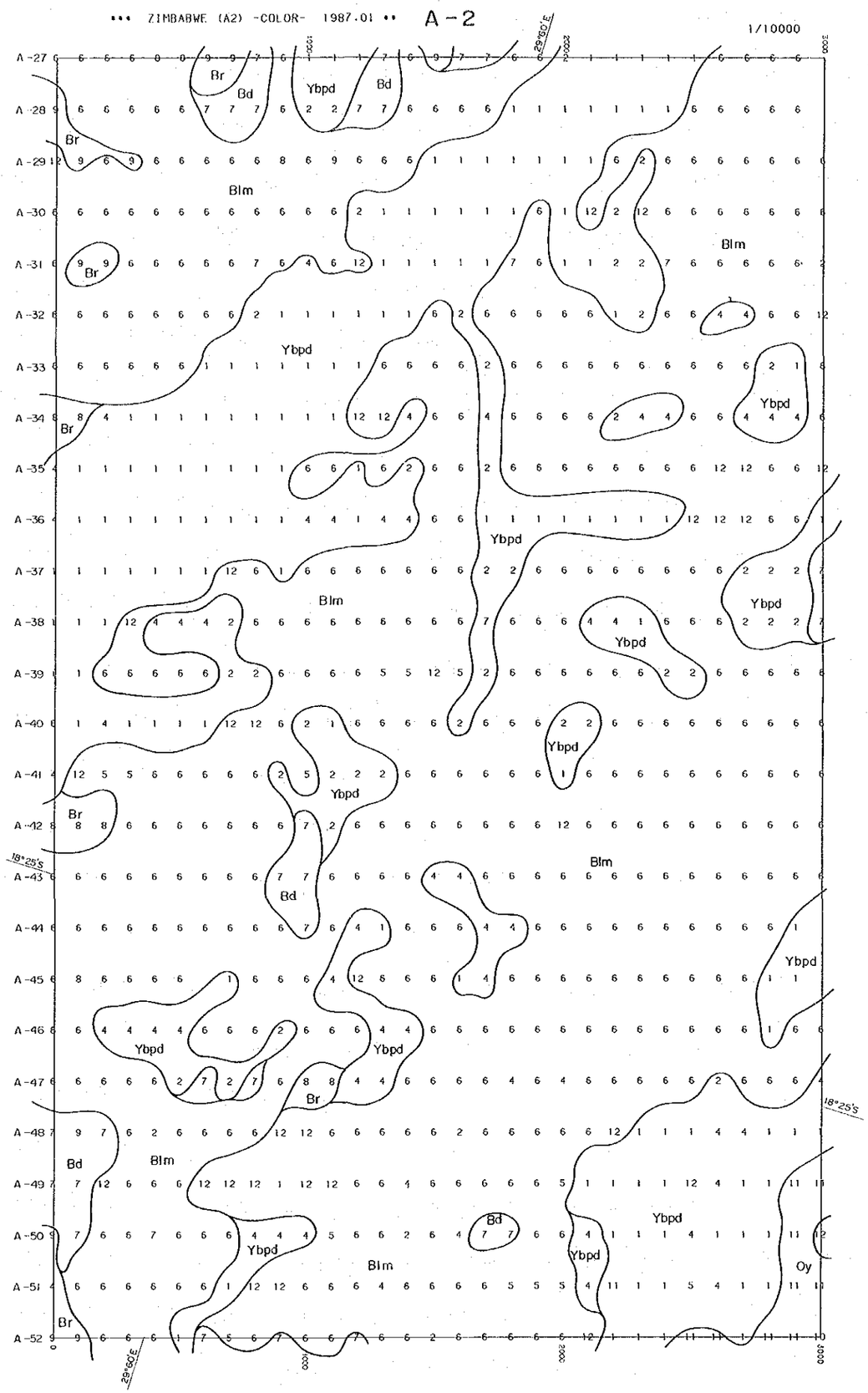
	Symbol	Rock type
1	ML	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate~Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic~Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	—	
11	SH	Quartz-sericite schist

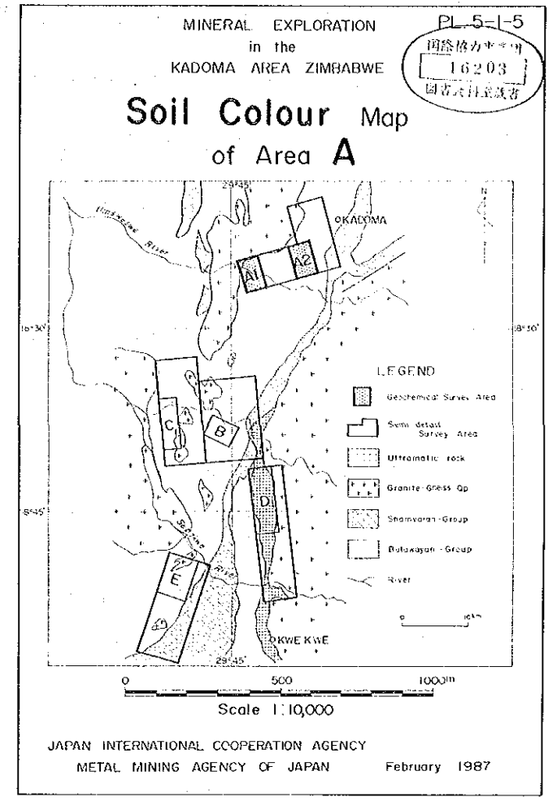

••• ZIMBABWE (A1) -COLOR- 1987.01 ••
A-1
1/10000
Ybpd
Bd
Blm
Oy
Br
18°25'S
29°42'E


••• ZIMBABWE (A2) -COLOR- 1987.01 ••
A-2
1/10000
Ybpd
Bd
Blm
Br
18°25'S
29°56'E


Soil
JAPAN INTERNATION
METAL MINING
Abbreviation
Ybpd
Ybds
Blm
Bd
Br
Oy
Bg





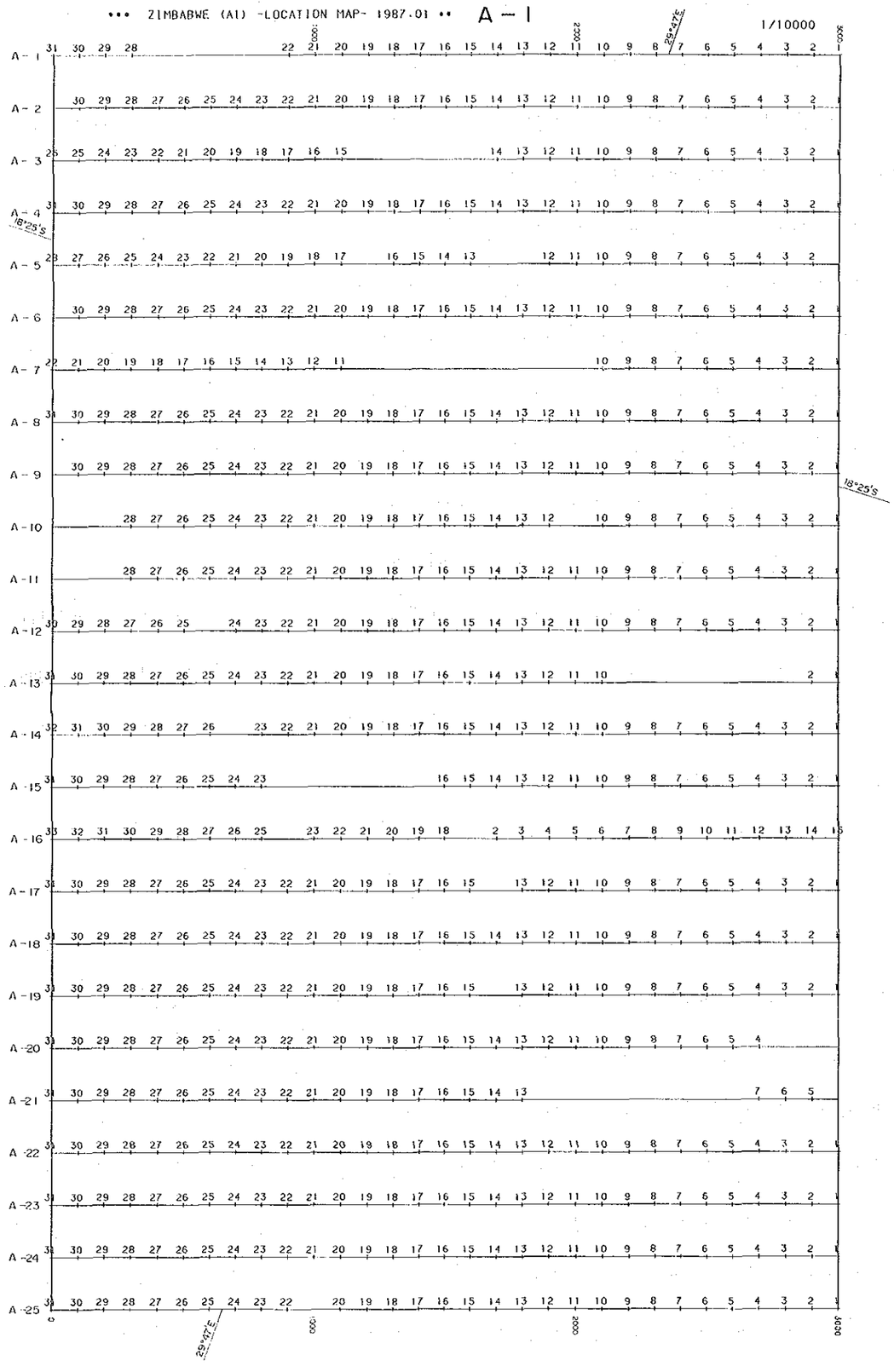


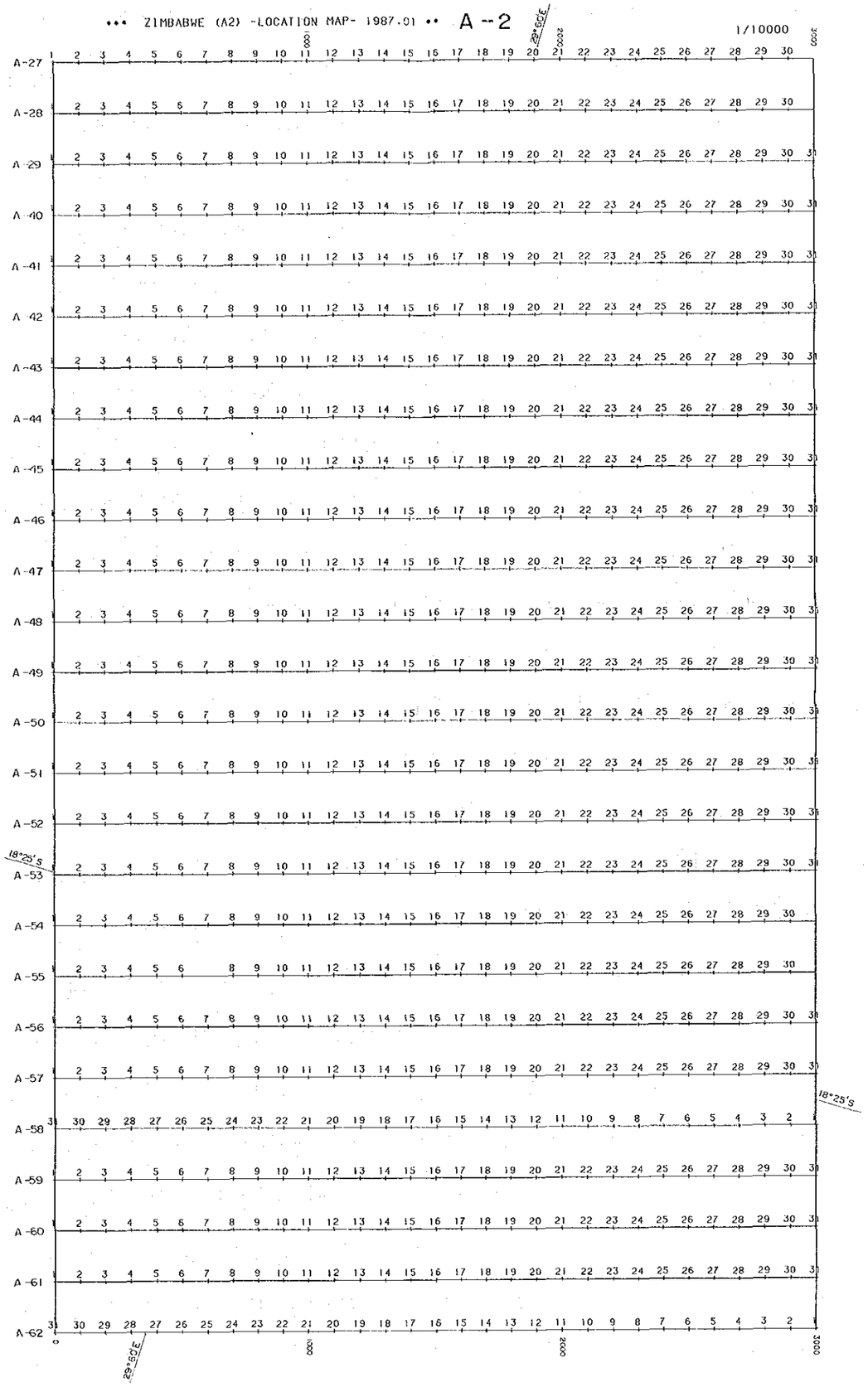
LEGEND

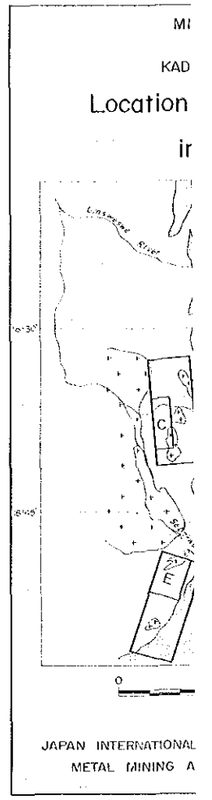
Colour Code

1	Pale yellowish brown
2	Dark yellowish brown
3	Dusky yellowish brown
4	Medium yellowish brown
5	Light brown
6	Medium brown
7	Dark brown
8	Medium reddish brown
9	Dark reddish brown
10	Dark yellowish orange
11	Grayish orange
12	Light brown
13	Very pale orange
14	Medium orange pink
15	Pale brown
16	Grayish brown
17	Dusky brown

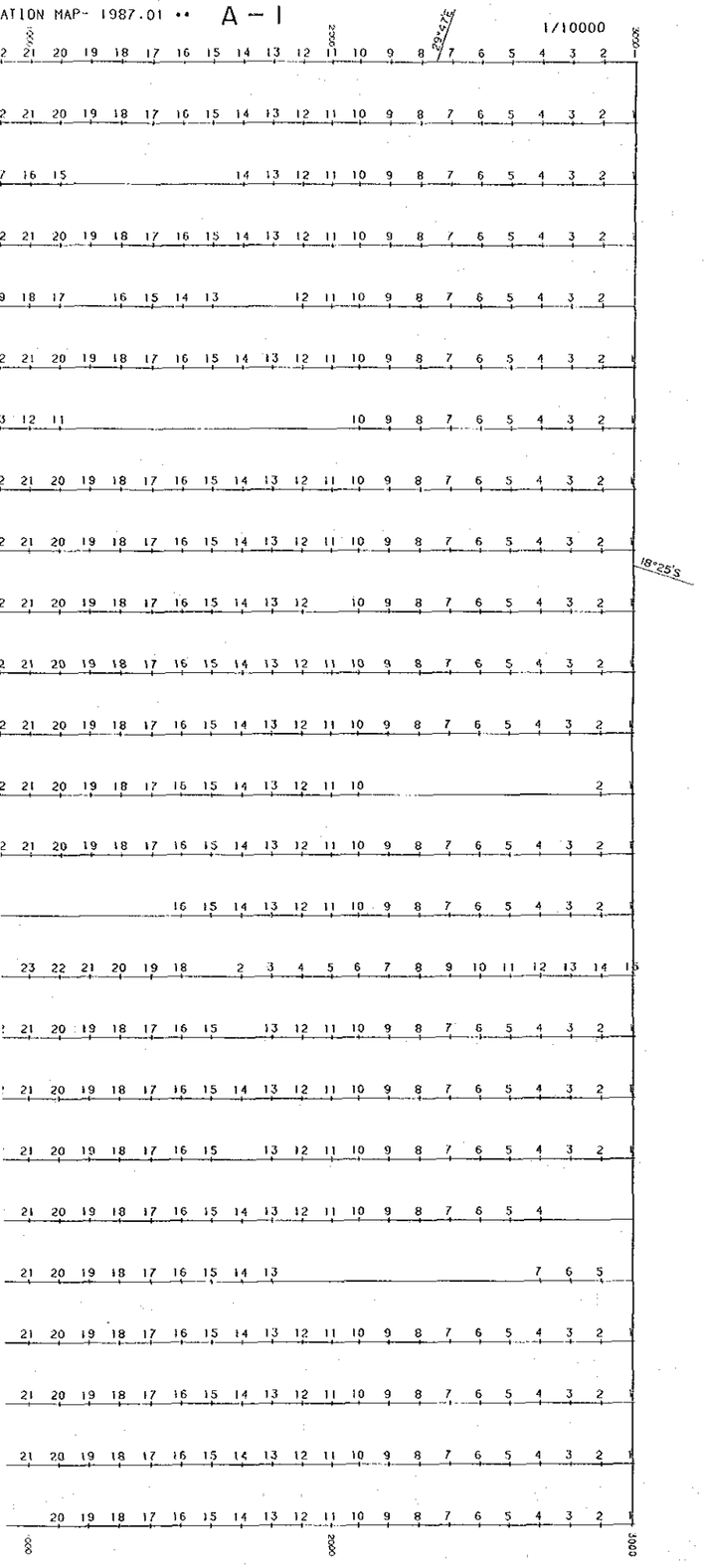
Abbreviation	Color Tint	Code Group
Ybpd	Pale-Dark yellowish brown	1, 2, 4
Ybds	Dusky yellowish brown	3
Blm	Light-Moderate brown	5, 6, 12
Bd	Dark brown	7, 17
Br	Reddish brown	8, 9
Oy	Yellowish orange	10, 11, 13, 14
Bg	Grayish brown	15, 16


••• ZIMBABWE (A1) -LOCATION MAP- 1987.01 •• A — 1
1/10000
18°25'S
29°47'E
0
1000
2000
3000

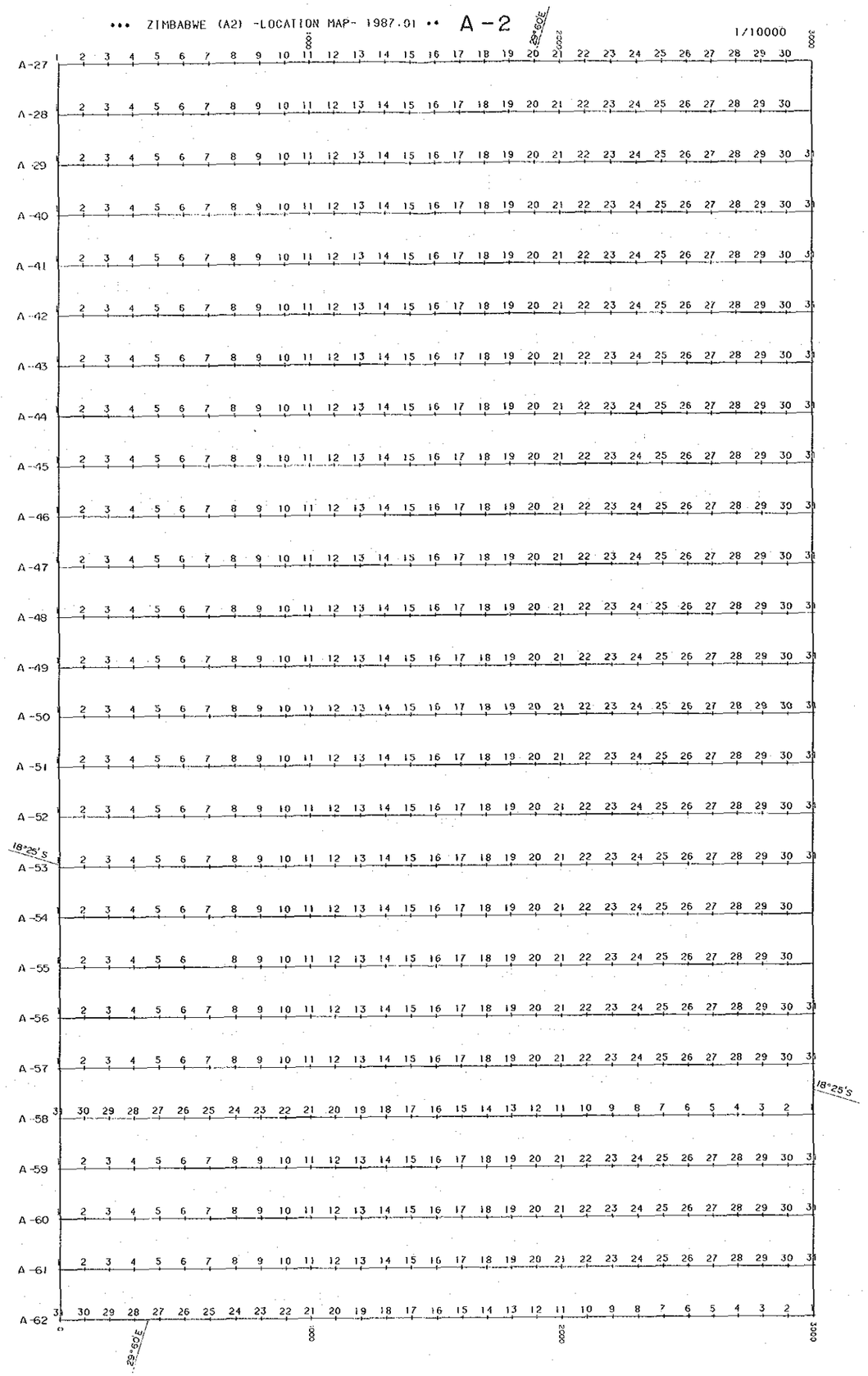

••• ZIMBABWE (A2) -LOCATION MAP- 1987.01 •• A — 2
1/10000
18°25'S
29°50'E
0
1000
2000
3000


MI
KAD
Location
ir
JAPAN INTERNATIONAL
METAL MINING A

ATION MAP- 1987.01 ••

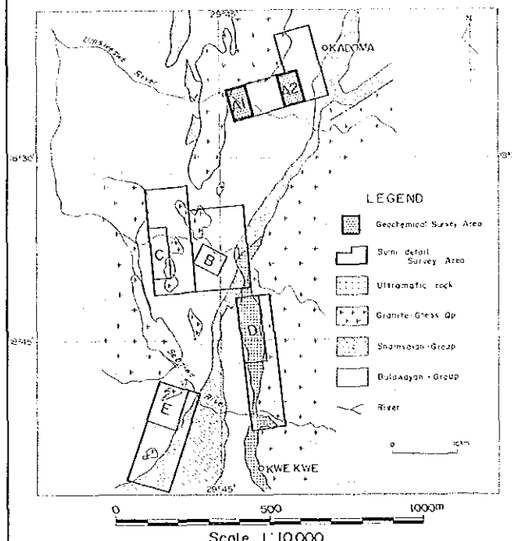


••• ZIMBABWE (A2) -LOCATION MAP- 1987.01 ••



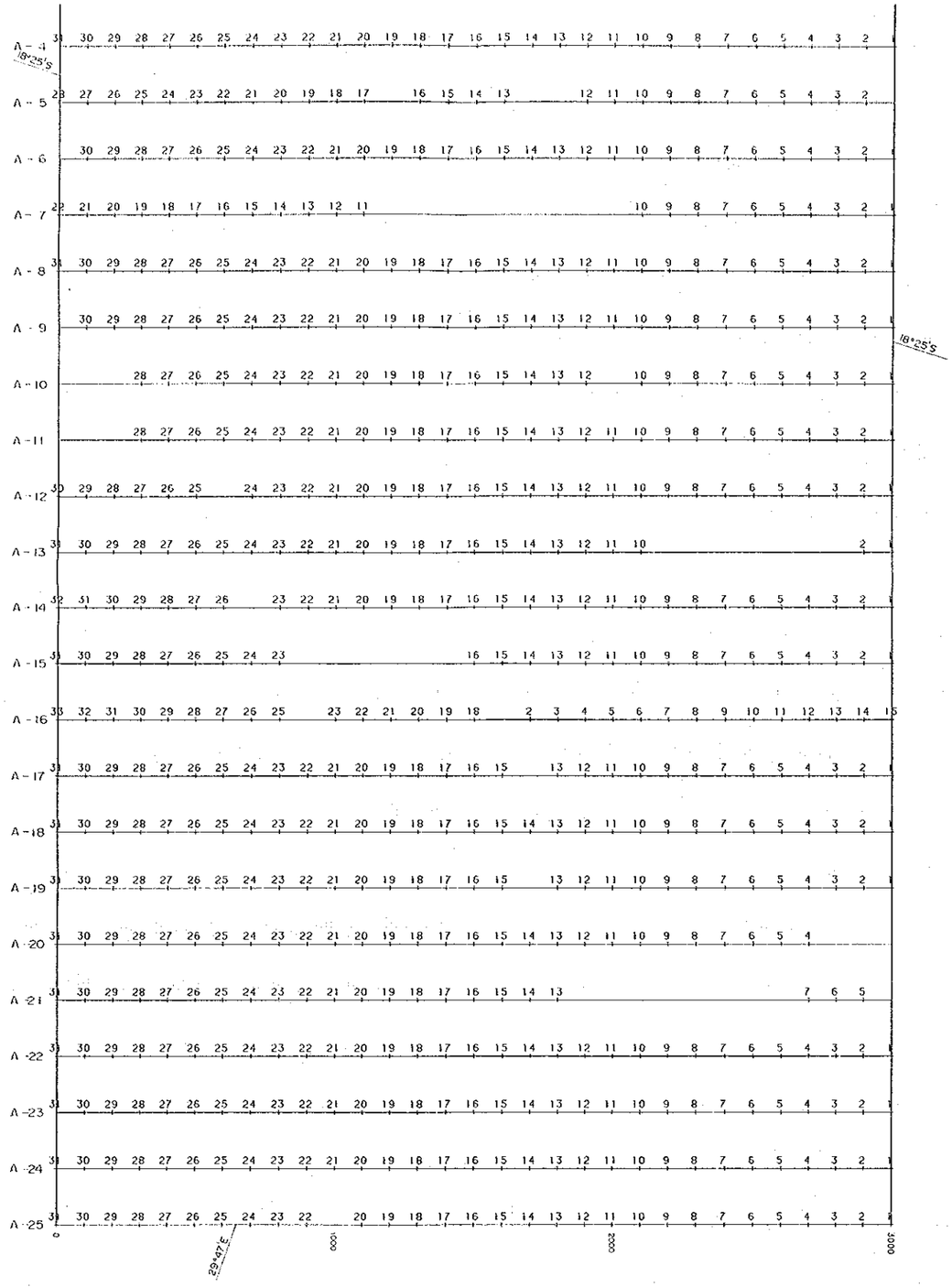
MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

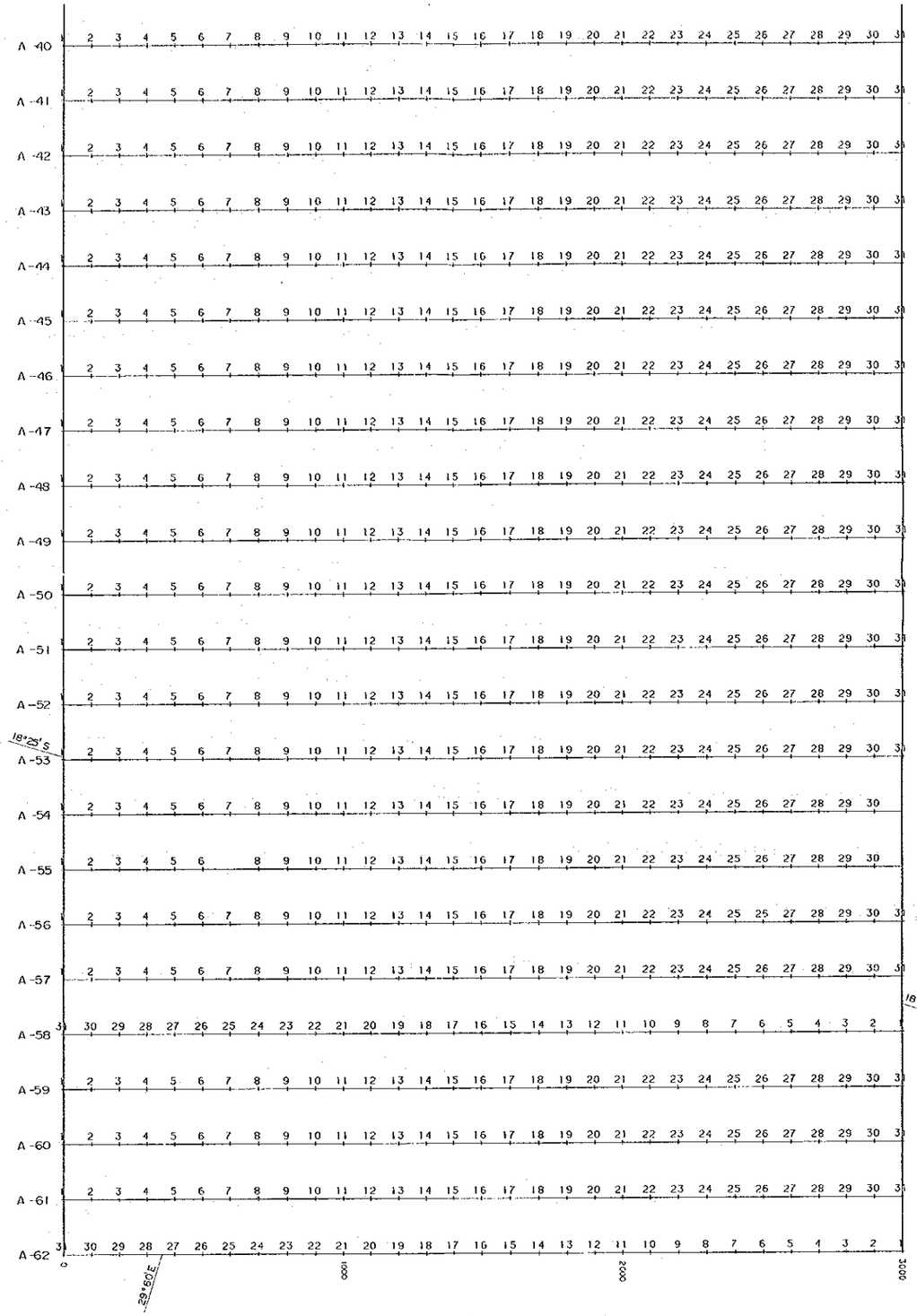
Location Map of Soil Samples in Area A

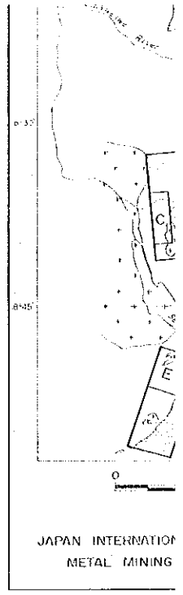


JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

February 1987


A-1
A-5
A-6
A-7
A-8
A-9
A-10
A-11
A-12
A-13
A-14
A-15
A-16
A-17
A-18
A-19
A-20
A-21
A-22
A-23
A-24
A-25
18°25'S
29°14'E
0
1000
2000
3000


A-40
A-41
A-42
A-43
A-44
A-45
A-46
A-47
A-48
A-49
A-50
A-51
A-52
A-53
A-54
A-55
A-56
A-57
A-58
A-59
A-60
A-61
A-62
18°25'S
29°60'E
0
1000
2000
3000


JAPAN INTERNATION
METAL MINING
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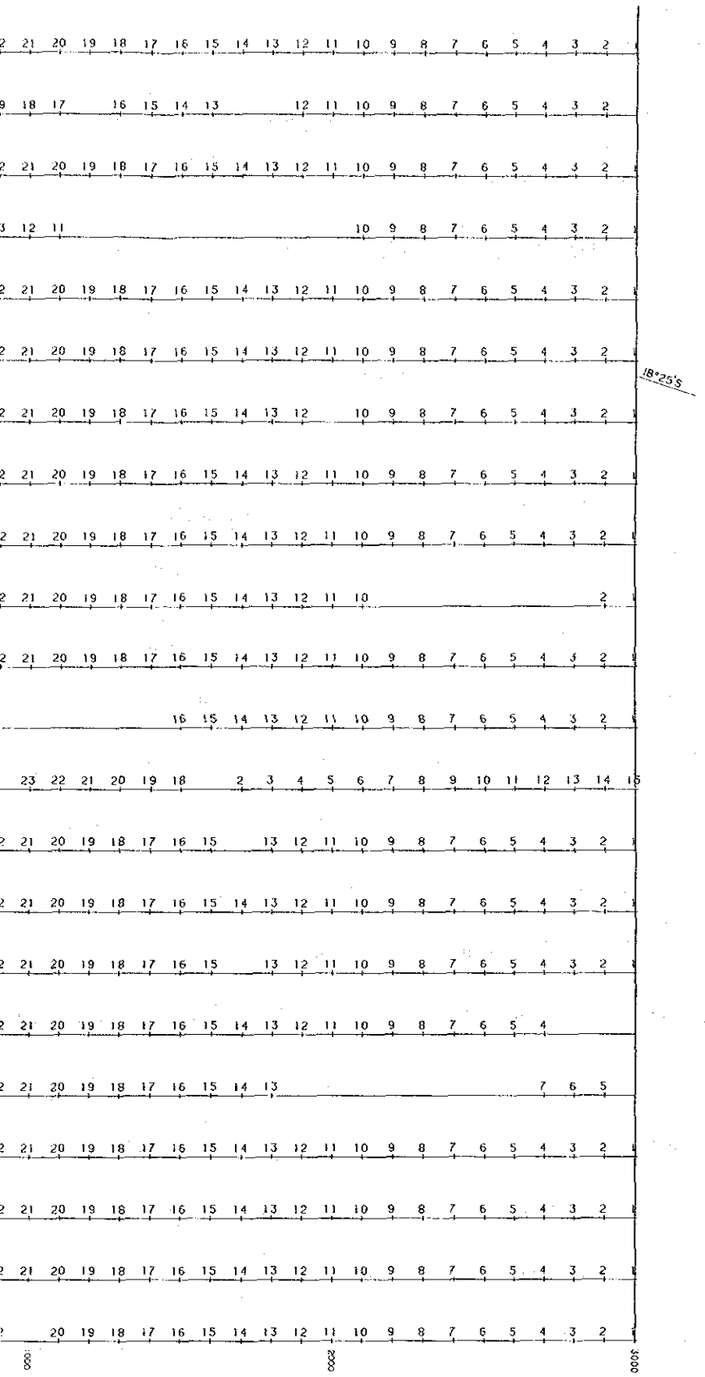
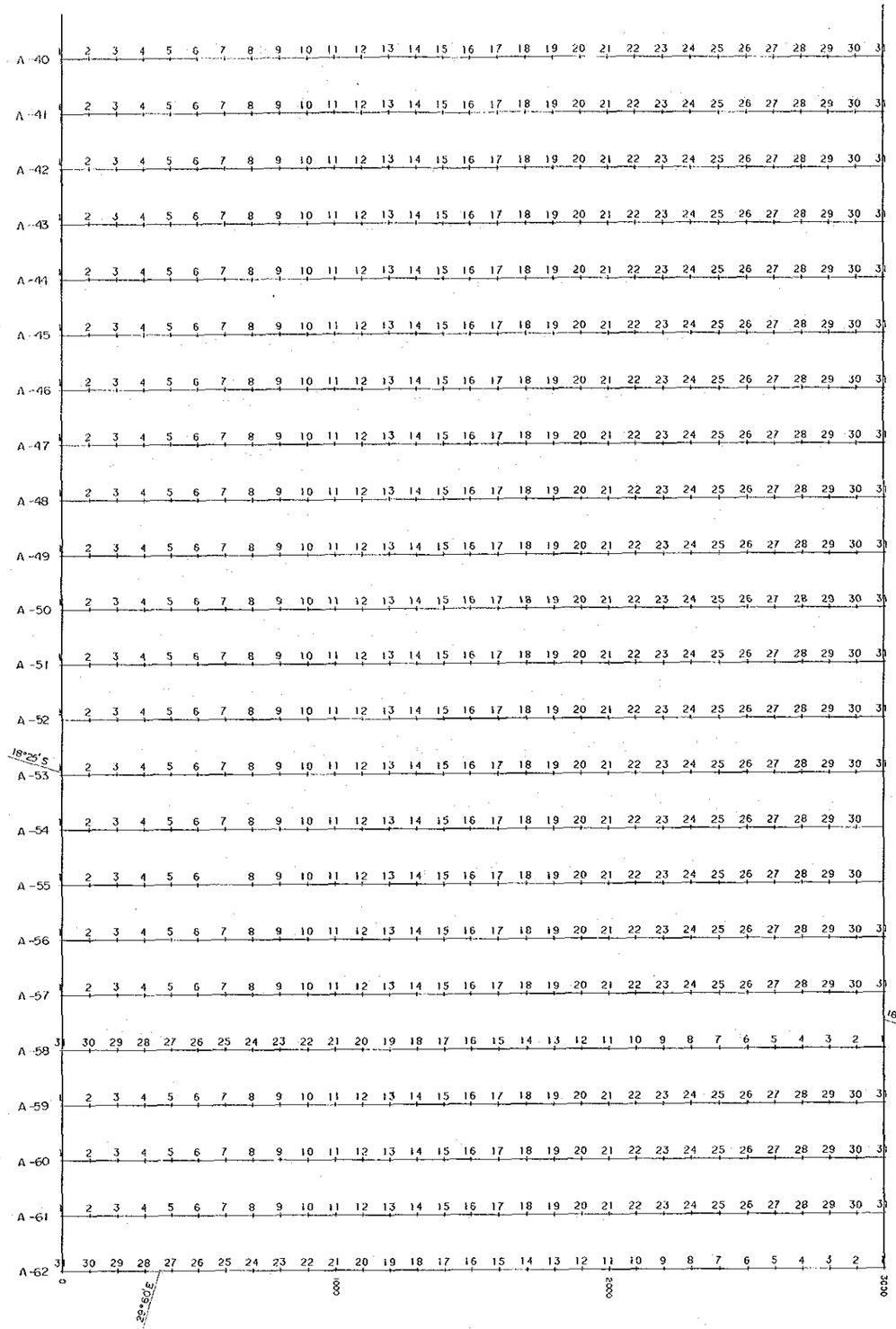
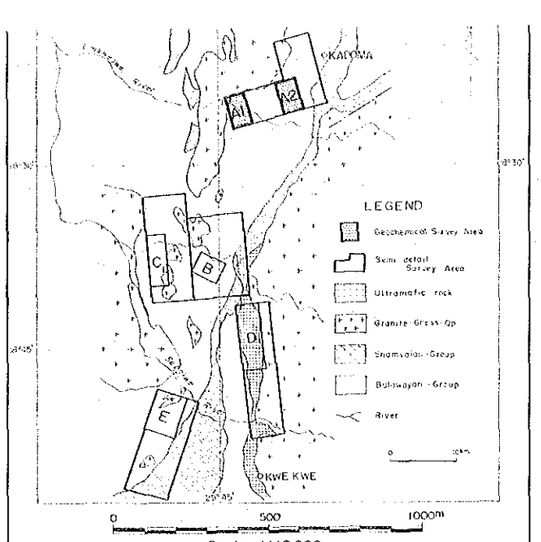
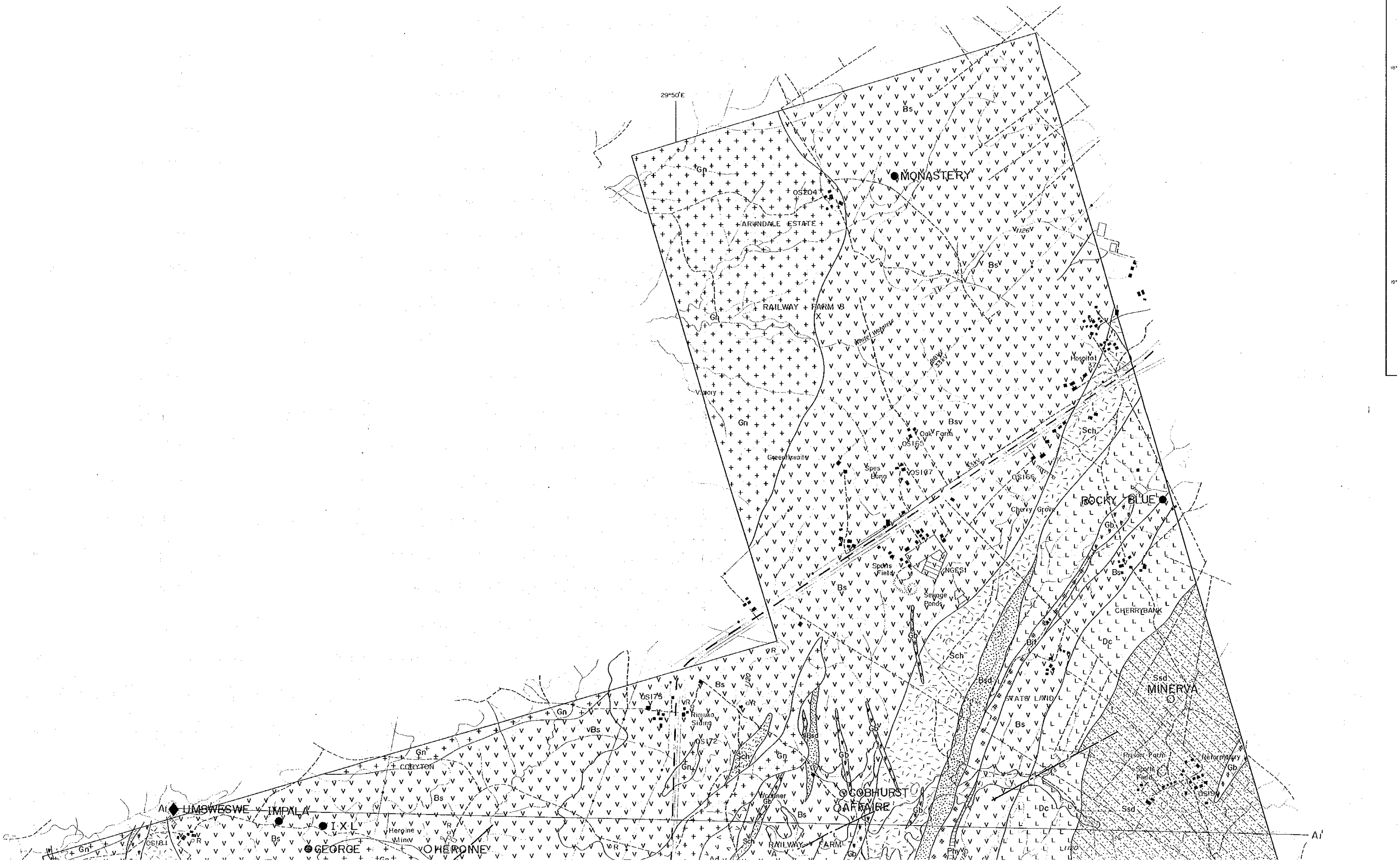




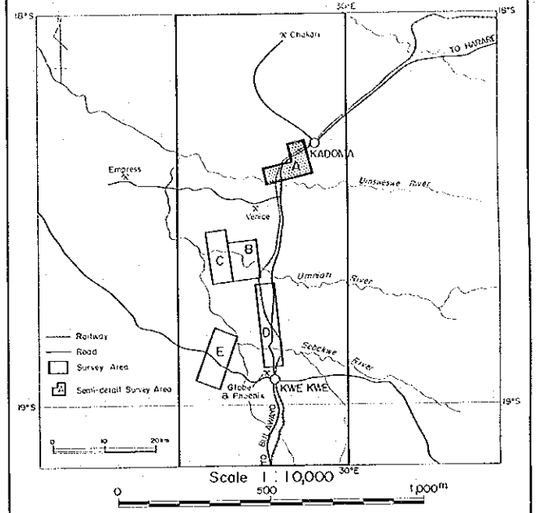


JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987


29°50'E
MONASTERY
ARUNDALE ESTATE
RAILWAY FARM 8
Gn
Bs
Bsv
ROCKY BLUE
CHERRYBANK
MINERVA
Ssd
Sch
Bsd
Dc
Gb
COBHURST
AFFAIRE
UMSWESWE
IMPALA
I.X.L
GEORGE
HEROINE
CORYTON
A
A'
Spes Bona
Sports Field
Sewage Ponds
Cherry Grove
Oak Farm
Prison Farm
Reformatory
Hospital

MINERAL EXPLORATION
in the
KADOMA AREA, ZIMBABWE
PHASE I

Location Map of **Mineral Occurrences** in Area **A**



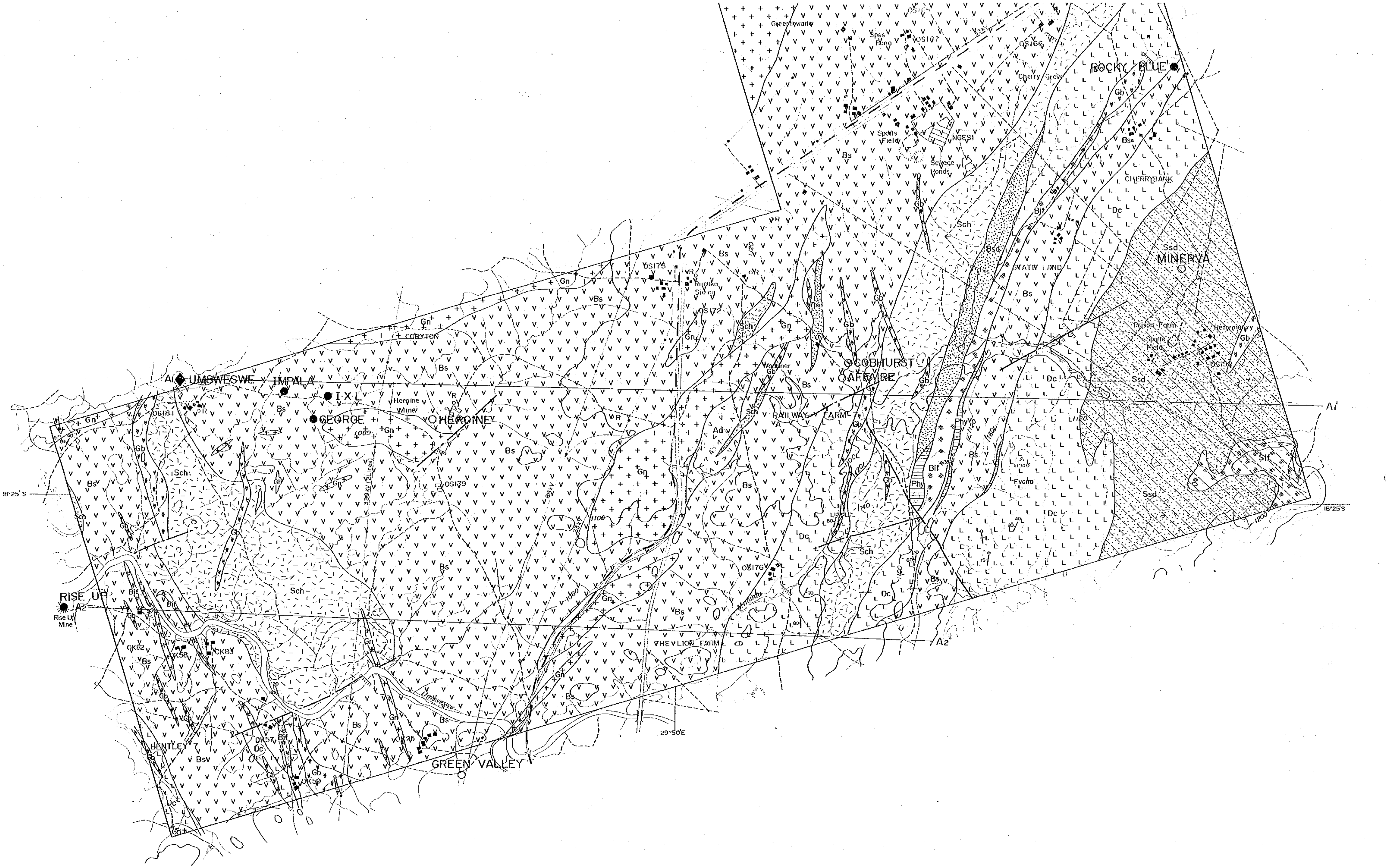
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987

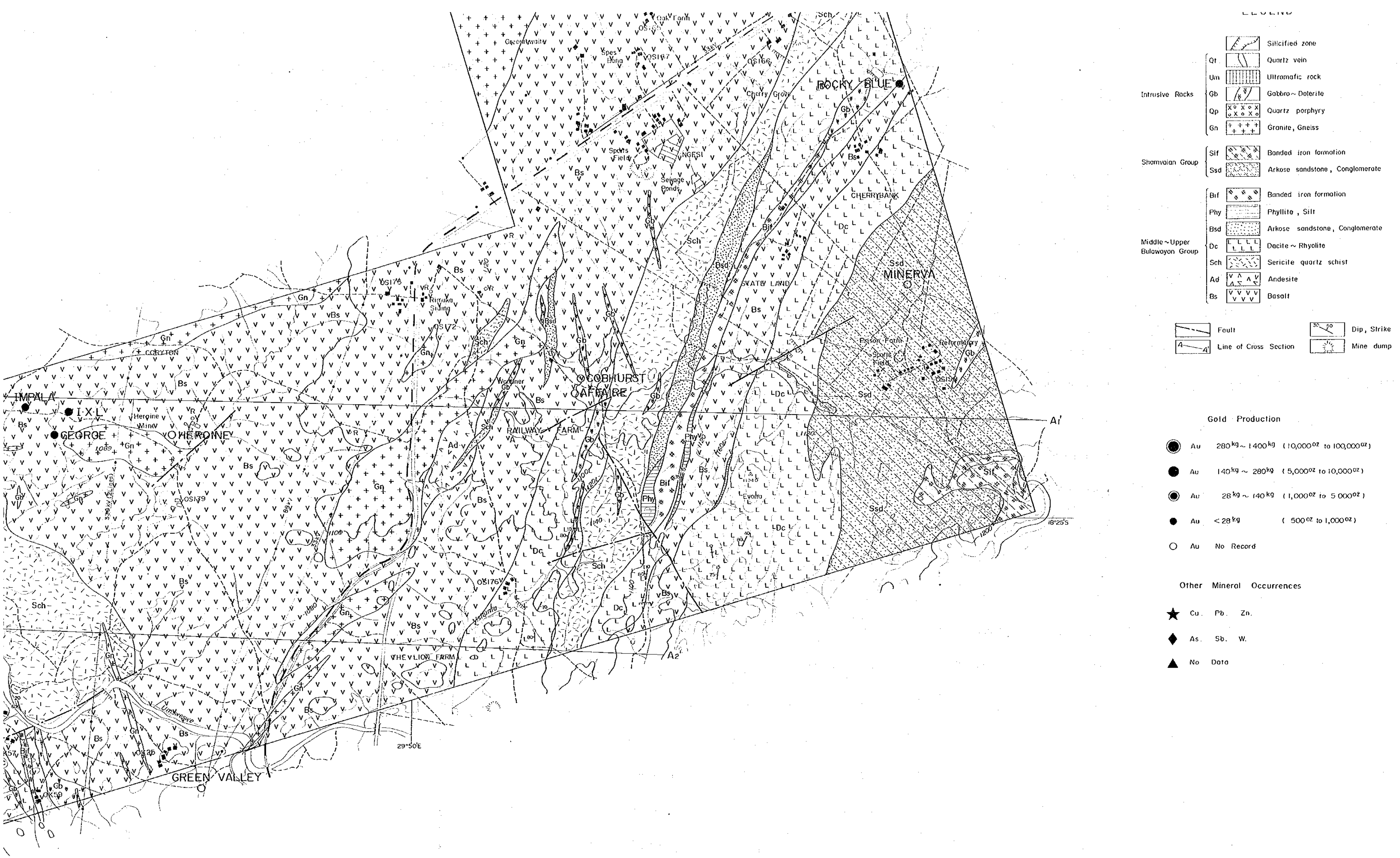
LEGEND

		Silicified zone
Intrusive Rocks	Qt	Quartz vein
	Um	Ultramafic rock
	Gb	Gabbro ~ Dolerite
	Qp	Quartz porphyry
	Gn	Granite, Gneiss
Shamvaian Group	Sif	Banded iron formation
	Ssd	Arkose sandstone, Conglomerate
Middle ~ Upper Bulawayan Group	Bif	Banded iron formation
	Phy	Phyllite, Silt
	Bsd	Arkose sandstone, Conglomerate
	Dc	Dacite ~ Rhyolite
	Sch	Sericite quartz schist
	Ad	Andesite
	Bs	Basalt
		Fault
	A–A'	Line of Cross Section
	30 50	Dip, Strike
		Mine dump

Gold Production

Au 280kg ~ 1400kg (10,000oz to 100,000oz)


ROCKY BLUE
MINERVA
NGESI
CHERRYBANK
Sports Field
Sewage Ponds
Cherry Grove
Prison Farm
Reformatory
COBHURST
AFFAIRE
RAILWAY FARM
A UMSWESWE
IMPALA
I X L
GEORGE
HERONNE
Heroine Mine
CLAYTON
RISE UP
Rise Up Mine
GREEN VALLEY
BENTLEY
A1'
A2
A2'
18°25'S
29°50'E
Umsweswe
Evona
Bs
Sch
Gb
Gn
Dc
Bif
Ssd
Bsd
Phy
Ad
Bsv
Sif
OS181
OS179
OS176
OS175
OS172
OS166
OS167
OS196
OK62
OK58
OK83
OK57
OK59
OK35

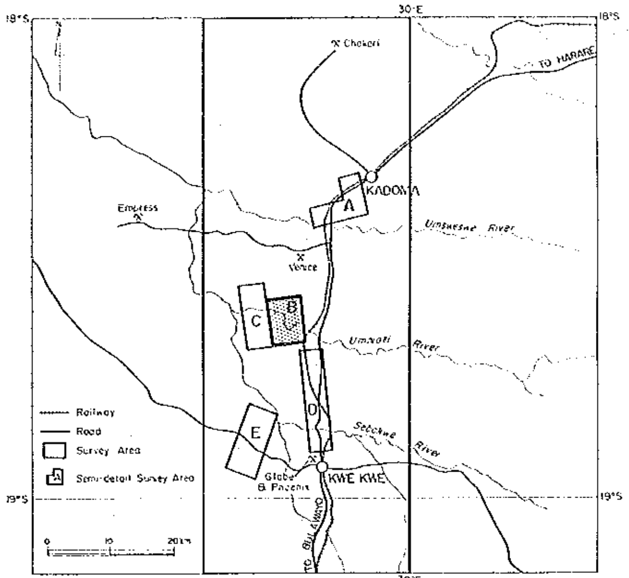


Silicified zone
Qt Quartz vein
Um Ultramafic rock
Intrusive Rocks
Gb Gabbro ~ Dolerite
Qp Quartz porphyry
Gn Granite, Gneiss
Shamvaian Group
Sif Banded iron formation
Ssd Arkose sandstone, Conglomerate
Middle ~ Upper Bulawayon Group
Bif Banded iron formation
Phy Phyllite, Silt
Bsd Arkose sandstone, Conglomerate
Dc Dacite ~ Rhyolite
Sch Sericite quartz schist
Ad Andesite
Bs Basalt
Fault
Line of Cross Section
Dip, Strike
Mine dump
Gold Production
Au 280kg ~ 1400kg (10,000oz to 100,000oz)
Au 140kg ~ 280kg (5,000oz to 10,000oz)
Au 28kg ~ 140kg (1,000oz to 5,000oz)
Au < 28kg (500oz to 1,000oz)
Au No Record
Other Mineral Occurrences
Cu. Pb. Zn.
As. Sb. W.
No Data
ROCKY BLUE
MINERVA
COBHURST
AFFAIRE
IMPALA
I·X·L
GEORGE
HERONNE
GREEN VALLEY
CHERRYBANK
STATE LAND
RAILWAY FARM
CORYTON
Cherry Grove
Sewage Ponds
Evorra
A1'
A2'
18°25'S
29°50'E

PL. 5-2-1

MINERAL EXPLORATION
in the
KADOMA AREA, ZIMBABWE
PHASE I

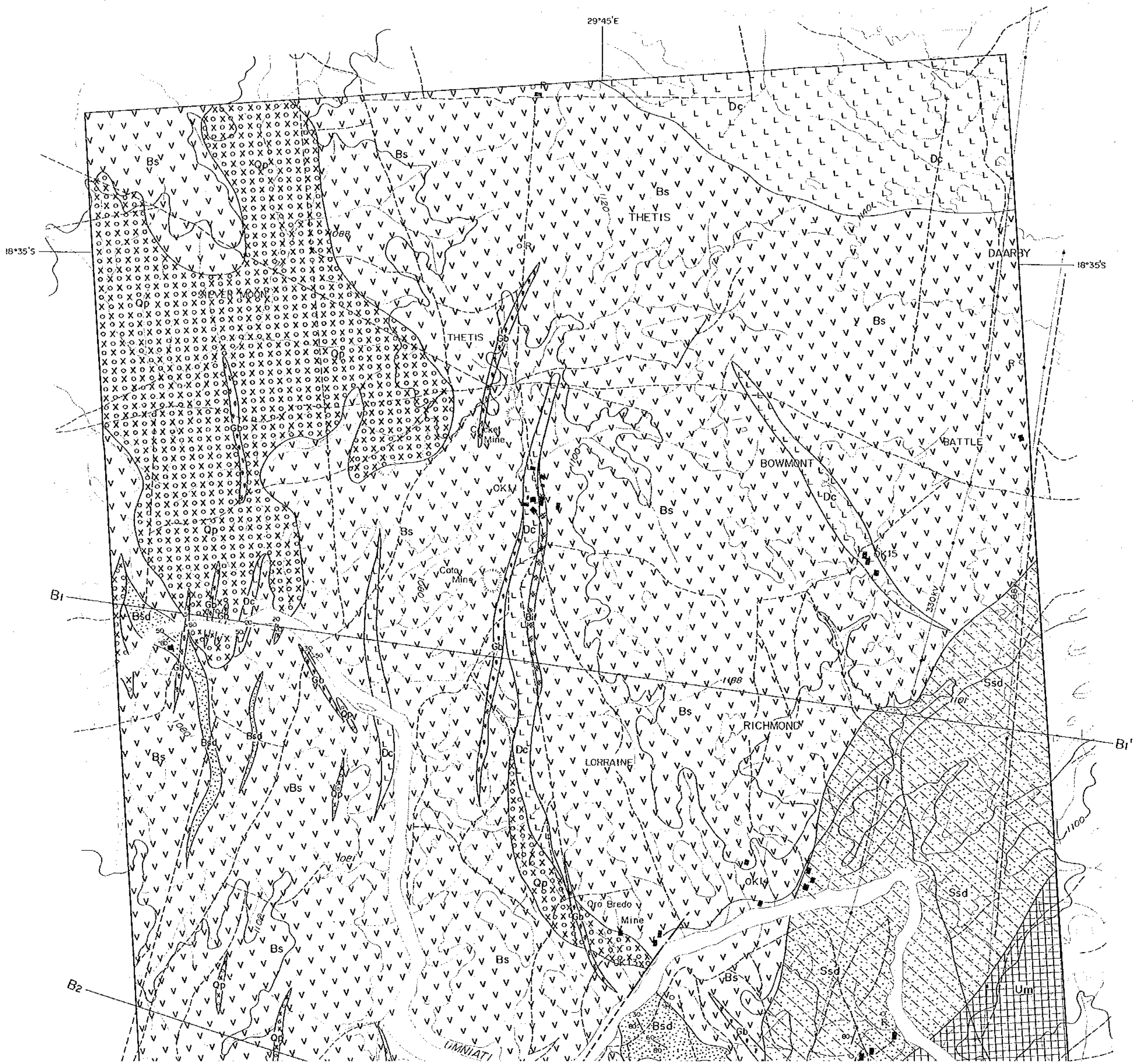
Geological Map of Area B



Scale 1 : 20,000

0 1,000 2,000m

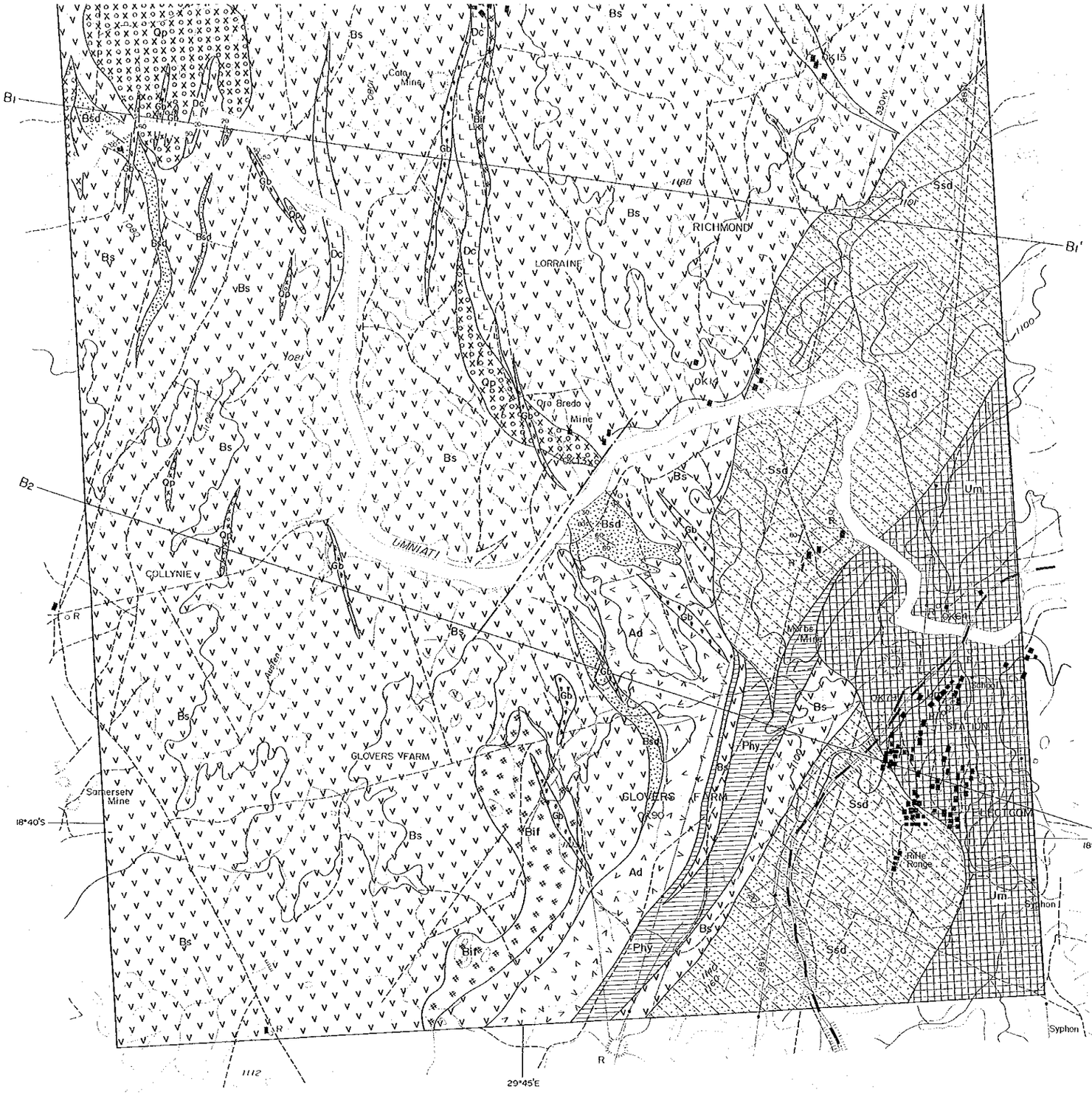
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987



LEGEND

			Silicified zone
Intrusive Rocks	Qt		Quartz vein
	Um		Ultramafic rock
	Gb		Gabbro ~ Dolerite
	Qp		Quartz porphyry
	Gn		Granite, Gneiss
Shamvaian Group	Sif		Banded iron formation
	Ssd		Arkose sandstone, Conglomerate
Middle ~ Upper Bulawayan Group	Bif		Banded iron formation
	Phy		Phyllite, Silt
	Bsd		Arkose sandstone, Conglomerate
	Dc		Dacite ~ Rhyolite
	Sch		Sericite quartz schist
	Ad		Andesite
	Bs		Basalt

Fault
Line of Cross Section
Dip, Strike
Mine dump



Intrusive Rocks
- Silicified zone
- Qt — Quartz vein
- Um — Ultramafic rock
- Gb — Gabbro ~ Dolerite
- Qp — Quartz porphyry
- Gn — Granite, Gneiss

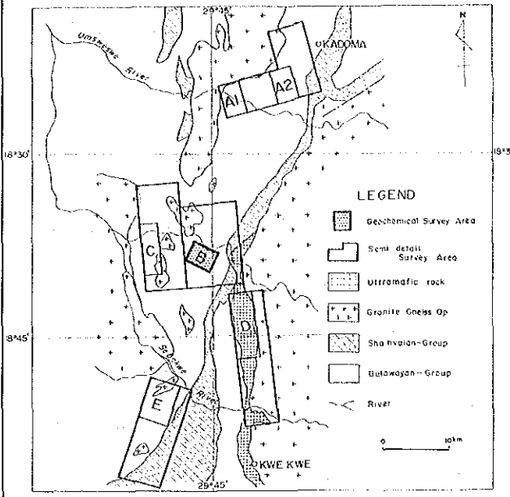
Shamvaian Group
- Sif — Banded iron formation
- Ssd — Arkose sandstone, Conglomerate

Middle ~ Upper Bulawayan Group
- Bif — Banded iron formation
- Phy — Phyllite, Silt
- Bsd — Arkose sandstone, Conglomerate
- Dc — Dacite ~ Rhyolite
- Sch — Sericite quartz schist
- Ad — Andesite
- Bs — Basalt

Fault
Line of Cross Section
Dip, Strike
Mine dump

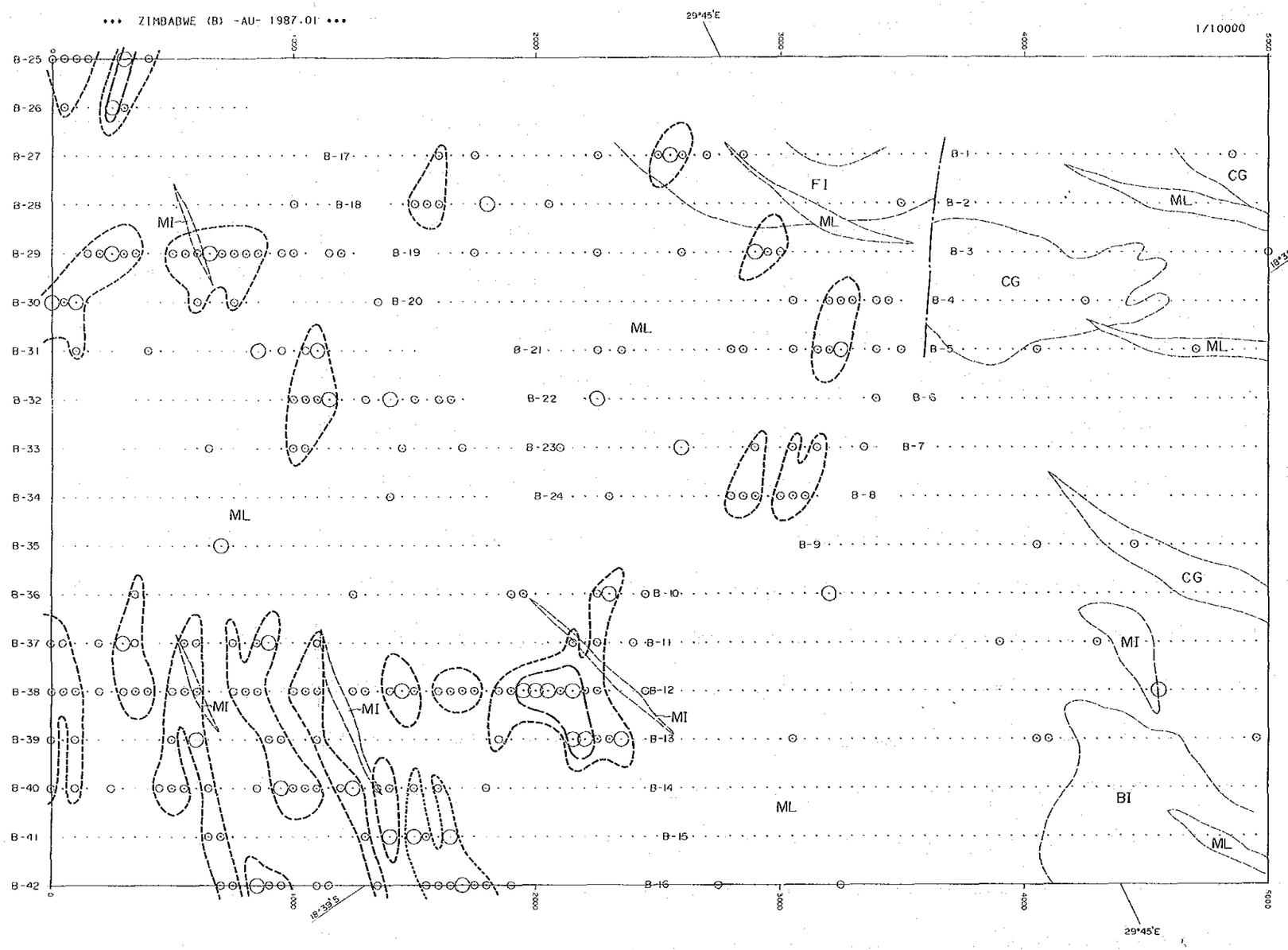
MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

Geochemical Anomaly Map of Au in Area B



Scale 1:10,000

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987



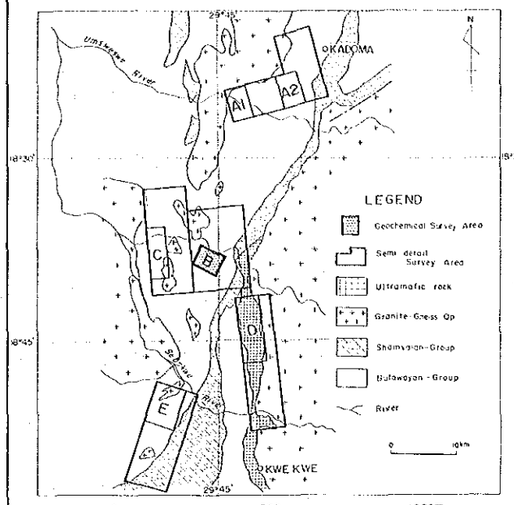
LEGEND

- Geologic boundory
- Anomalous Zone over + σ
- Anomalous Zone over + 2σ
- A-1-E-1 Survey line number

	Symbol	Rock type
1	ML	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate~Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic~Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	—	
11	SH	Quartz-sericite schist

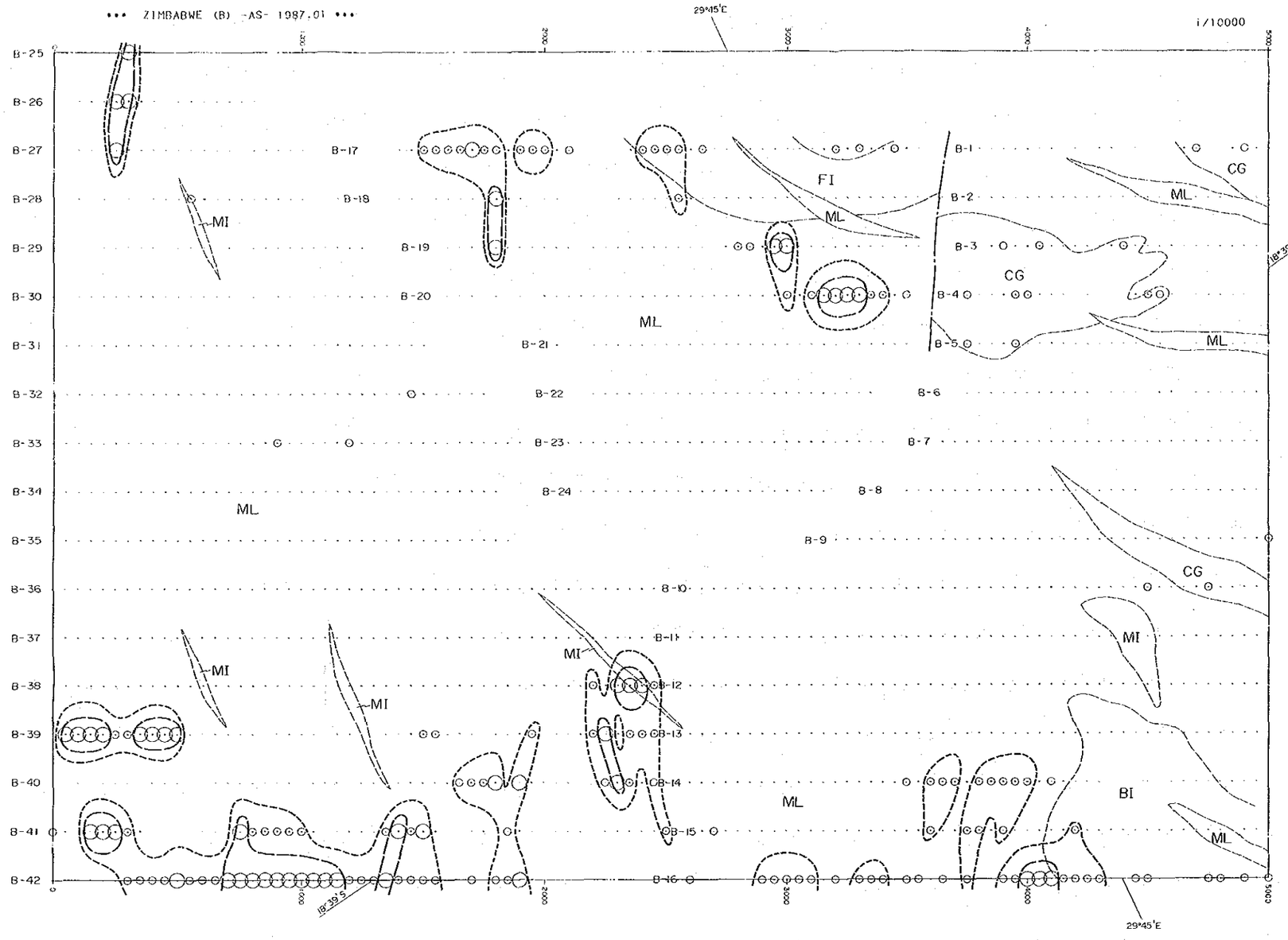
MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

Geochemical Anomaly Map of As in Area B



Scale 1:10,000

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987



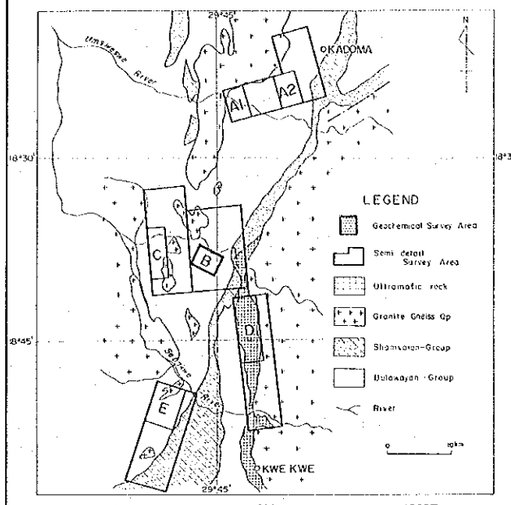
LEGEND

	Geologic boundary
	Anomalous Zone over + σ
	Anomalous Zone over + 2σ
A-1-E-1	Survey line number

	Symbol	Rock type
1	Mt.	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate ~ Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic ~ Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	---	
11	SH	Quartz - sericite schist

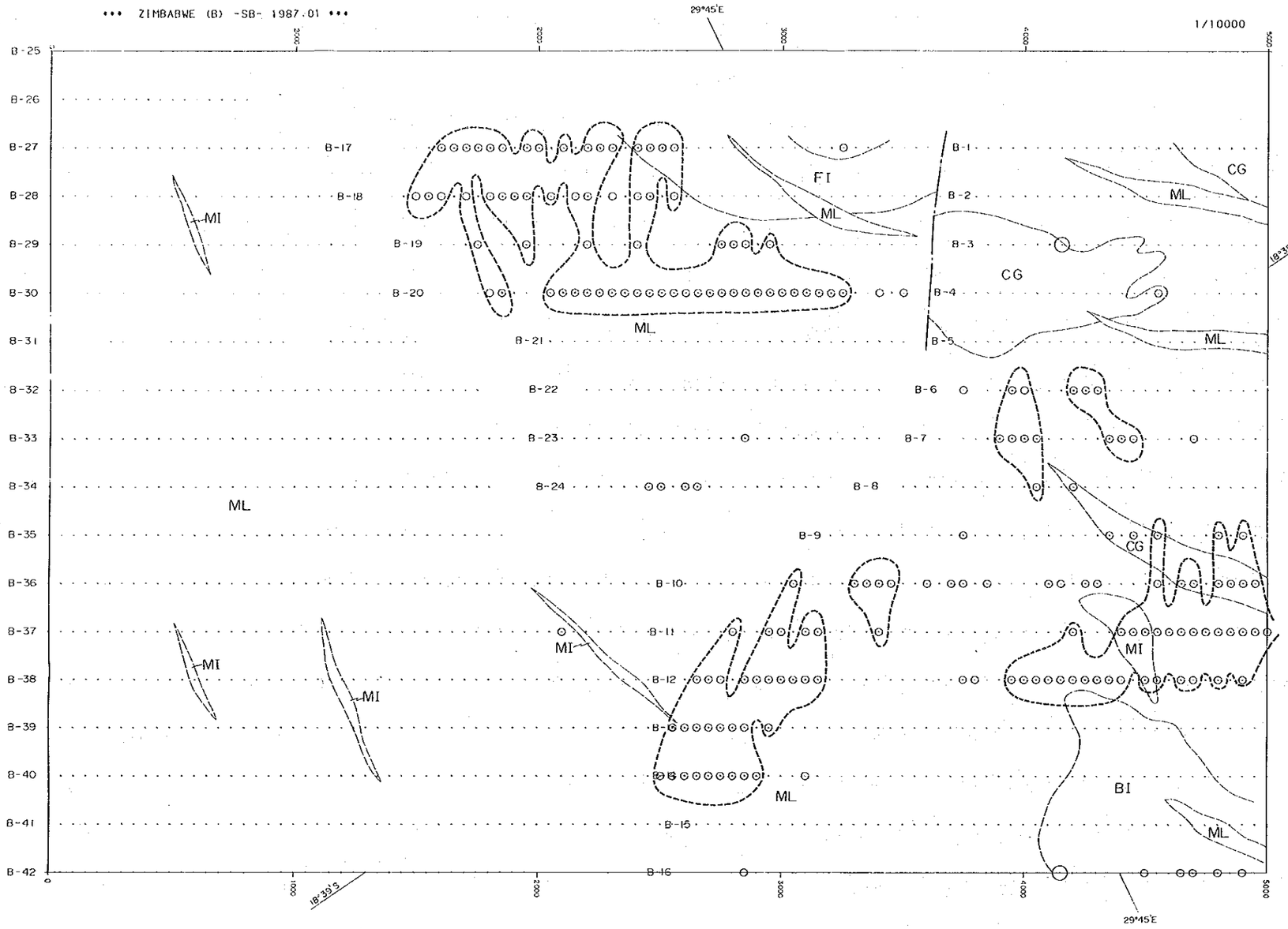
MINERAL EXPLORATION in the KADOMA AREA ZIMBABWE

Geochemical Anomaly Map of Sb in Area B



Scale 1:10,000

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987



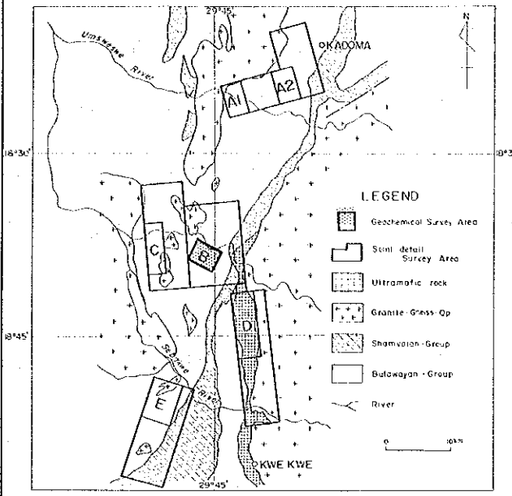
LEGEND

	Geologic boundary
600	Anomalous Zone over + σ
	Anomalous Zone over + 2σ
A-1-E-1	Survey line number

	Symbol	Rock type
1	ML	Mafic lava
2	FL	Felsic lava
3	CG	Conglomerate ~ Sandstone
4	PH	Phyllite
5	BI	Banded iron formation
6	GR	Granitic ~ Gneissose rock
7	MI	Mafic intrusive
8	FI	Felsic intrusive
9	UM	Ultramafic rock
10	—	
11	SH	Quartz - sericite schist

MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

Soil Colour Map of Area B



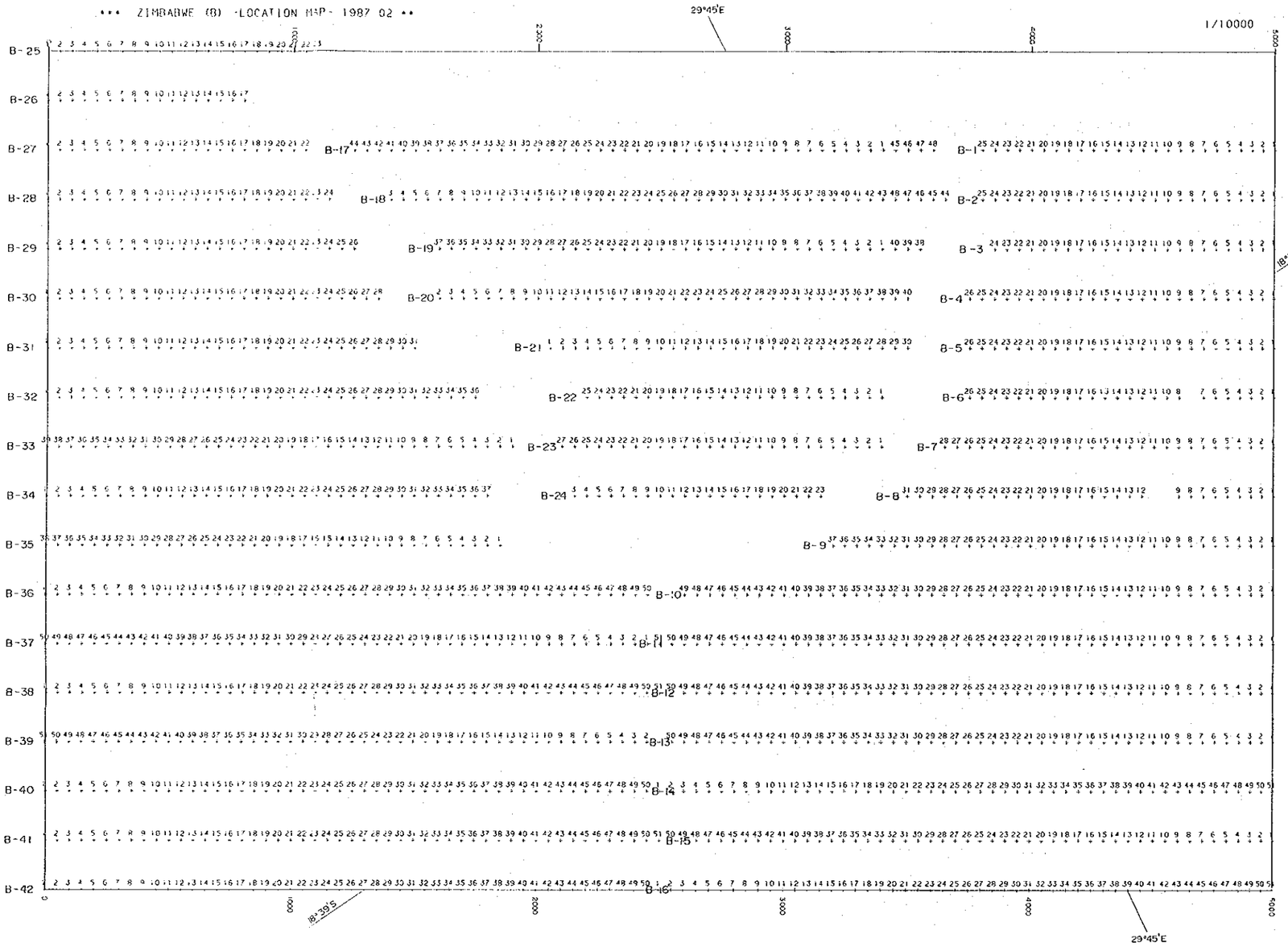
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN February 1987

LEGEND

Colour Code

1	Pale yellowish brown
2	Dark yellowish brown
3	Dusky yellowish brown
4	Medium yellowish brown
5	Light brown
6	Medium brown
7	Dark brown
8	Medium reddish brown
9	Dark reddish brown
10	Dark yellowish orange
11	Grayish orange
12	Light brown
13	Very pale orange
14	Medium orange pink
15	Pale brown
16	Grayish brown
17	Dusky brown

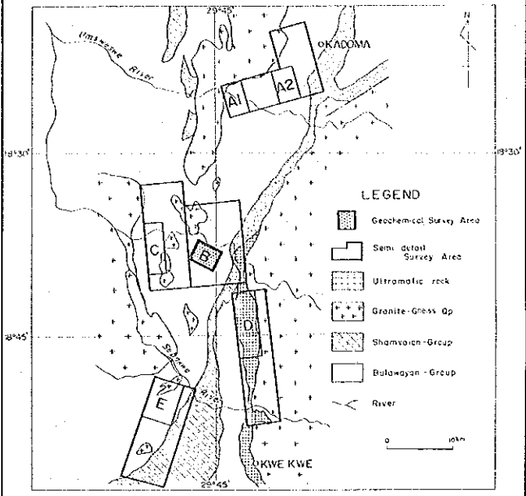
Abbreviation	Color Tint	Code Group
Ybpd	Pale-Dark yellowish brown	1, 2, 4
Ybds	Dusky yellowish brown	3
Blm	Light-Moderate brown	5, 6, 12
Bd	Dark brown	7, 17
Br	Reddish brown	8, 9
Oy	Yellowish orange	10, 11, 13, 14
Bg	Grayish brown	15, 16



MINERAL EXPLORATION
in the
KADOMA AREA ZIMBABWE

PL.5-2-6

Location Map of Soil Samples in Area B



0 500 1000m

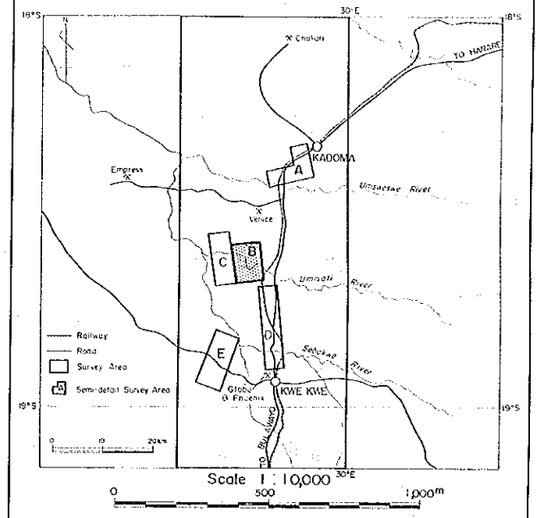
Scale 1:10,000

JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

February 1987

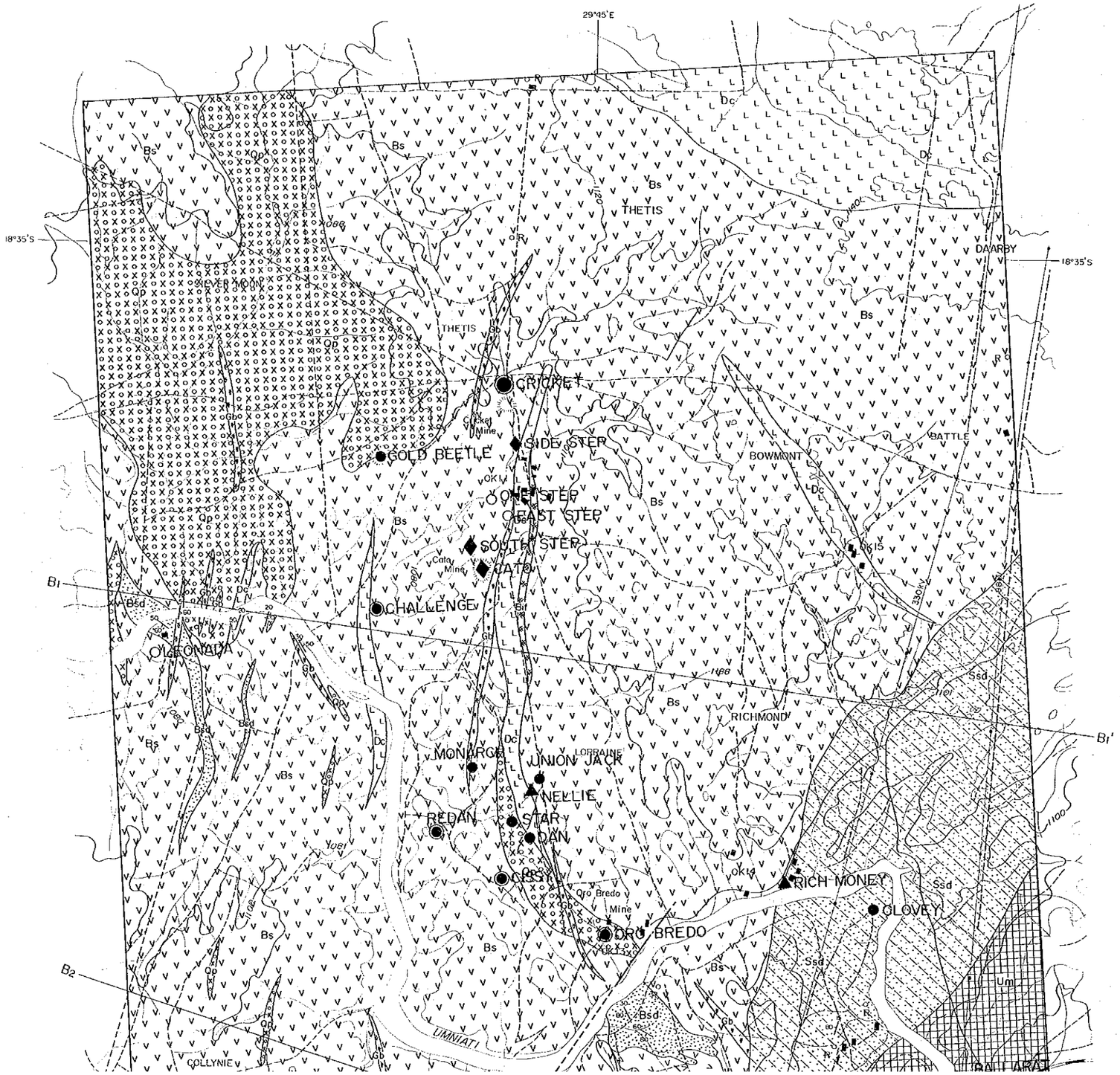
MINERAL EXPLORATION
in the
KADOMA AREA, ZIMBABWE
PHASE I

Location Map of Mineral Occurrences in Area B



JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

February 1987



LEGEND

		Silicified zone
Intrusive Rocks	Qt	Quartz vein
	Um	Ultramafic rock
	Gb	Gabbro~Dolerite
	Qp	Quartz porphyry
	Gn	Granite, Gneiss
Shamvaian Group	Sif	Banded iron formation
	Ssd	Arkose sandstone, Conglomerate
Middle~Upper Bulawayan Group	Bif	Banded iron formation
	Phy	Phyllite, Silt
	Bsd	Arkose sandstone, Conglomerate
	Dc	Dacite~Rhyolite
	Sch	Sericite quartz schist
	Ad	Andesite
	Bs	Basalt

Fault

A—A' Line of Cross Section

30 50 Dip, Strike

Mine dump

Gold Production

Au 280kg~1400kg (10,000oz to 100,000oz)

Intrusive Rocks
- Silicified zone
- Qt — Quartz vein
- Um — Ultramafic rock
- Gb — Gabbro ~ Dolerite
- Qp — Quartz porphyry
- Gn — Granite, Gneiss

Shamvaian Group
- Sif — Banded iron formation
- Ssd — Arkose sandstone, Conglomerate

Middle ~ Upper Bulawayan Group
- Bif — Banded iron formation
- Phy — Phyllite, Silt
- Bsd — Arkose sandstone, Conglomerate
- Dc — Dacite ~ Rhyolite
- Sch — Sericite quartz schist
- Ad — Andesite
- Bs — Basalt

Fault — Dip, Strike

A — A' Line of Cross Section — Mine dump

Gold Production

- Au 280 kg ~ 1400 kg (10,000 oz to 100,000 oz)
- Au 140 kg ~ 280 kg (5,000 oz to 10,000 oz)
- Au 28 kg ~ 140 kg (1,000 oz to 5,000 oz)
- Au < 28 kg (500 oz to 1,000 oz)
- Au No Record

Other Mineral Occurrences

- Cu. Pb. Zn.
- As. Sb. W.
- No Data