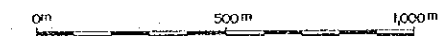
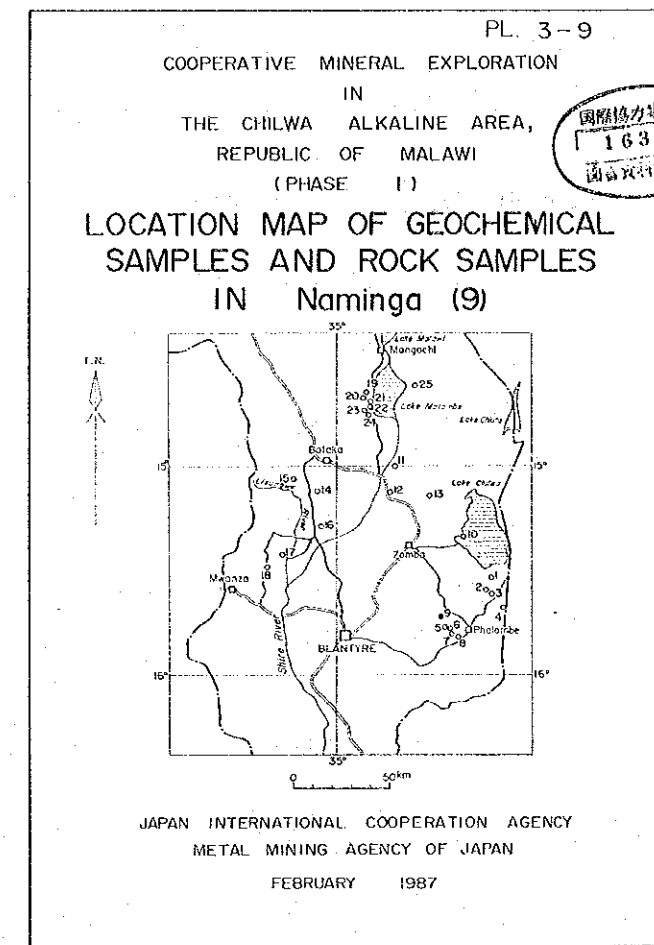
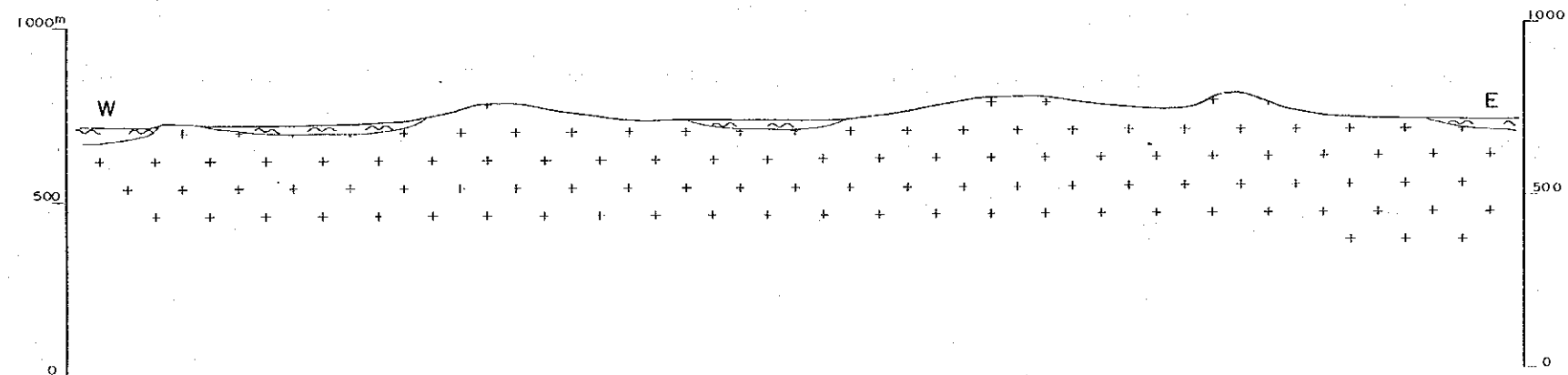


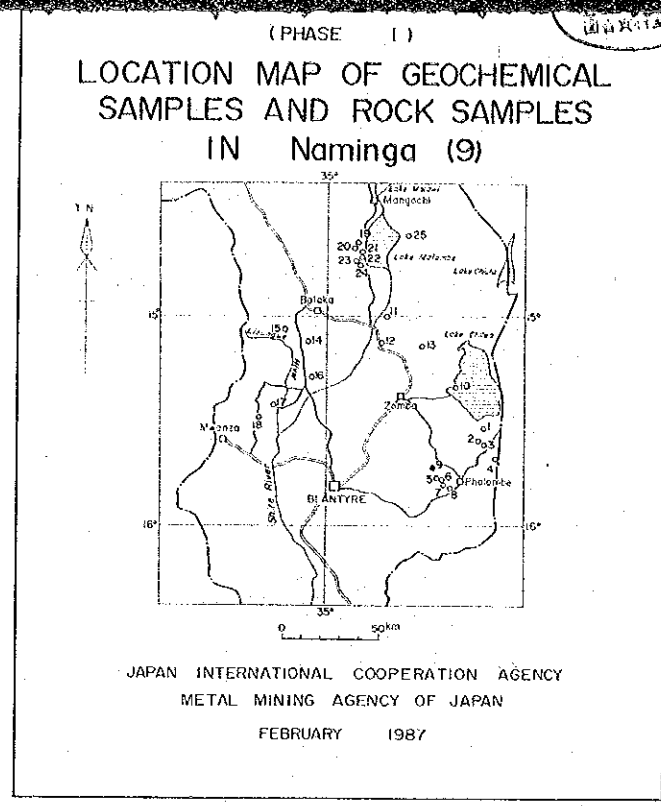
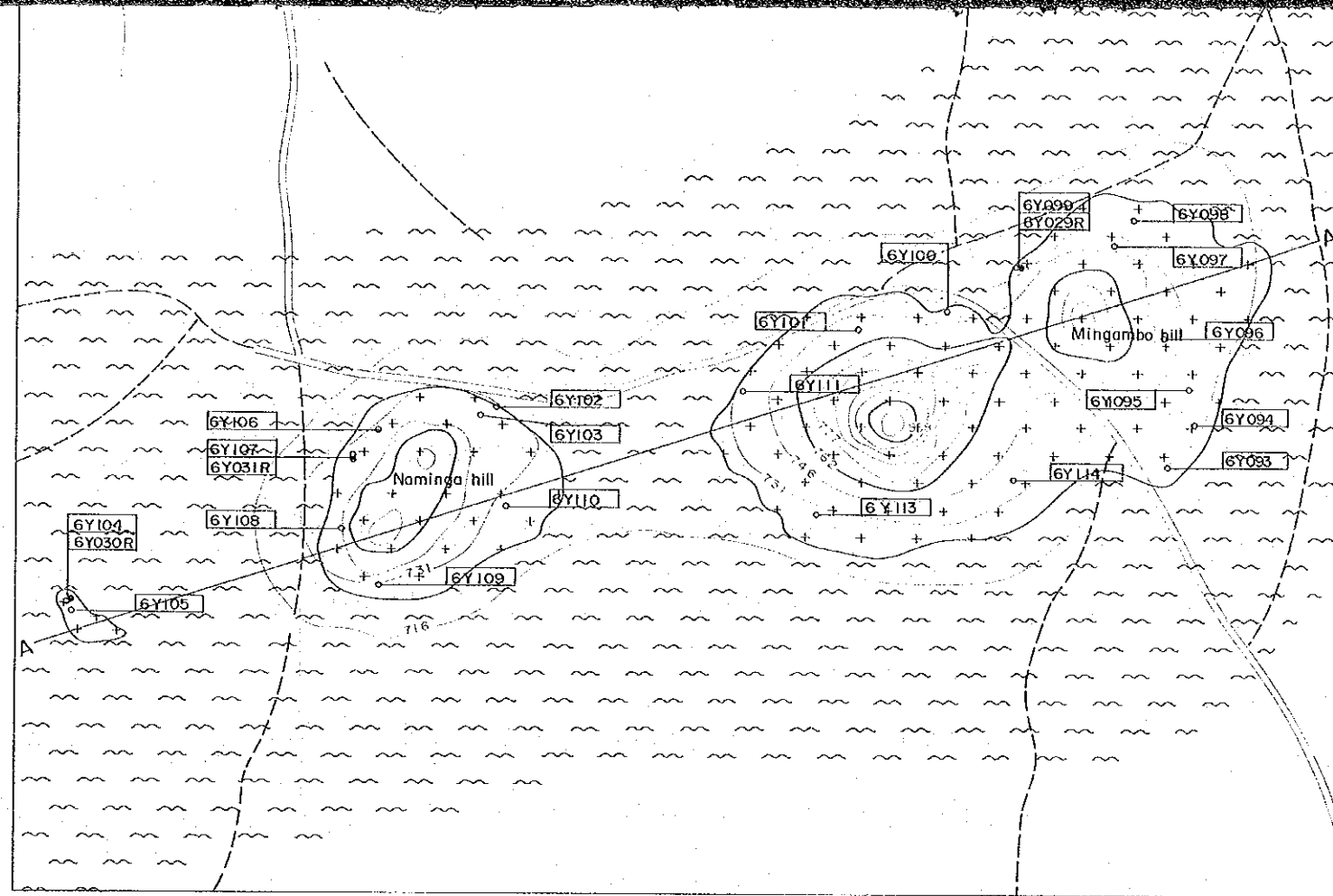
A - A' Section
(N73°E)



Scale 1 : 10,000

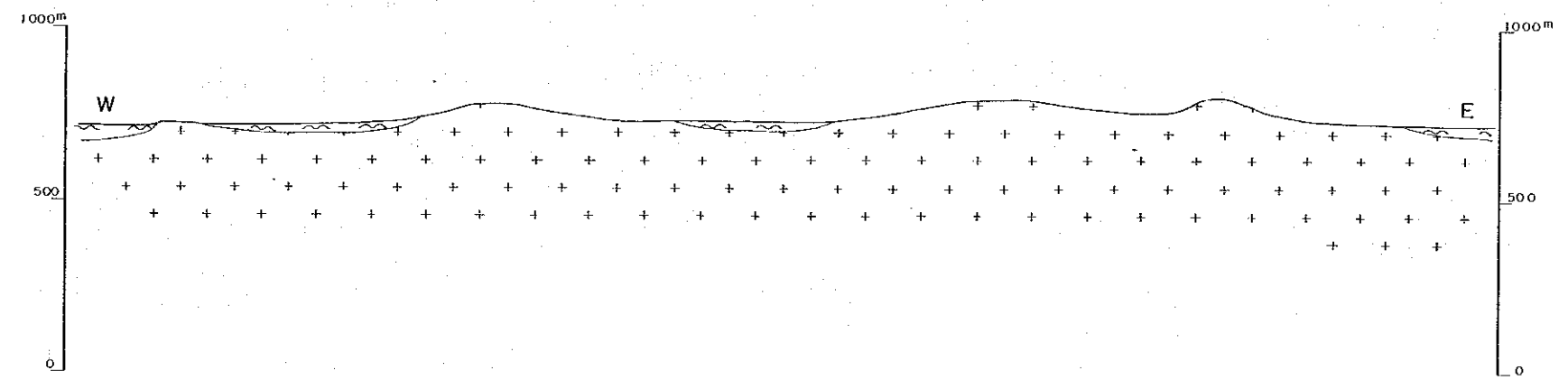
LEGEND

- | | |
|--|---|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Pitaskite) |
| | Nepheline syenite (Foyaite) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metaproxenite, metagabbro & biotite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
| | Fault |
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sövisbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplite

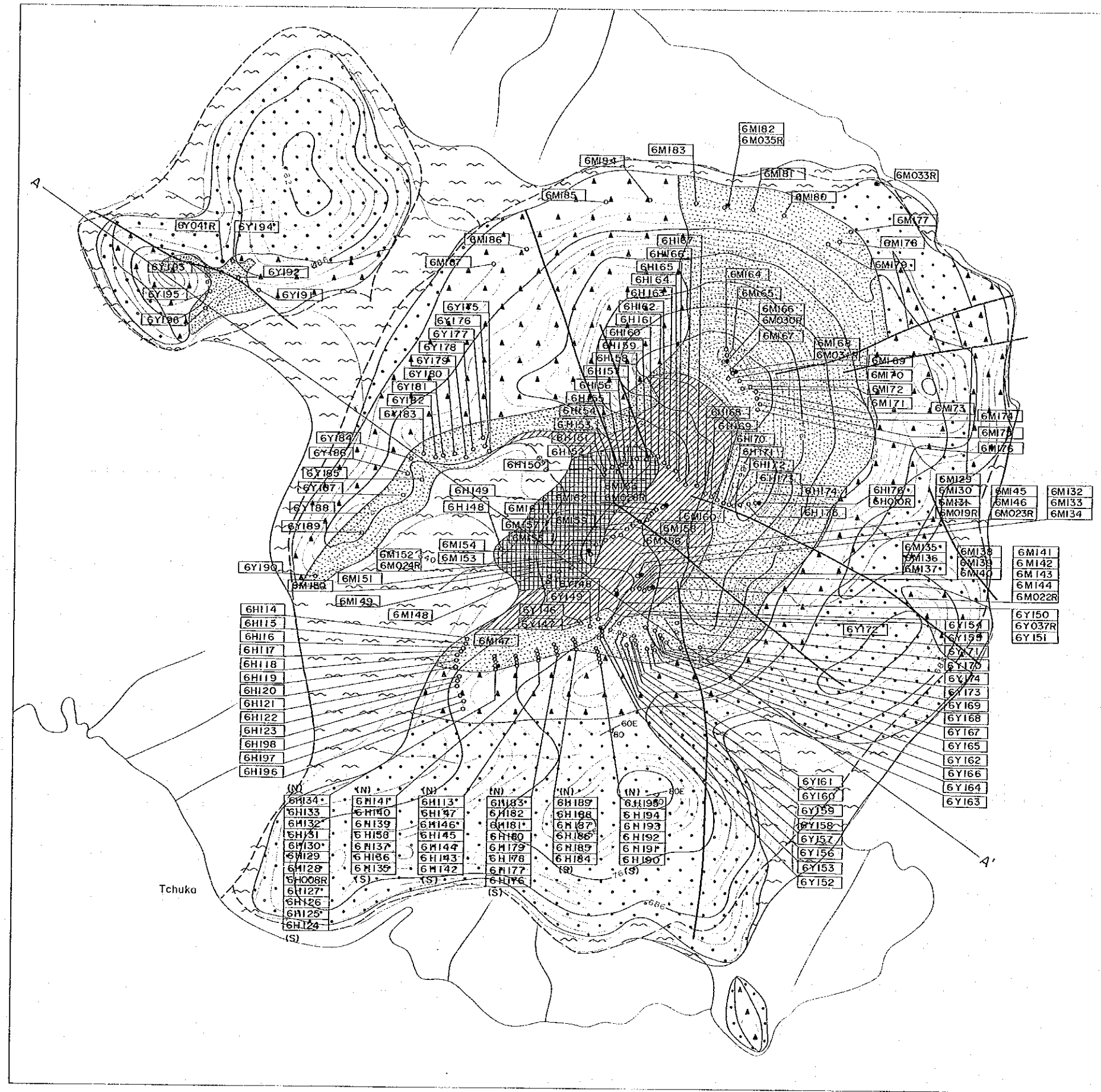


Scale 1 : 10,000

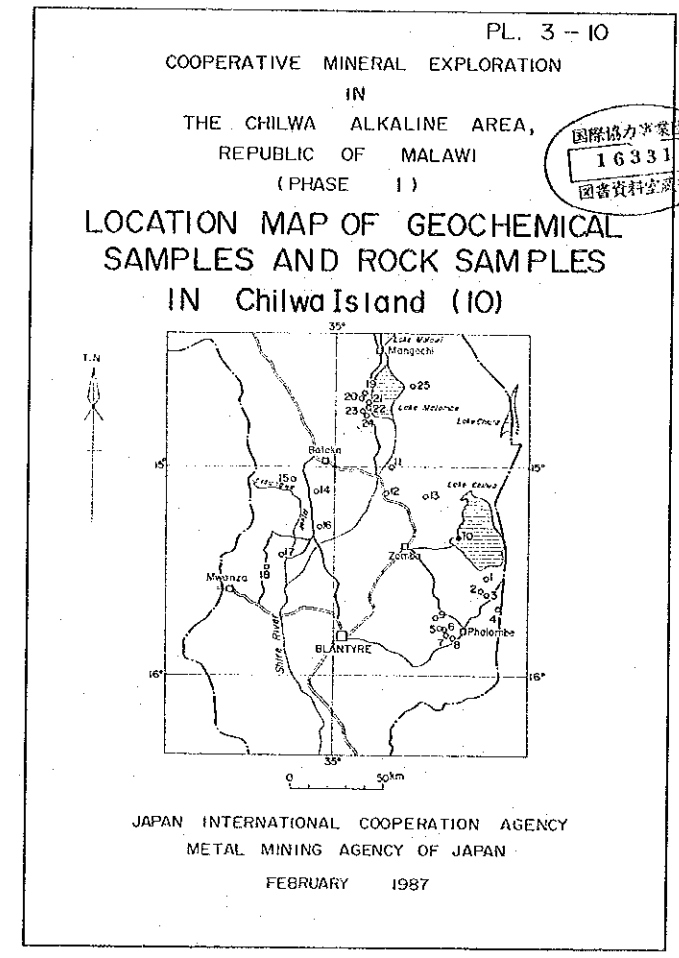
A - A' Section
(N73° E)



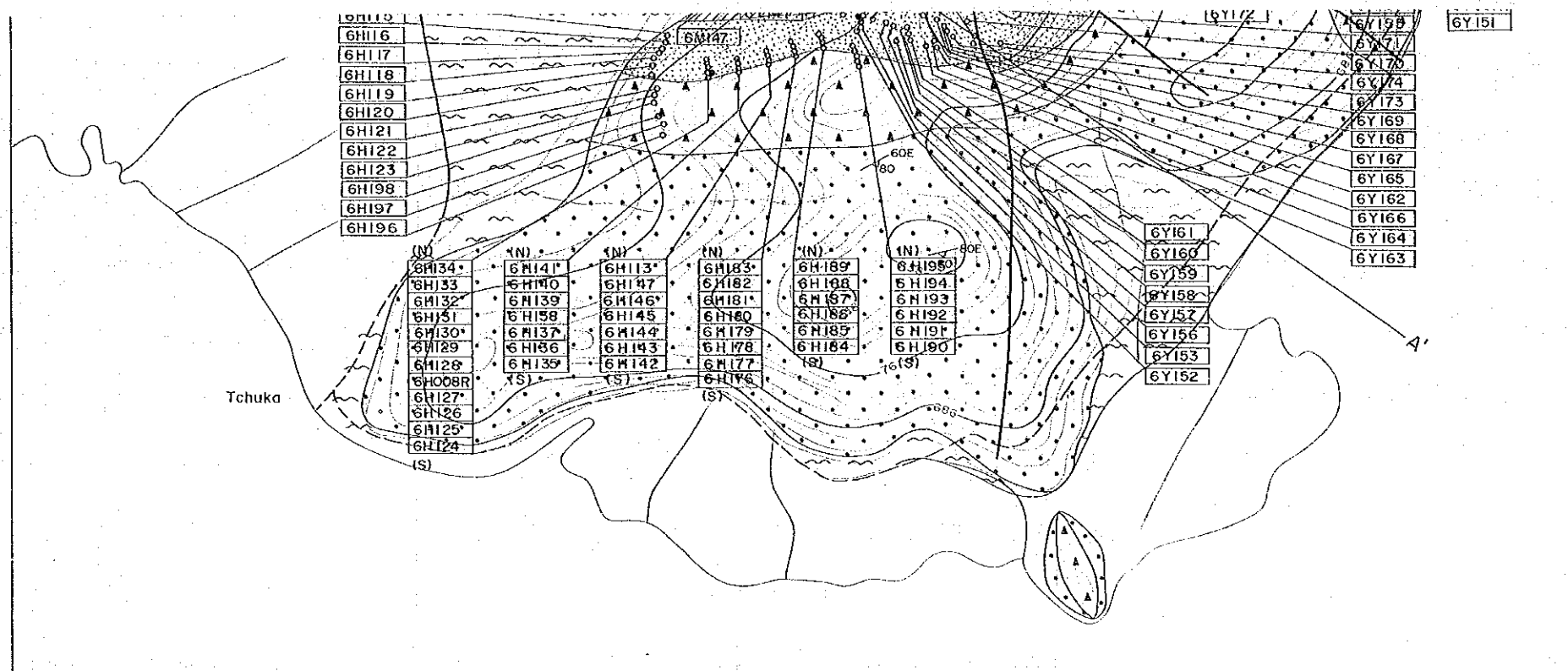
- #### LEGEND
- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trochyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaitte)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metapyroxenite, metagabbro & biotitte
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trochyte
 - P - Phonolite
 - N - Nephelinite
 - MF - Microfoyaite
 - S - Sövsbergite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplite
- Fault
 - Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
 - ROCK SAMPLES



A-A' Section
(N55W)



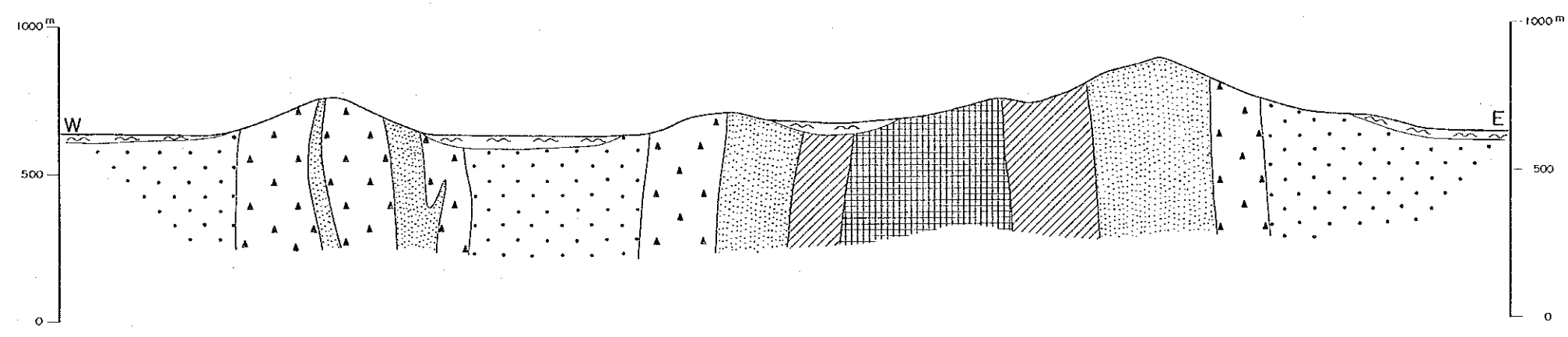
- LEGEND
- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fenitized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metaproxenite, metagabbro & biotitite
 - Meta conglomerate
 - Green pyroxene skorn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sövsbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplit
- Fault
Dip of foliation of gneiss

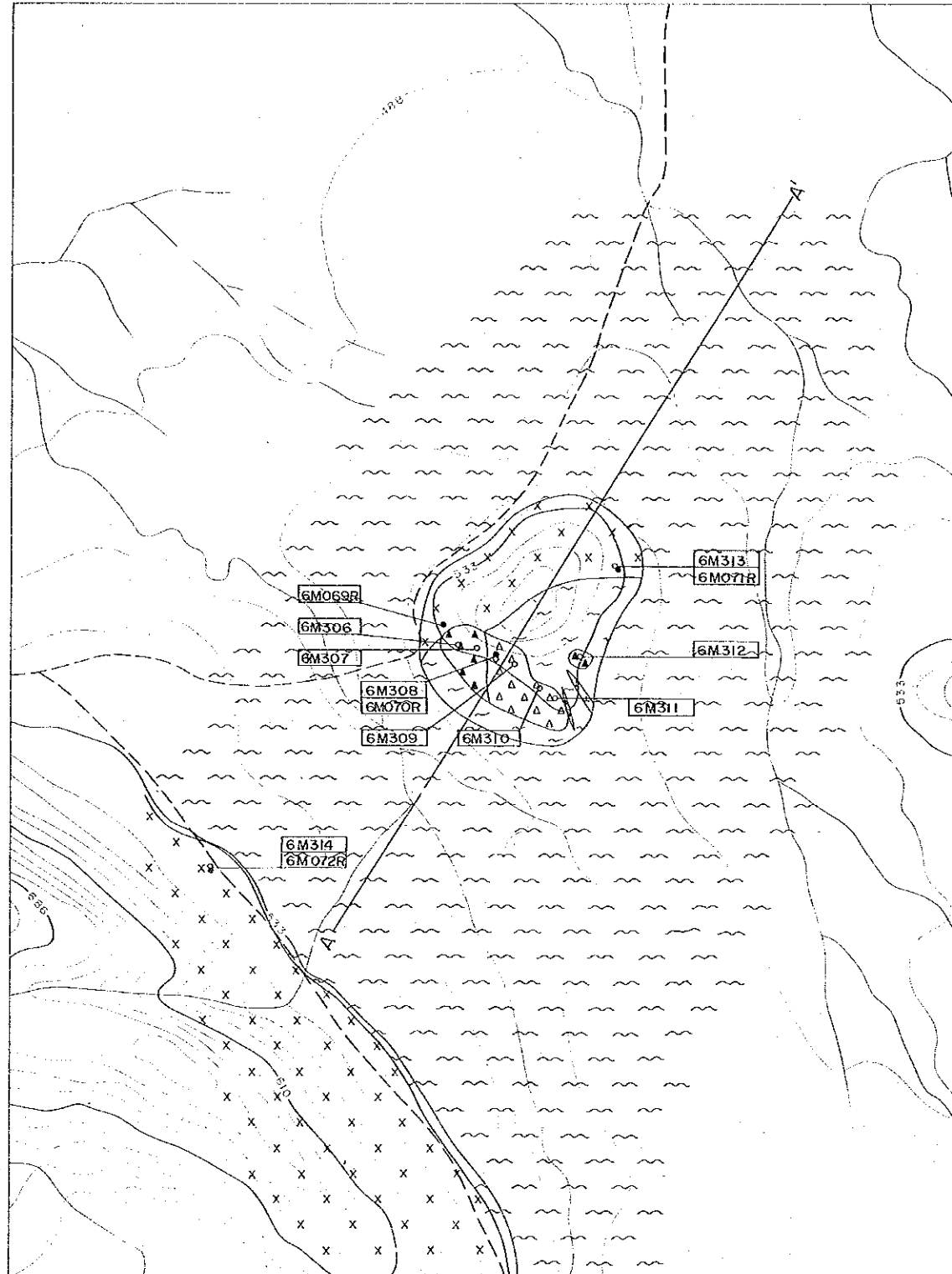


LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fenitized gneiss
- Trachyte
- Phonolite
- Nephefinitite
- Syenite (Pulaskite)
- Nepheline syenite (Foyalite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metapyroxenite, metagabbro & biotitite
- Mete conglomerate
- Green pyroxene skarn
- Dykes and plugs
 - T - Trachyte
 - P - Phonolite
 - N - Nephefinitite
 - MF - Microfoyalite
 - S - Sövsbergite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplite
- Fault
- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
- ROCK SAMPLES

A-A' Section
(N55W)

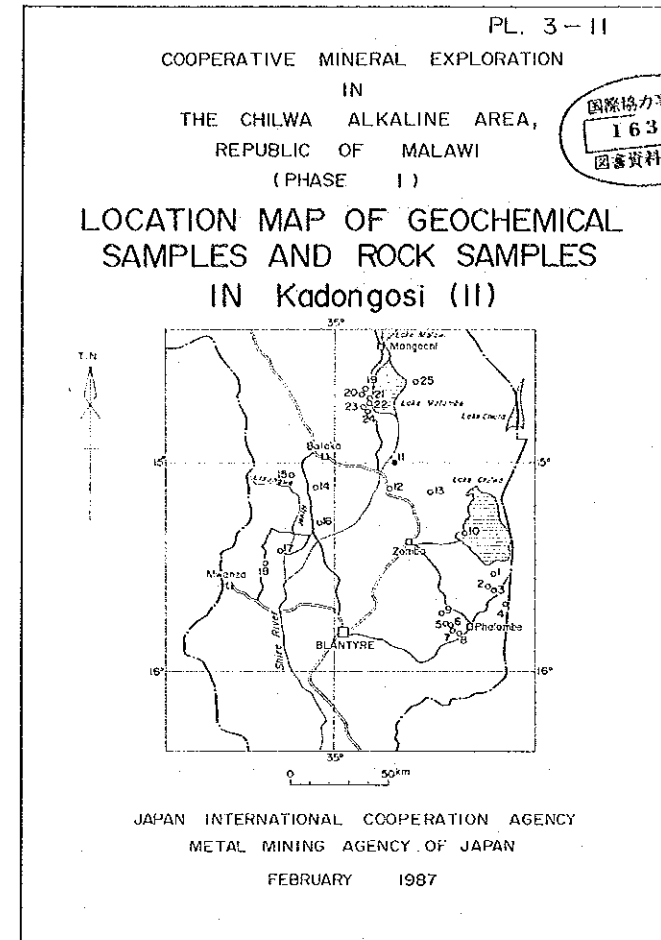




A-A' Section
(N 30 E)

1000m

1000m

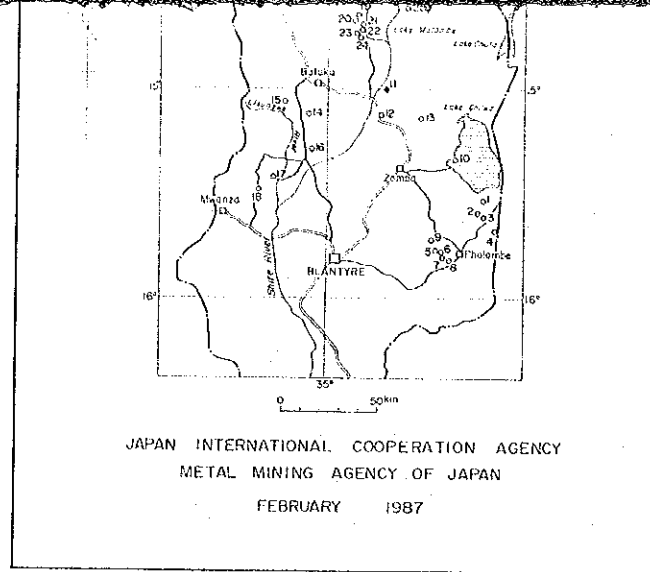
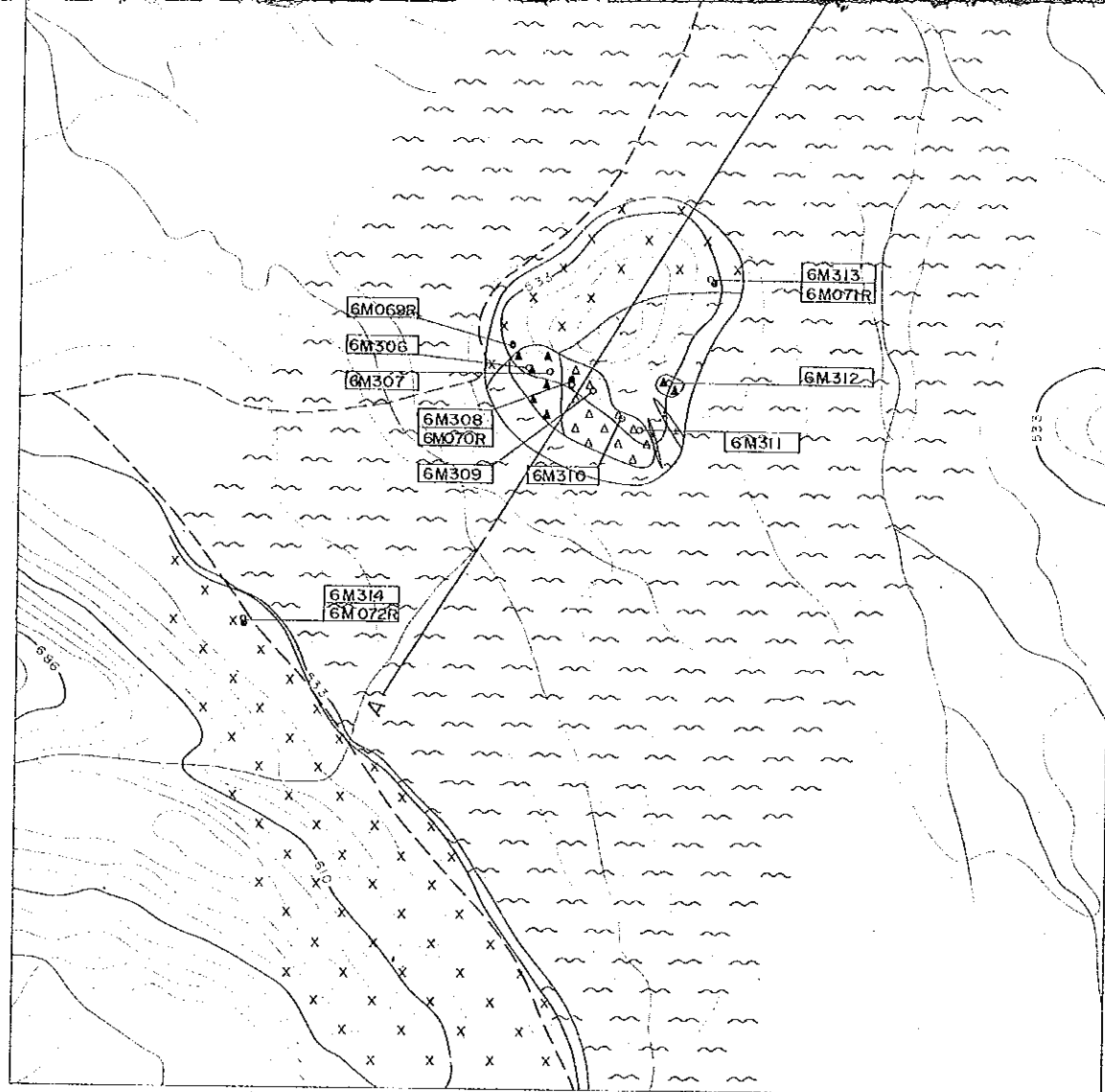


0m 500m 1000m

Scale 1 : 10,000

LEGEND

- | | |
|--|---|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Fulaskite) |
| | Nepheline syenite (Foyaitite) |
| | Hornblende-biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metapyroxenite, metagabbro & biotlite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Ankerite



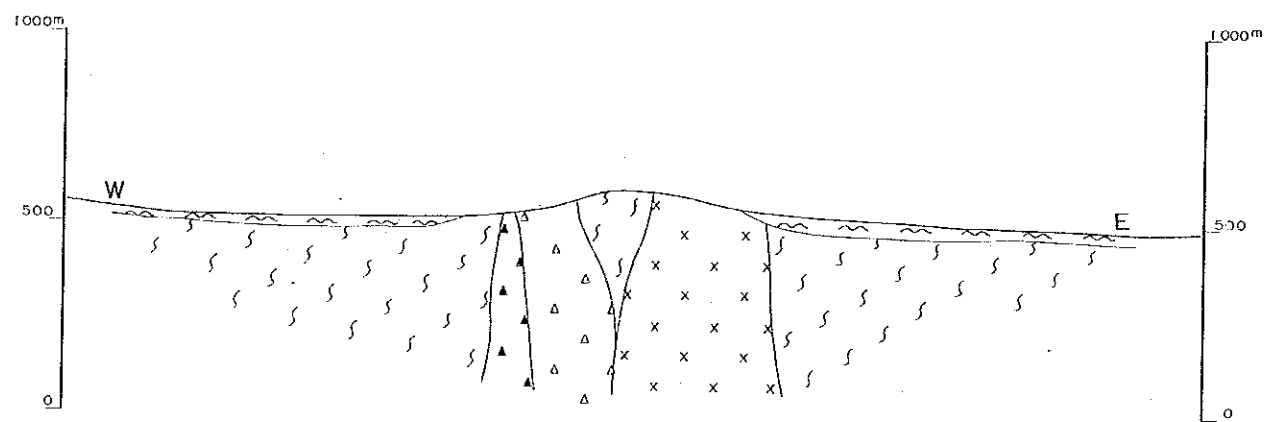
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1987

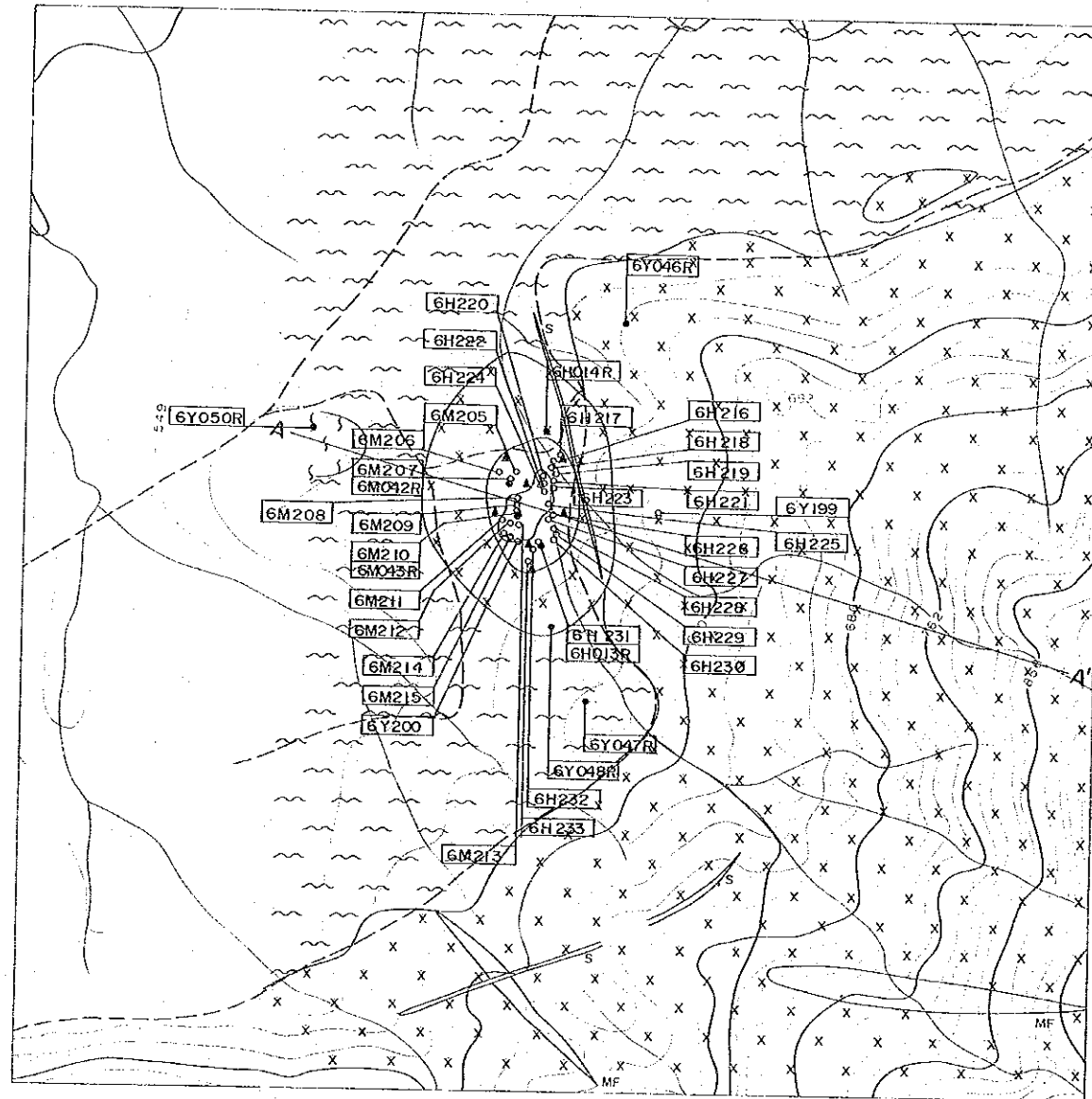
Scale 1 : 10,000

LEGEND

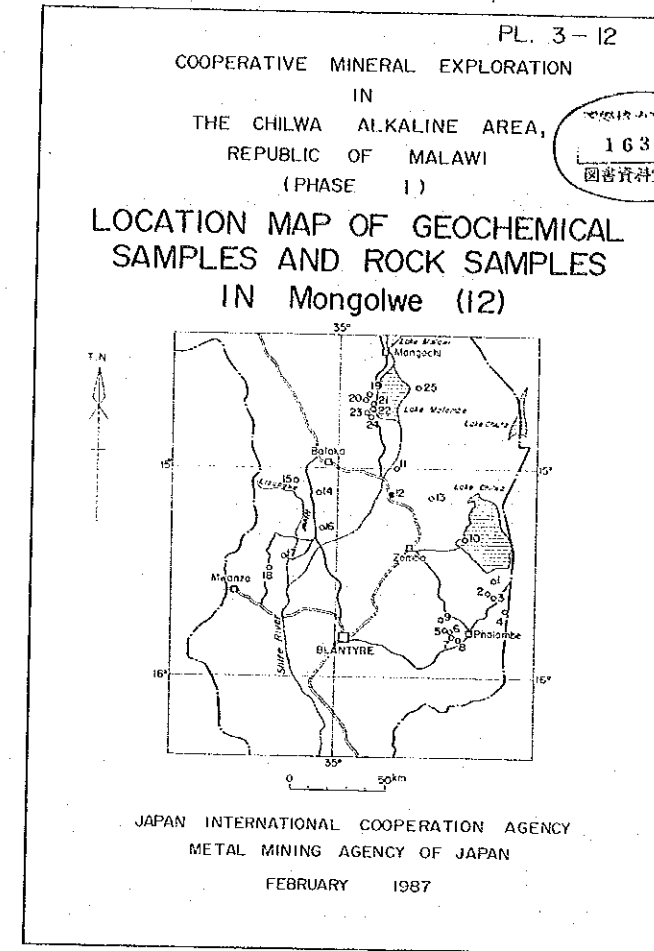
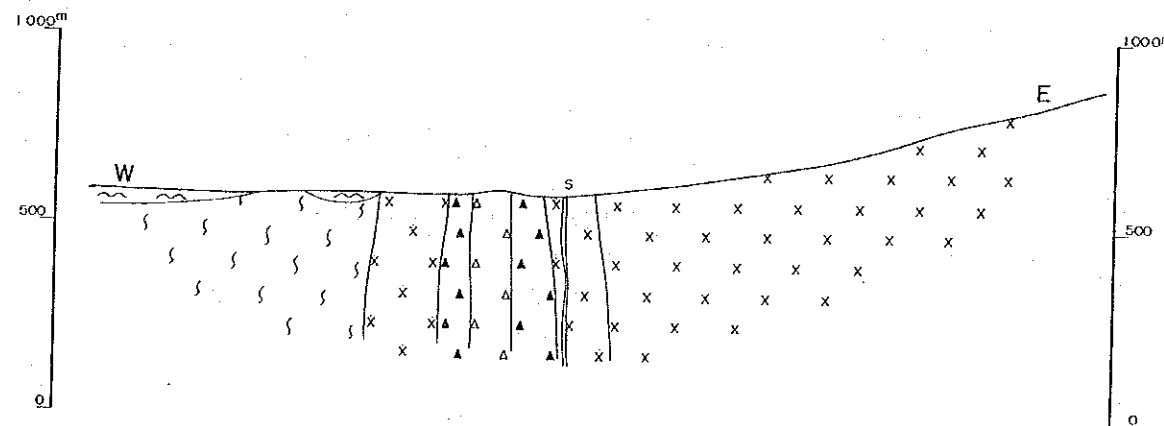
- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Fulaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metopyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplite
- Fault
- - - Dip of foliation of gneiss
- 6Y001 GEOCHEMICAL SAMPLES
 6Y001R ROCK SAMPLES

A-A' Section
(N 30 E)





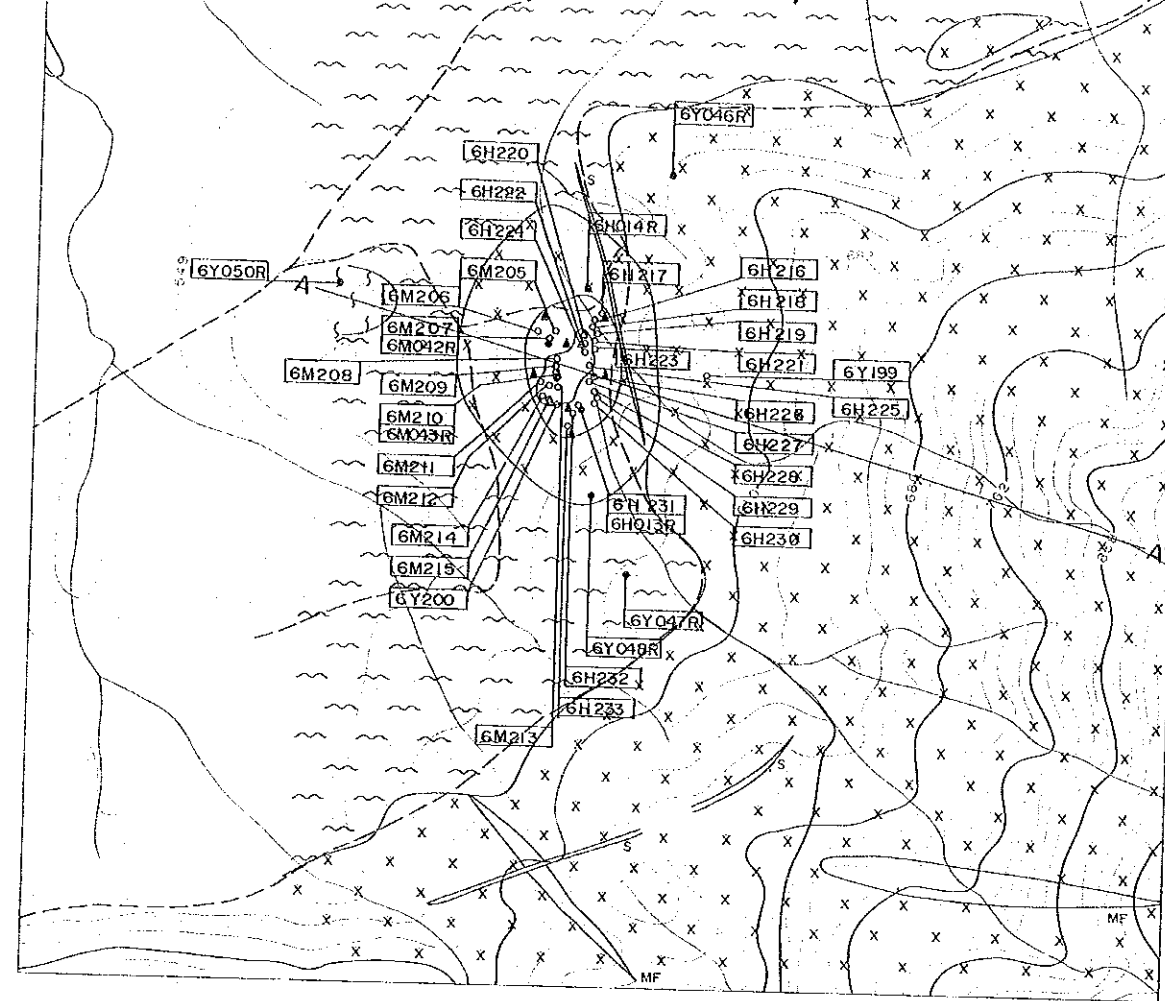
A - A' Section
(N70W)



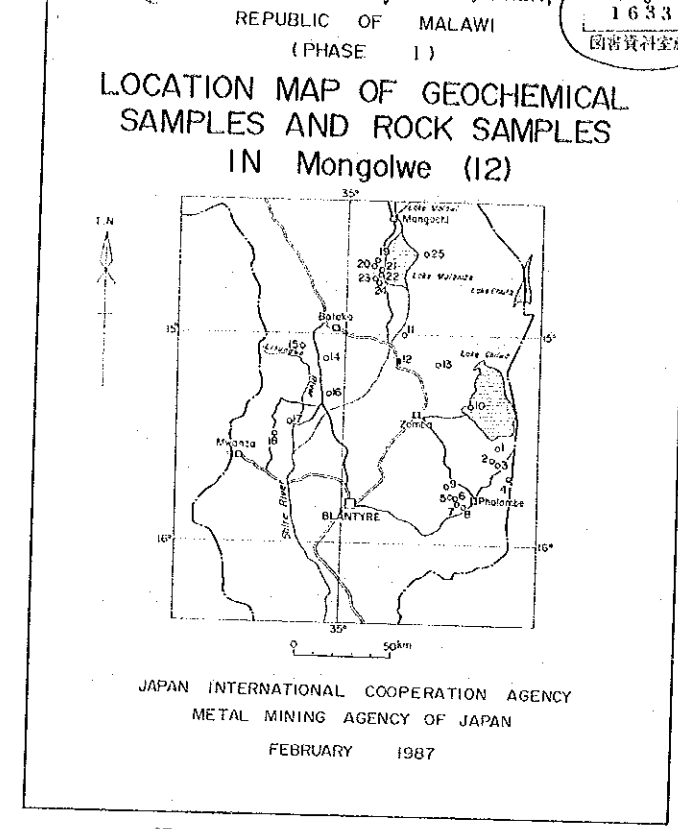
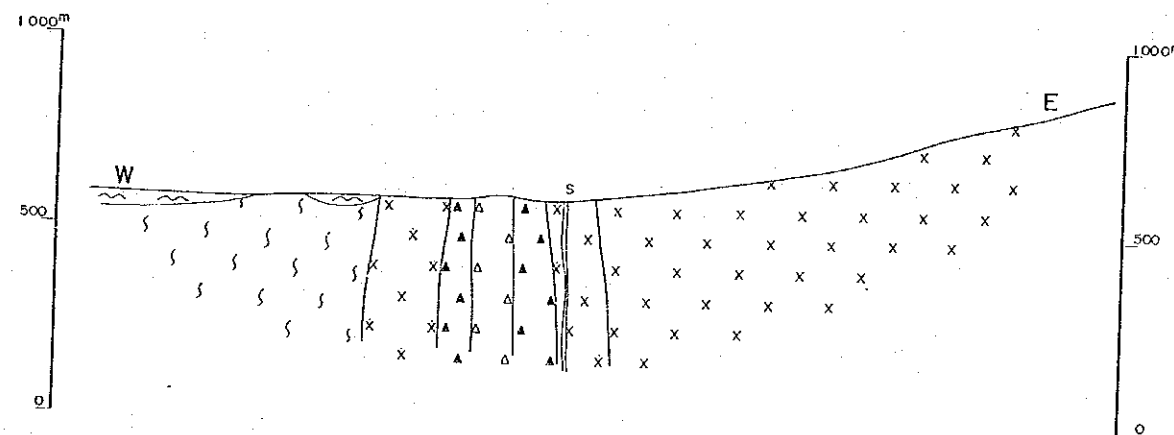
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Palaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metopyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite

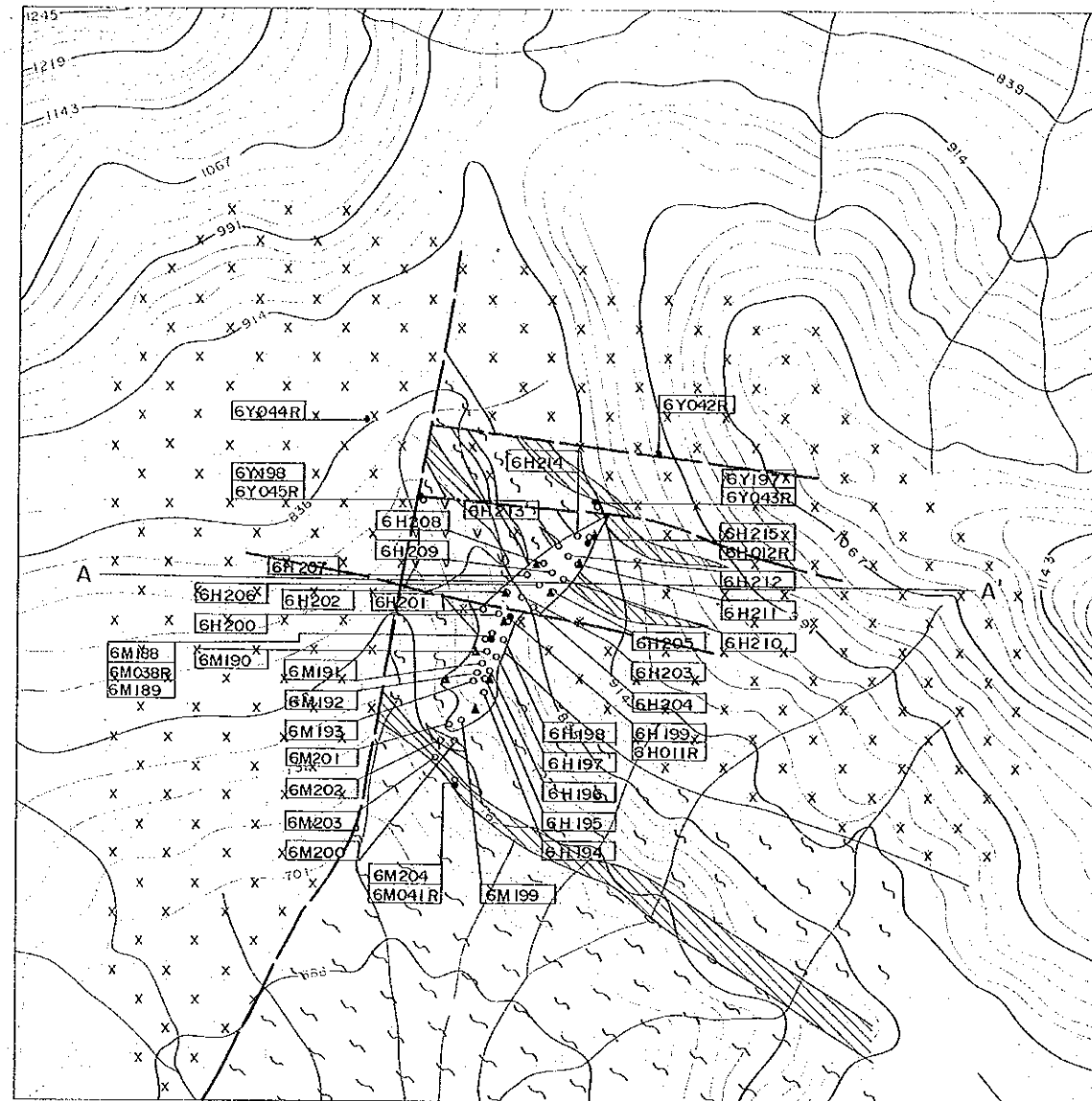


A-A' Section
(N70W)

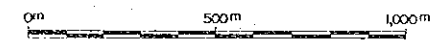
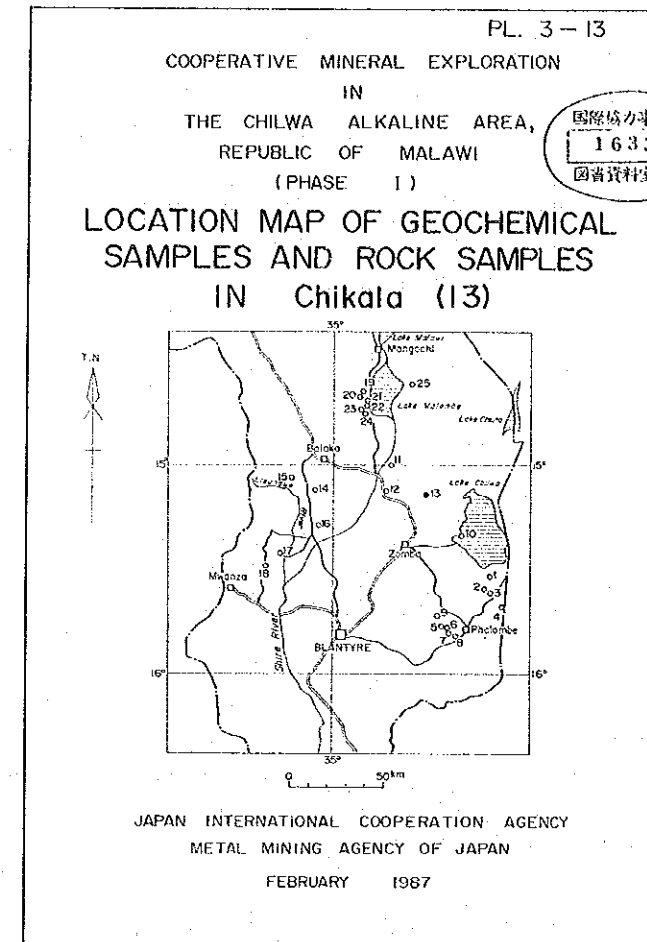
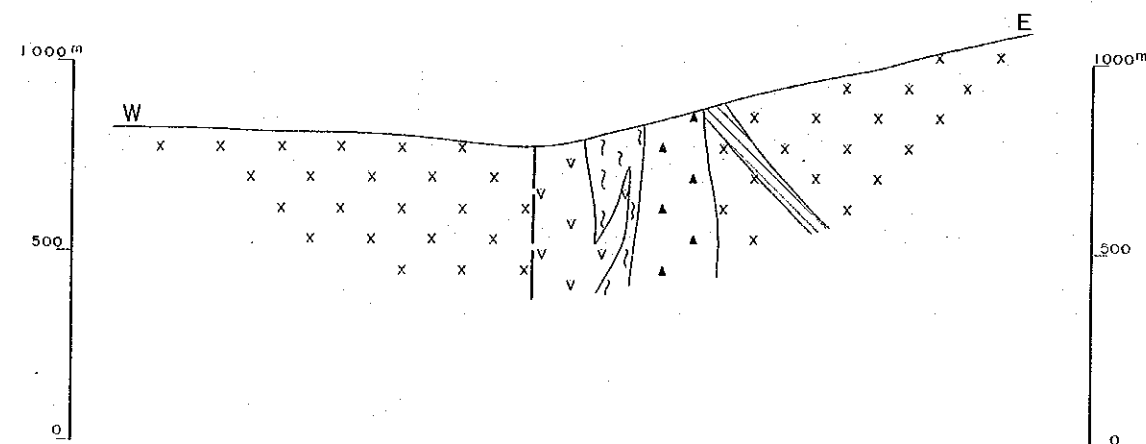


LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fenitized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Pulaskite)
- Nepheline syenite (Foyaitite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metaproxenite, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs
 - I - Trachyte
 - P - Phonolite
 - N - Nephelinite
 - MF - Microfoyaite
 - S - Sölvbergite
 - I - Ijolite
 - D - Dolerite
 - M - Menchiquite
 - A - Aplitite
- Fault
- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
- ROCK SAMPLES



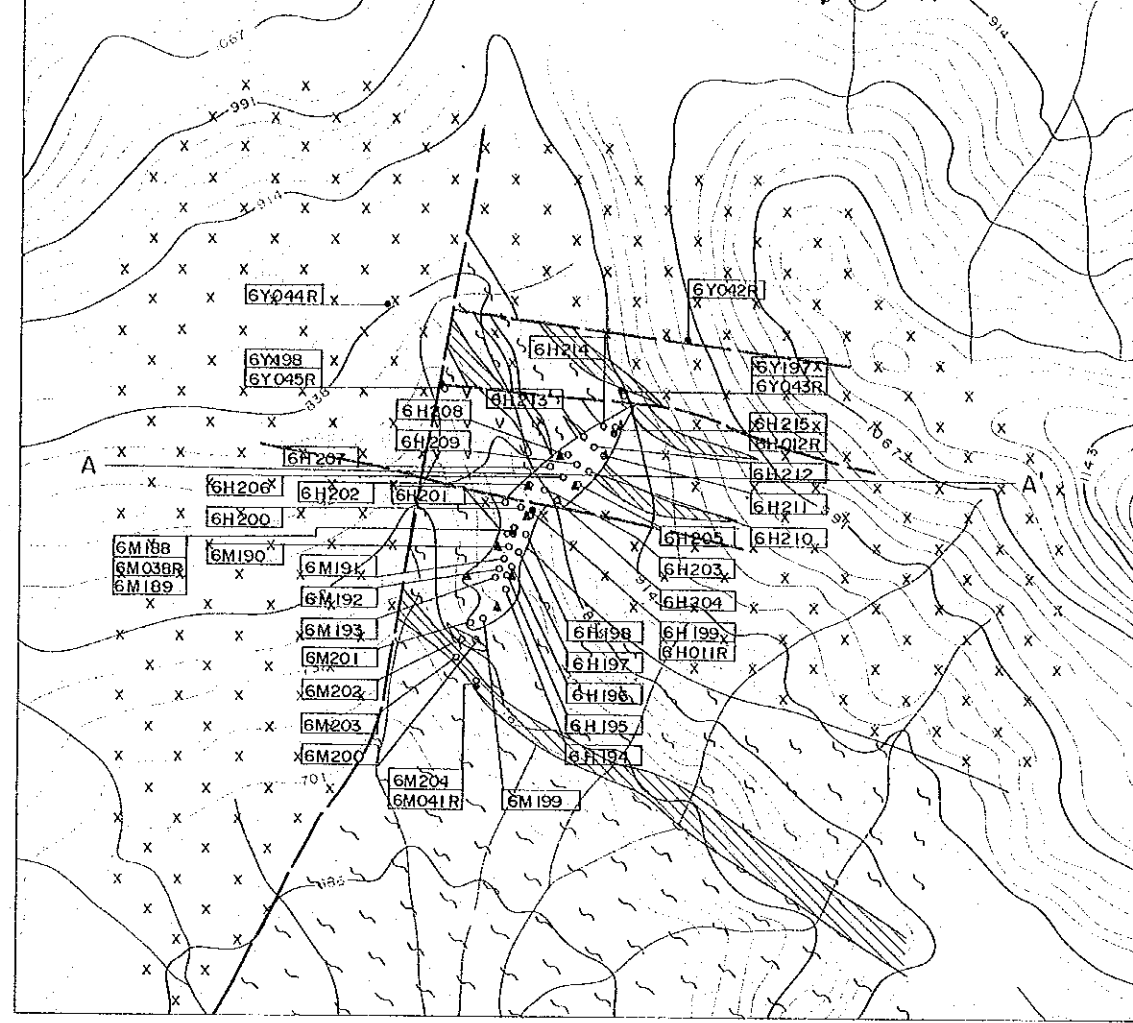
A-A' Section
(W-E)



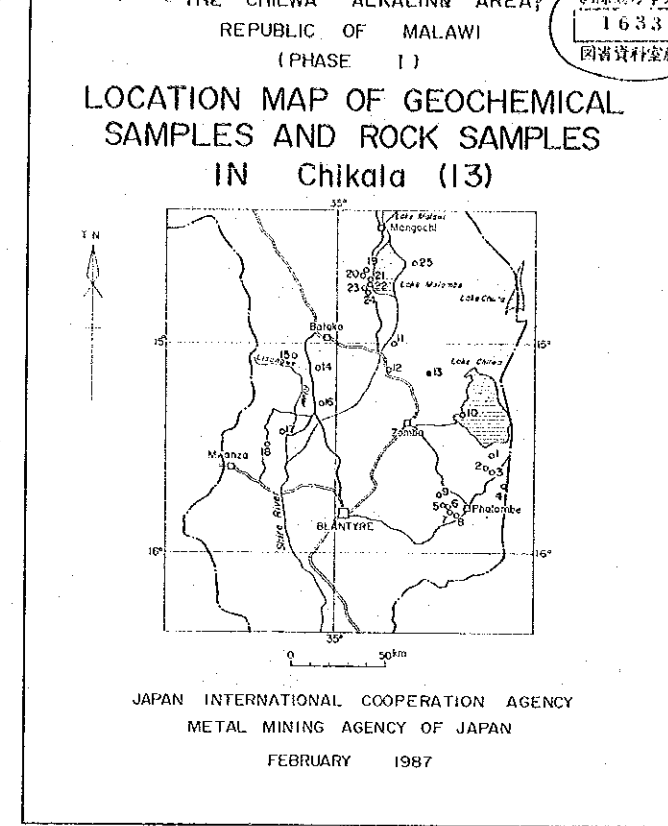
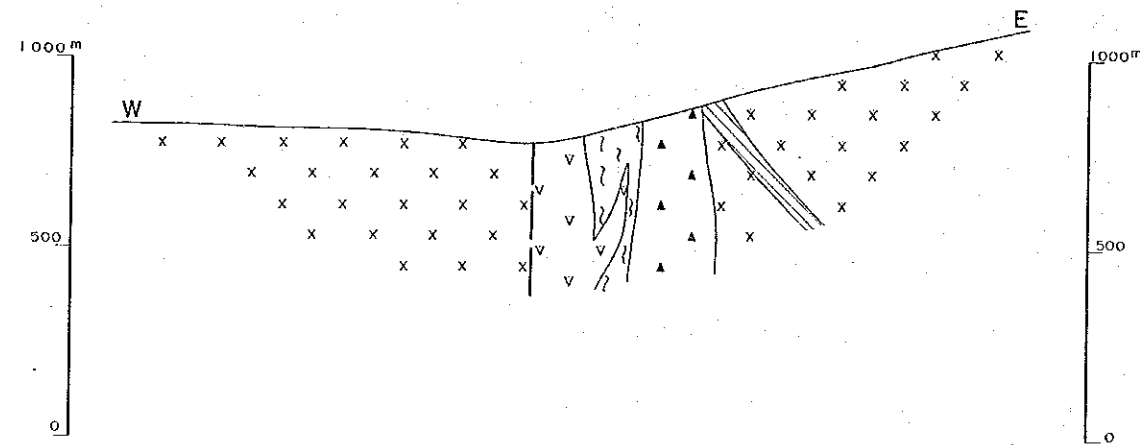
Scale 1:10,000

LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fertilized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Fulaskite)
- Nepheline syenite (Foyaite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metapyroxenite, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs
- T - Trachyte
- P - Phonolite
- N - Nephelinite
- MF - Microfoyaite
- S - Sövsbergite
- I - Ijolite
- D - Dolerite
- M - Monchiquite



A - A' Section
(W - E)

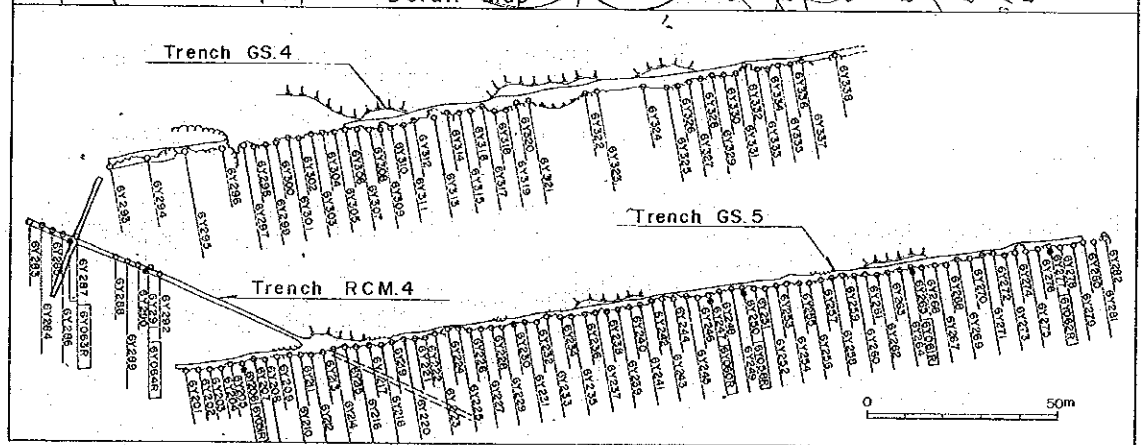
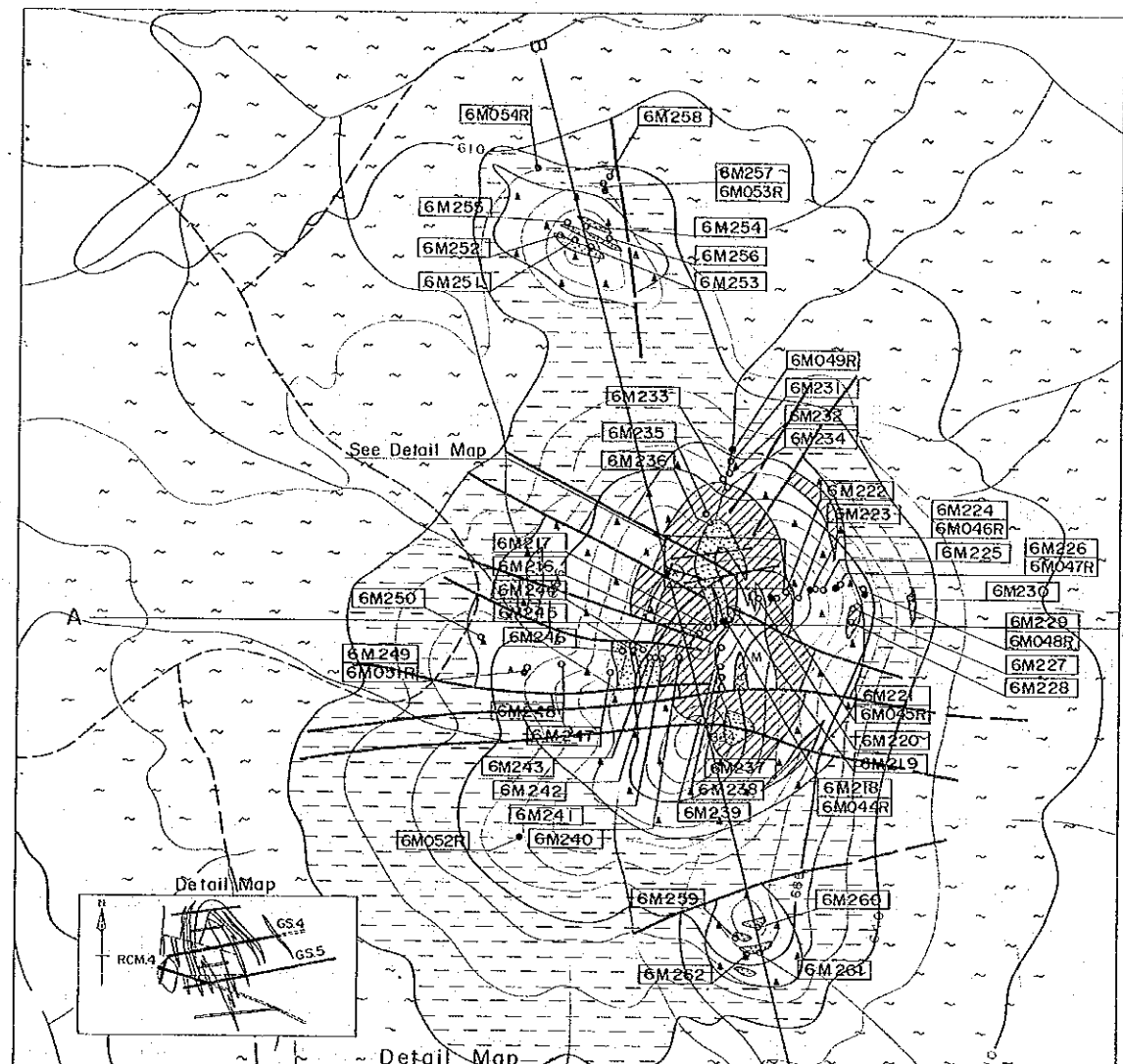


Scale 1 : 10,000

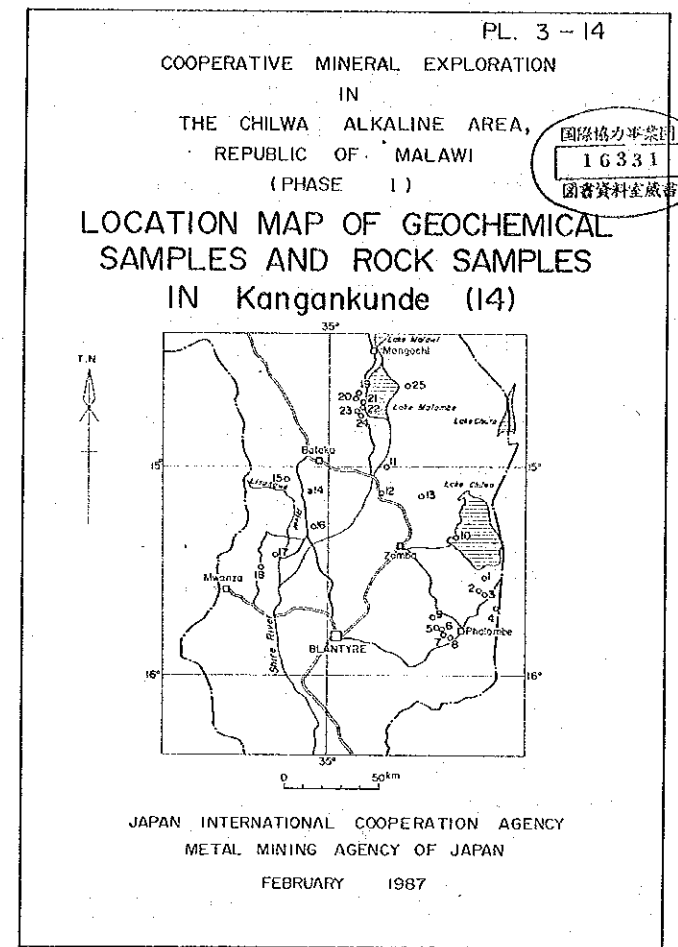
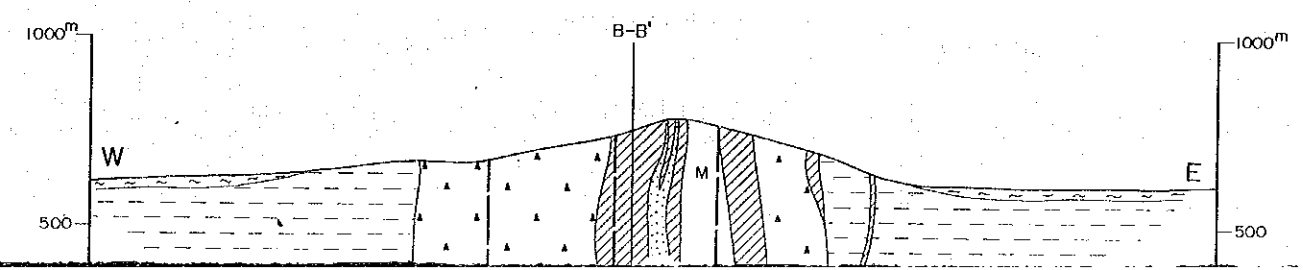
LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fenitized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaitite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metaproxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplite
- Fault
- Dip of foliation of gneiss

- 6Y001 GEOCHEMICAL SAMPLES
- 6Y001R ROCK SAMPLES

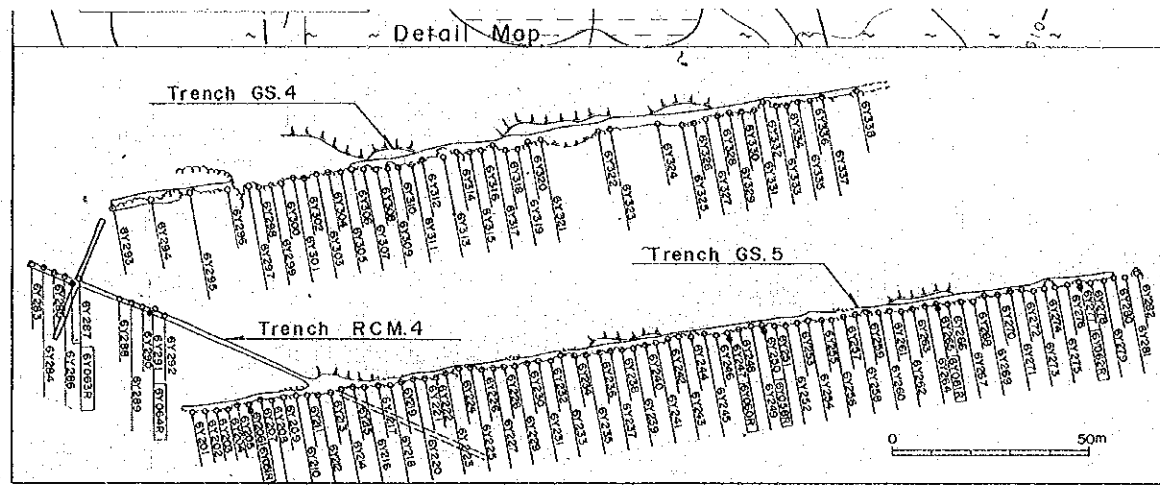


A-A' Section (W-E)

















Scale 1 : 10,000

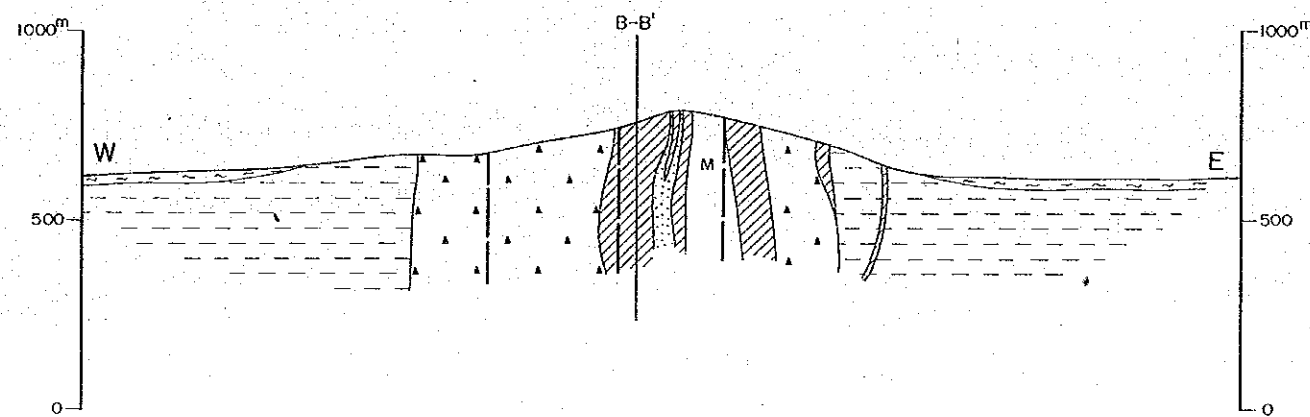
- LEGEND
- Drift
 - Dykes: S-sölvbergite A-ainöite
 - Drusy quartz-rock
 - Manganiferous carboxapatite
 - Carbonatite
 - Carbonatized feldspathic rock
 - Feldspathic breccia, carbonatite-agglom
 - Apatite-beforsite
 - Feldspathized fenite
 - Fault
 - Dip of flow-structure
 - Dip of gneiss
 - GEOCHEMICAL SAMPLES
 - ROCK SAMPLES



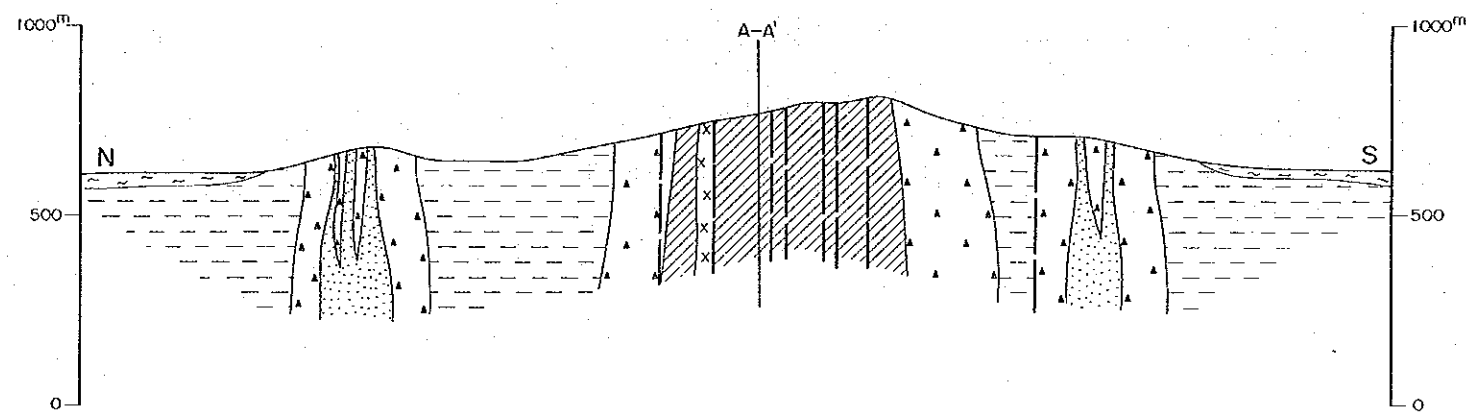
LEGEND

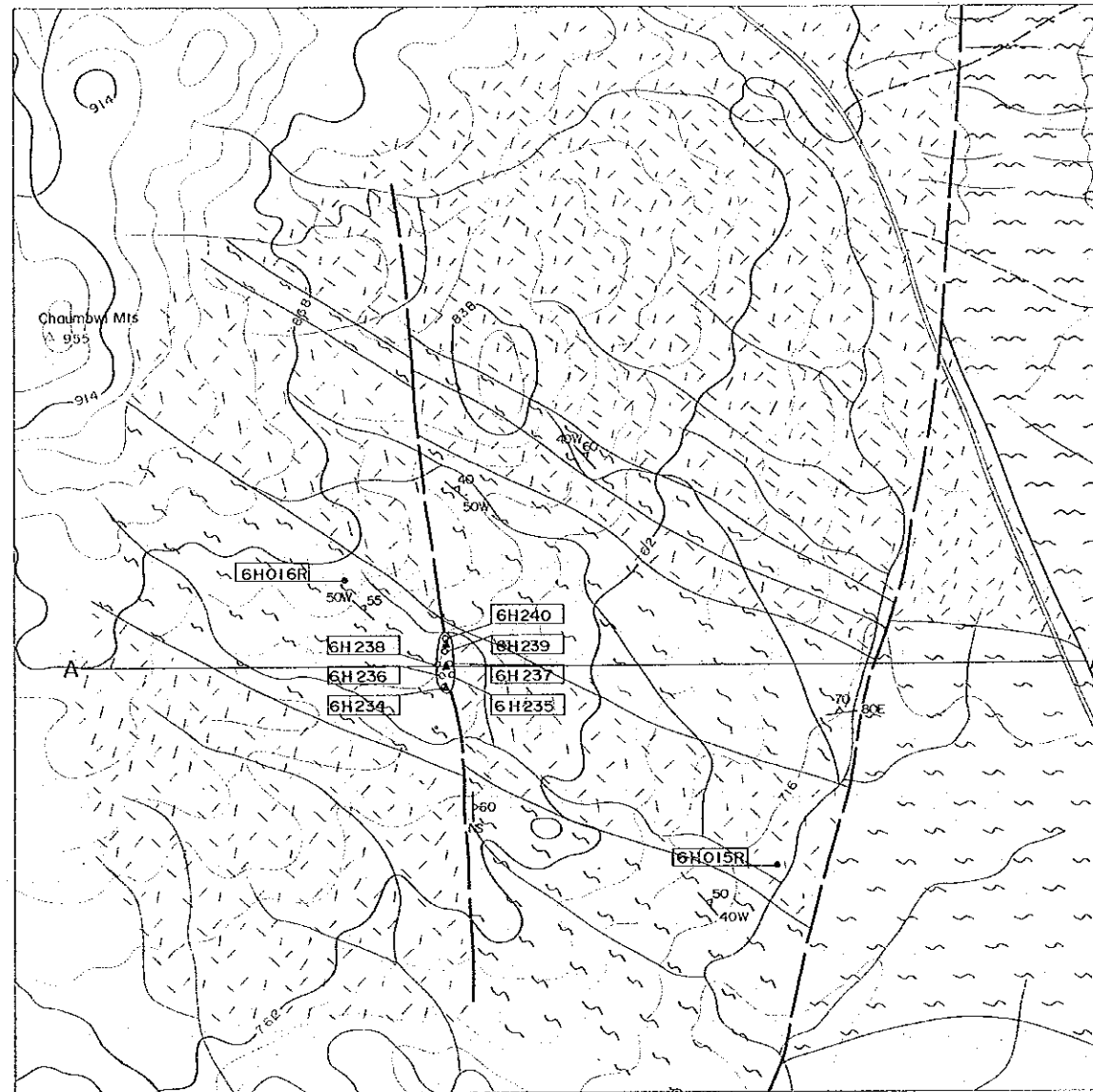
-  Drift
-  Dykes: S - sölvbergite A - alnöite
-  Drusy quartz-rock
-  Manganiferous carbonatite
-  Carbonatite
-  Carbonatized feldspathic rock
-  Feldspathic breccia, carbonatite-agglom
-  Apatite-beforsite
-  Feldspathized fenite
-  Fault
-  Dip of flow-structure 80
-  Dip of gneiss 25
-  6Y001 GEOCHEMICAL SAMPLES
-  6Y001R ROCK SAMPLES

A-A' Section
(W-E)

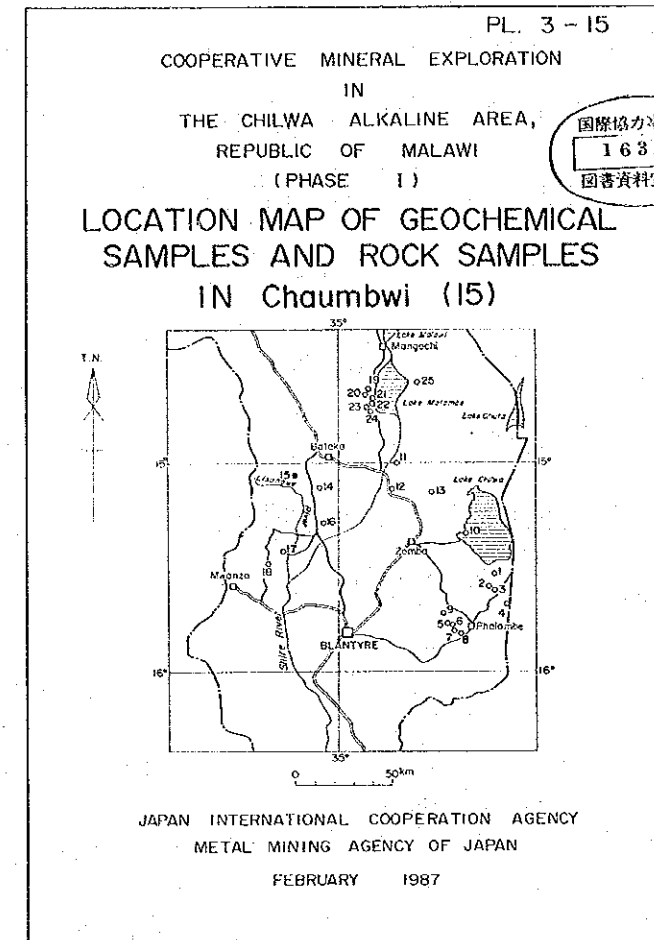
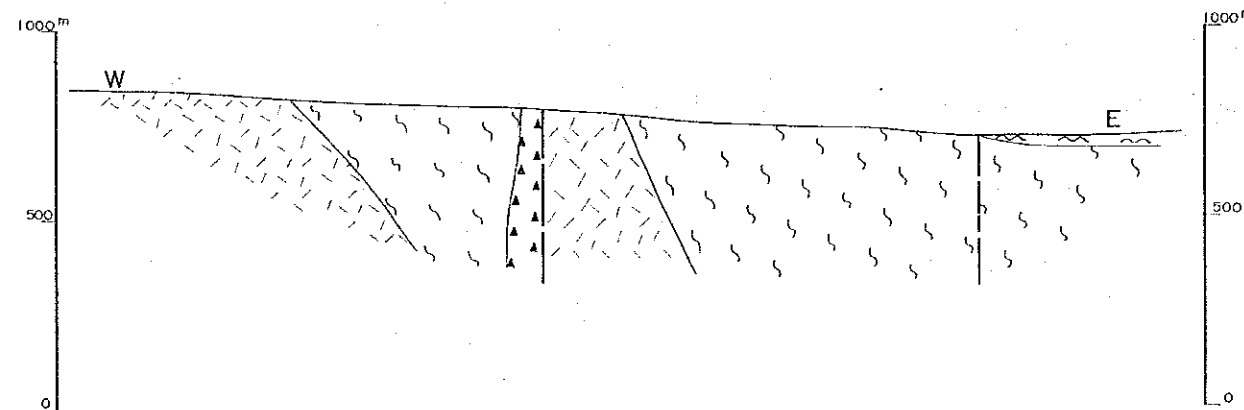


B-B' Section
(N15W)





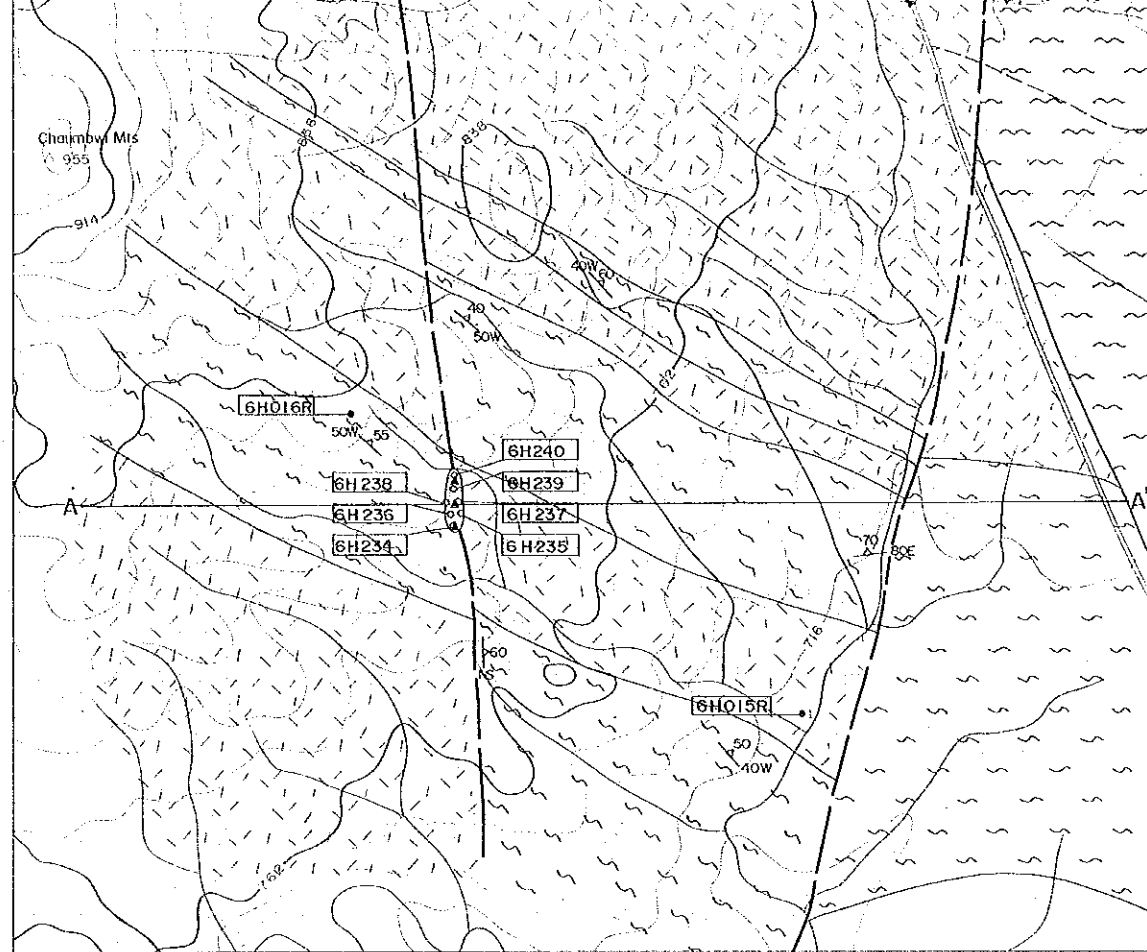
A - A Section
(W-E)



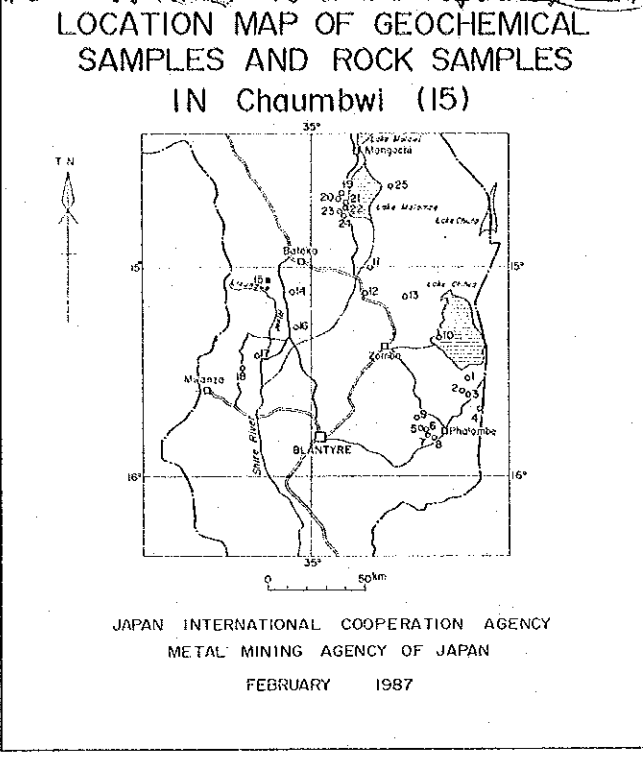
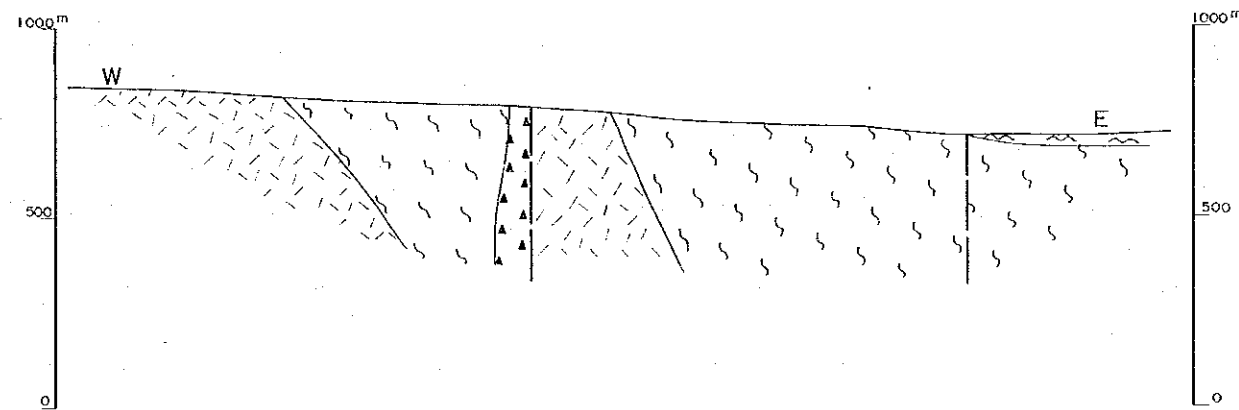
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Fulaskite)
 - Nepheline syenite (Foyoite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metapyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyoite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite



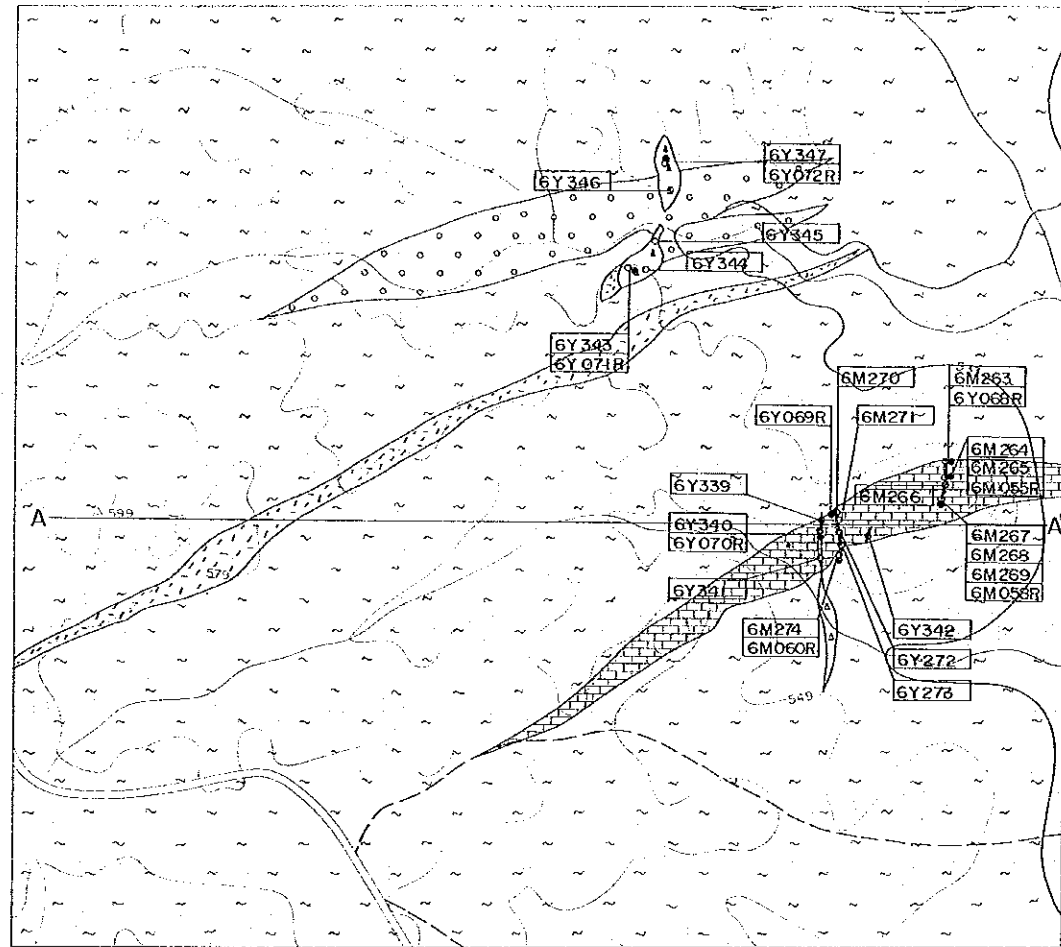
A - A Section
(W - E)



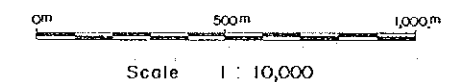
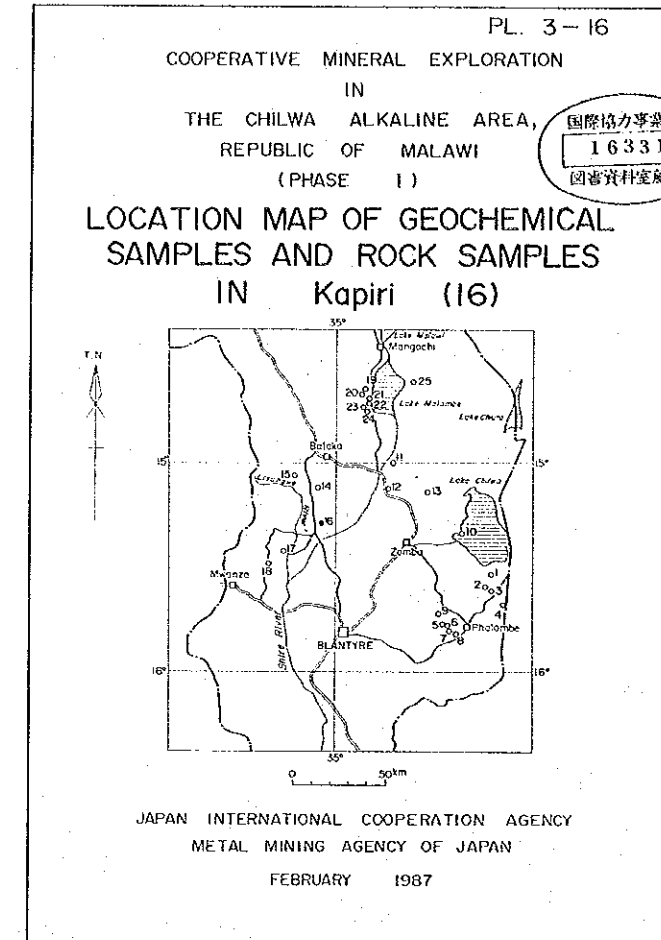
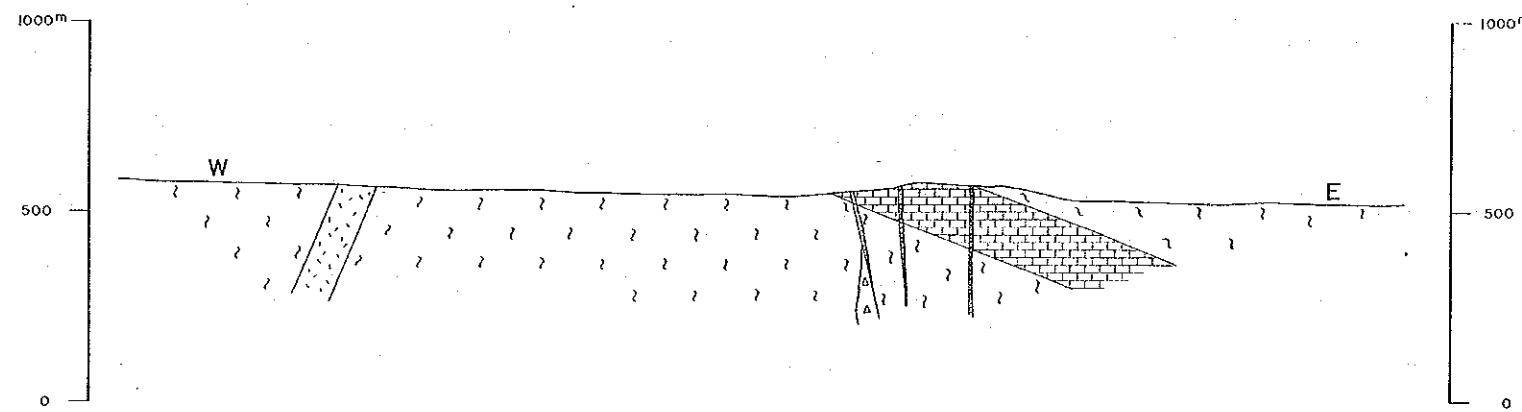
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonitic breccia
 - Fenitized gneiss
 - Trachyte
 - Phonite
 - Nephelinite
 - Syenite (Palaskite)
 - Nephelina syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metaproxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
 - P - Phonite
 - N - Nephelinite
 - MF - Microfoyaite
 - S - Sölvbergite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplite
- Fault
 - Dip of foliation of gneiss
- 6Y001 GEOCHEMICAL SAMPLES
 - 6Y001R ROCK SAMPLES



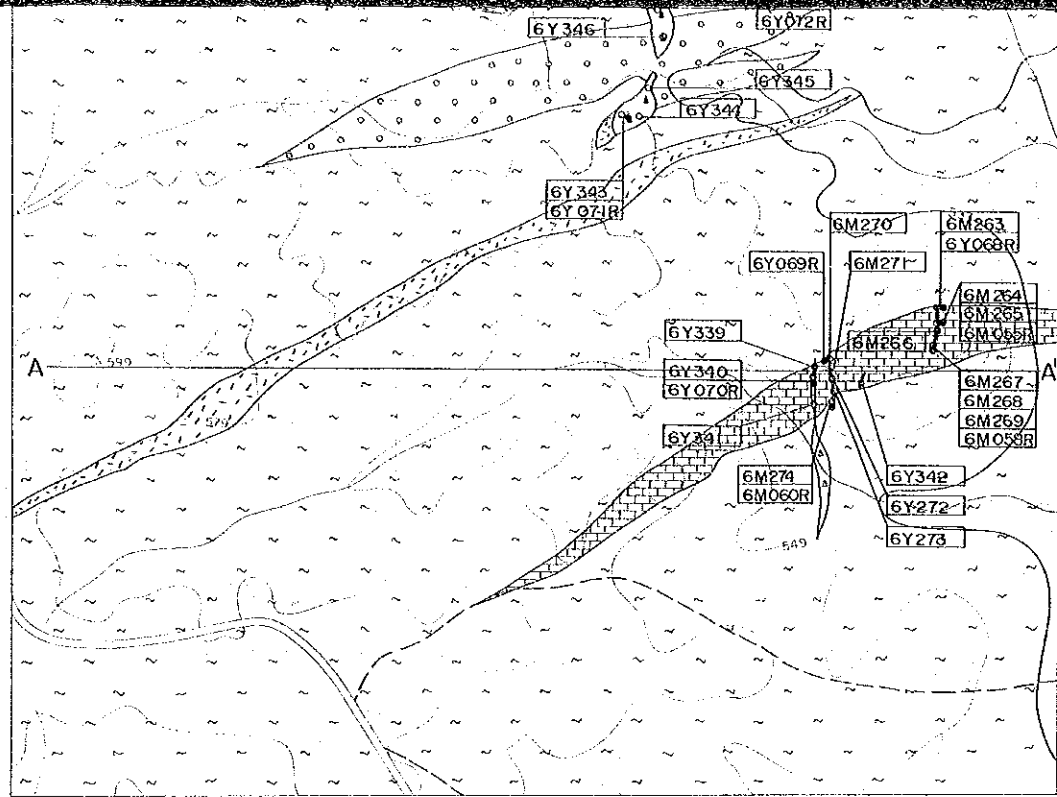
A-A' Section
(W-E)



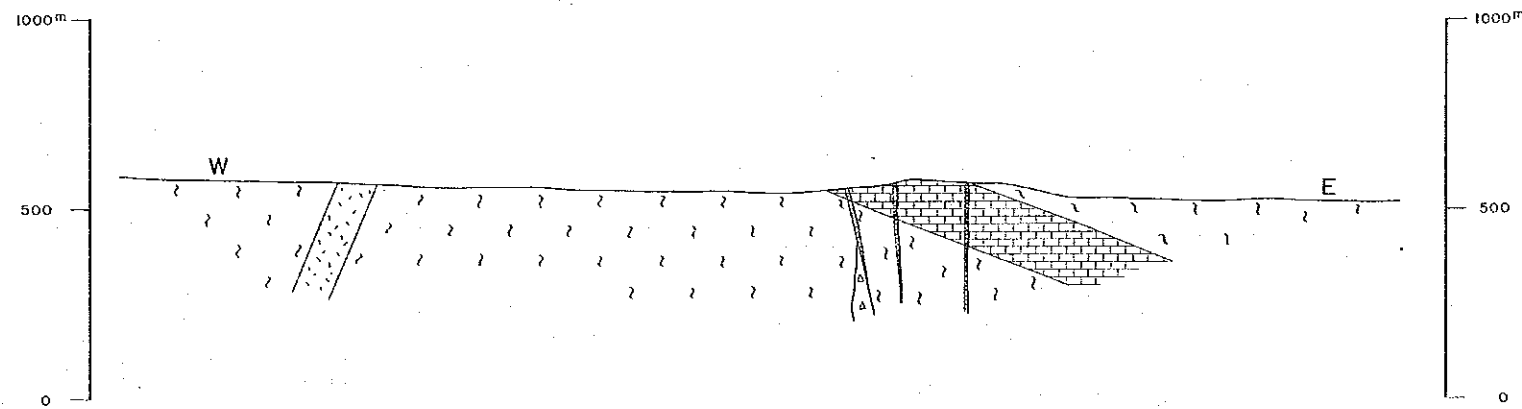
LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fertilized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Foyaitite)
- Nepheline syenite (Foyaite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metaproxenite, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs

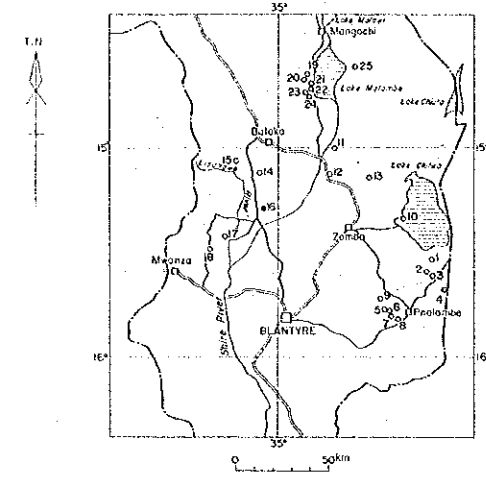
- T - Trachyte
- P - Phonolite
- N - Nephelinite
- MF - Microfoyaite
- S - Sövsbergite
- I - Ijolite
- D - Dolerite
- M - Monchiquite
- A - Aplite



A-A' Section
(W-E)



(PHASE I)
LOCATION MAP OF GEOCHEMICAL
SAMPLES AND ROCK SAMPLES
IN Kapiri (16)

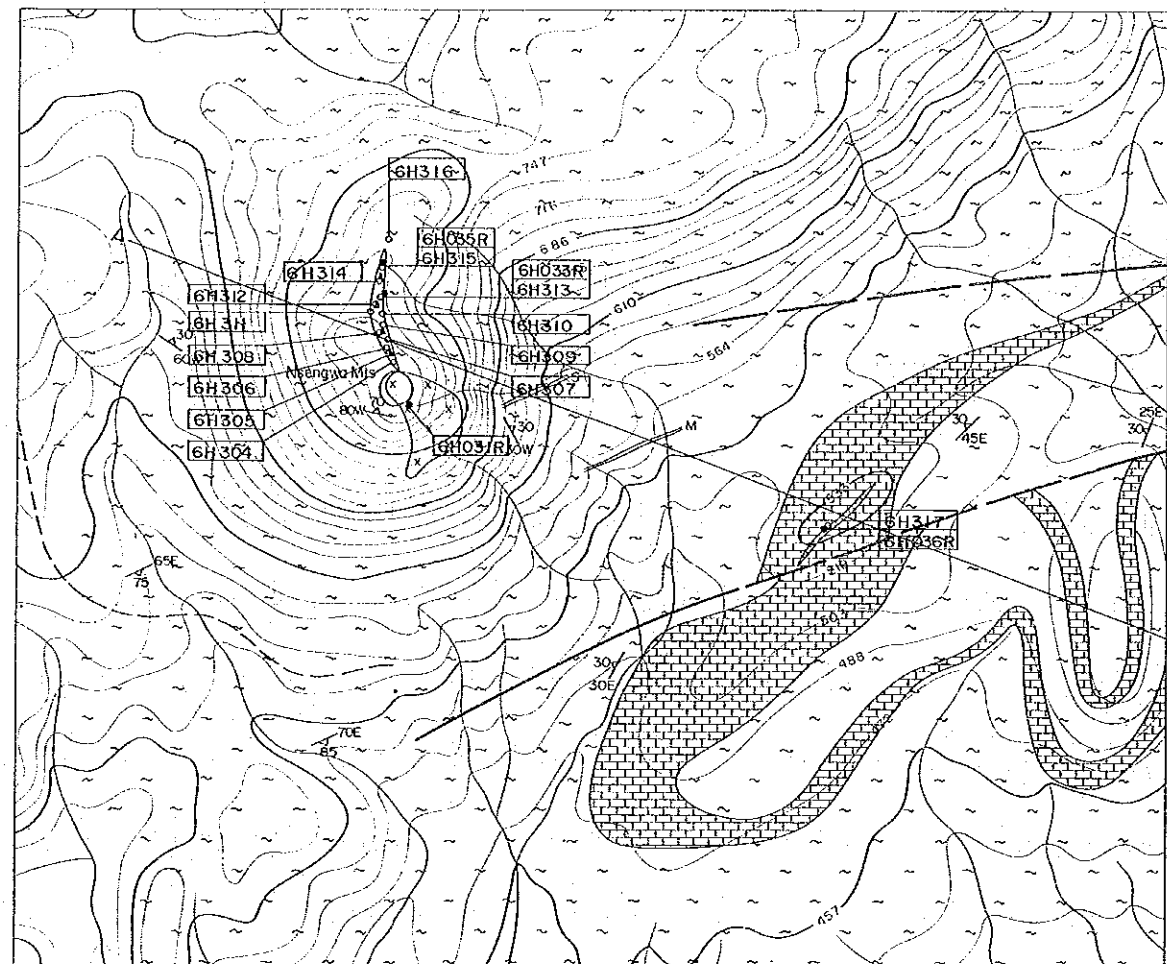


JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRUARY 1987

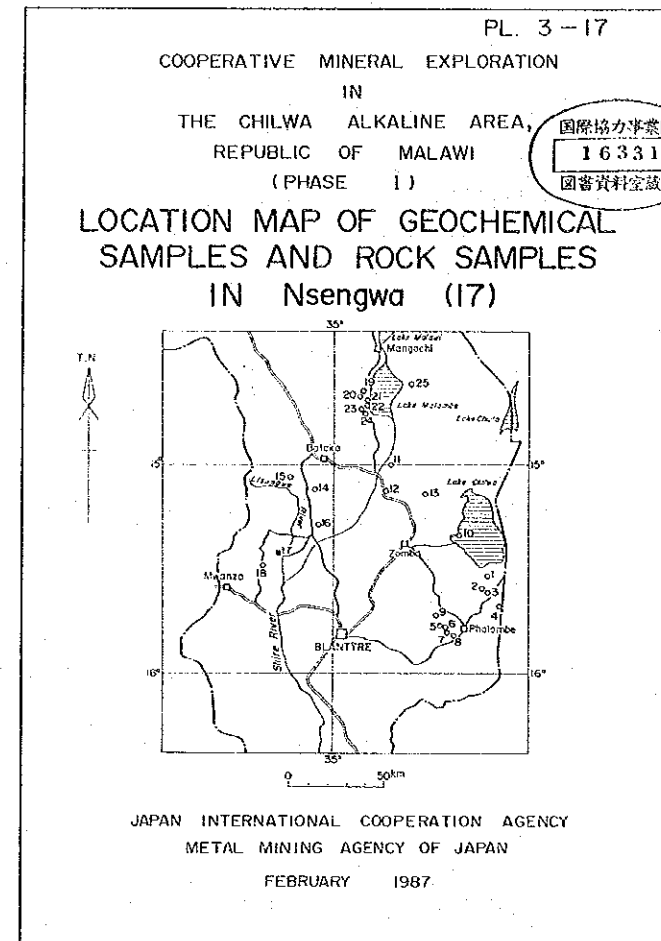
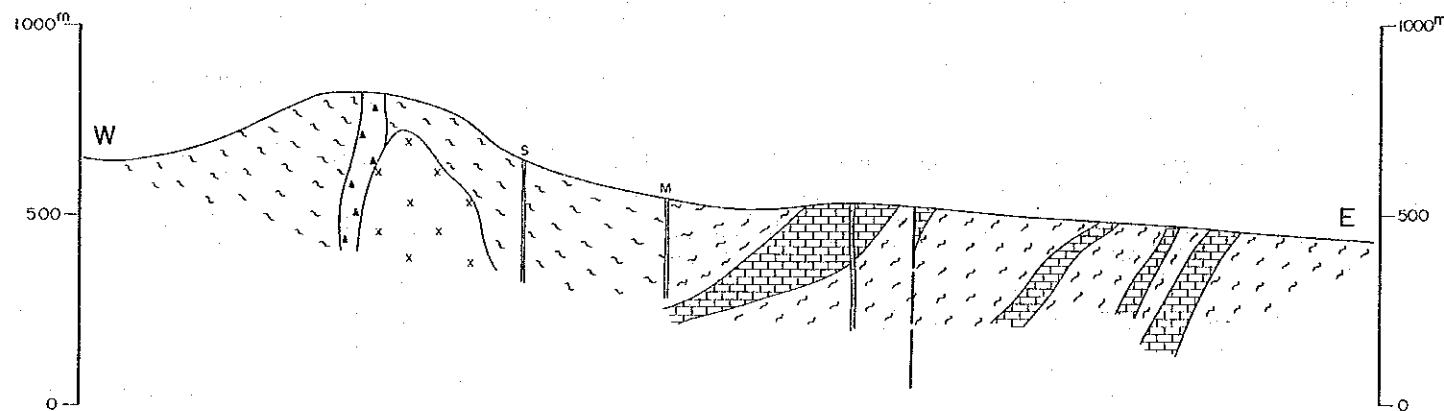
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fenitized gneiss
 - Trochyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Parthosite
 - Biotite-metaproxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trochyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Manchiquite
A - Aplite
- Fault
Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
 ROCK SAMPLES



A-A' Section
(N70W)

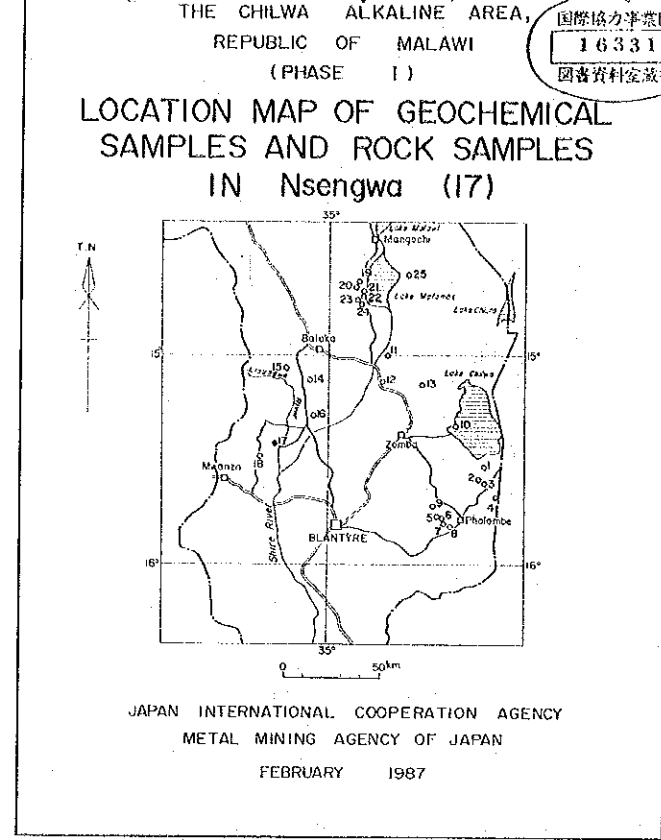
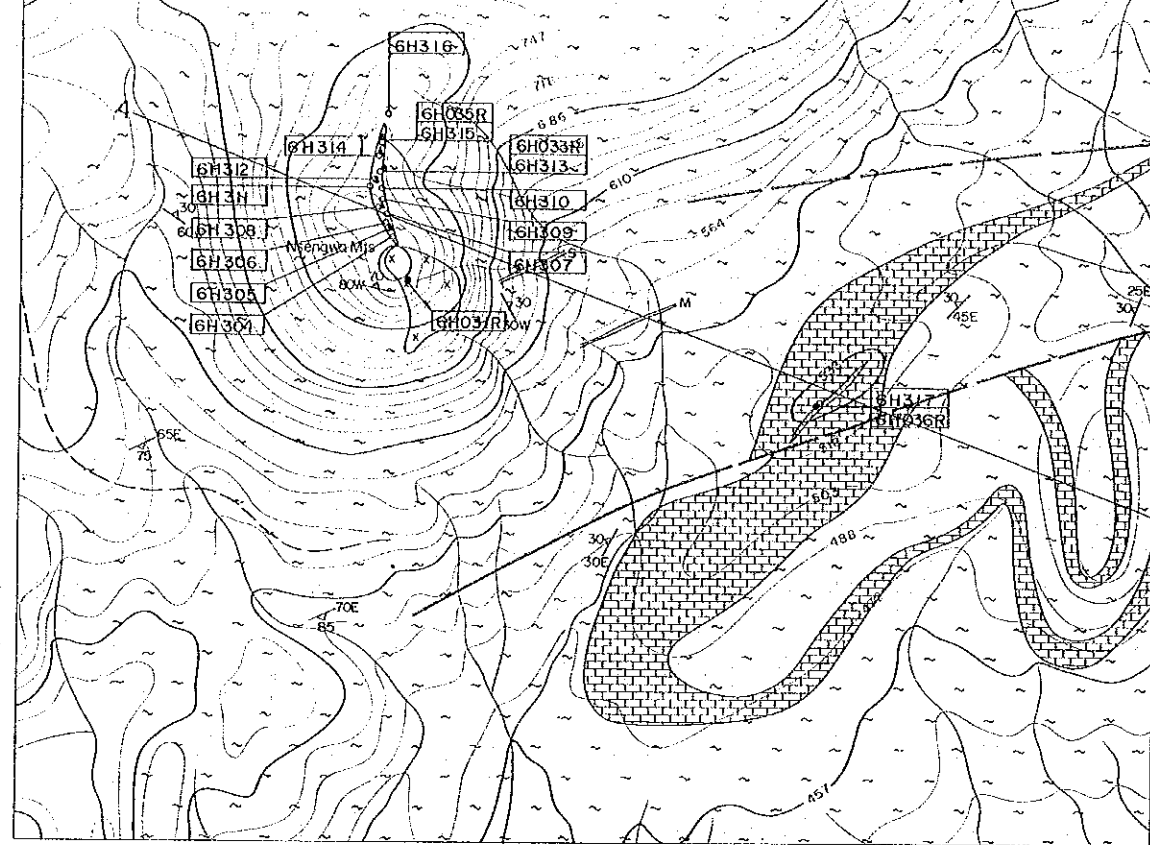


0m 500m 1,000m

Scale 1 : 10,000

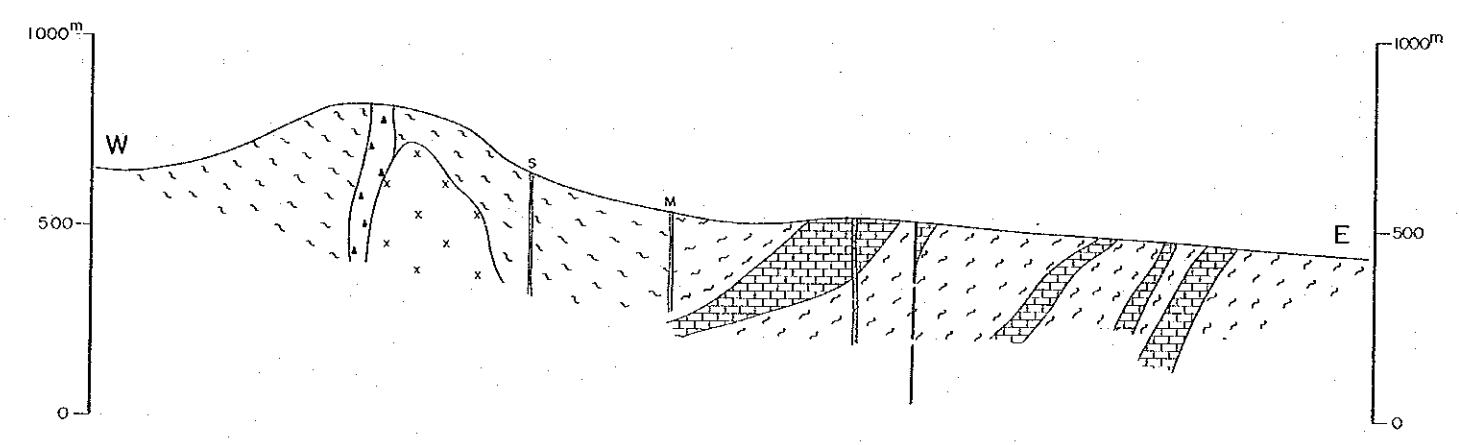
LEGEND

- | | |
|--|--|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Pulaskite) |
| | Nepheline syenite (Foyalite) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metapyroxenite, metagabbro & biotitite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyalite
S - Sövitebergite
I - Ijalite
D - Dolerite



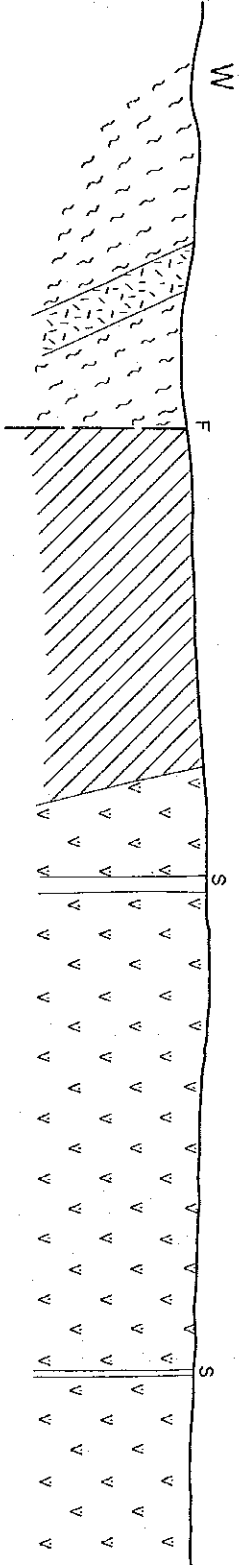
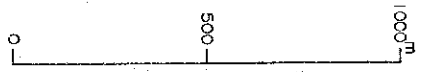
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A-A' Section (N70W)

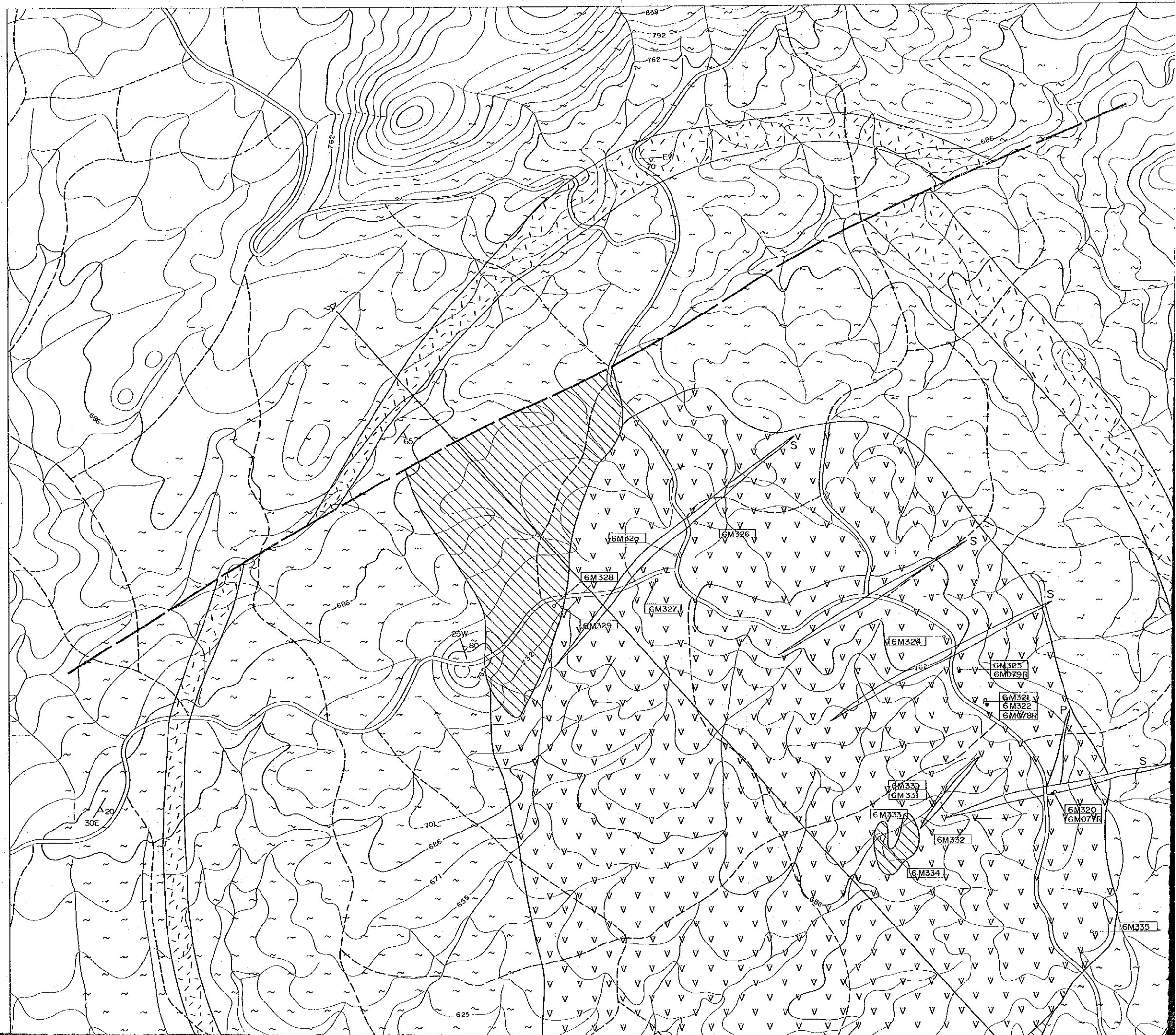


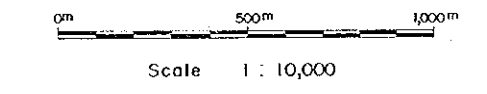
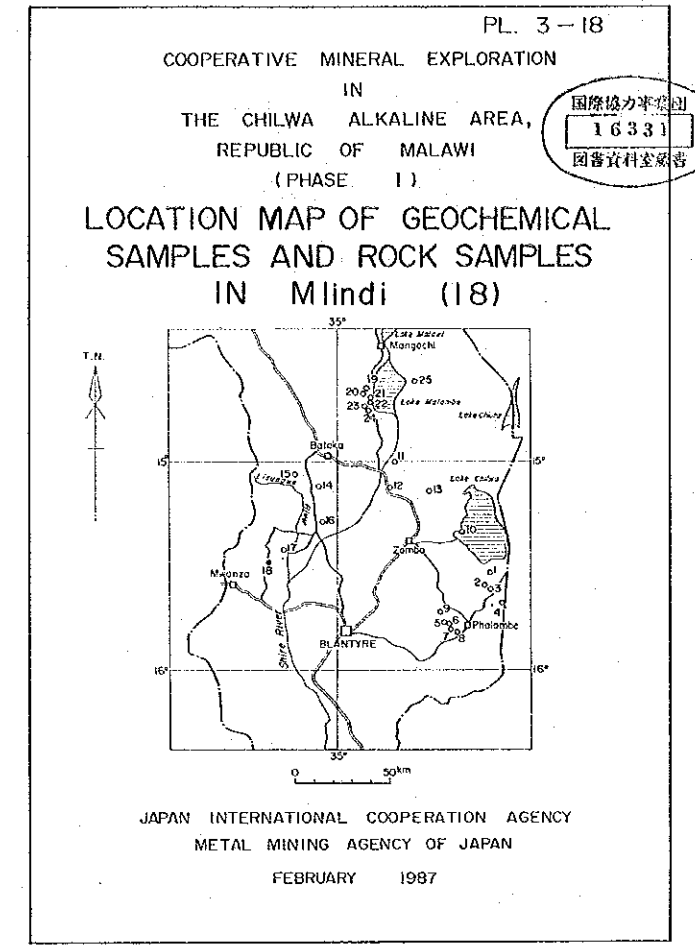
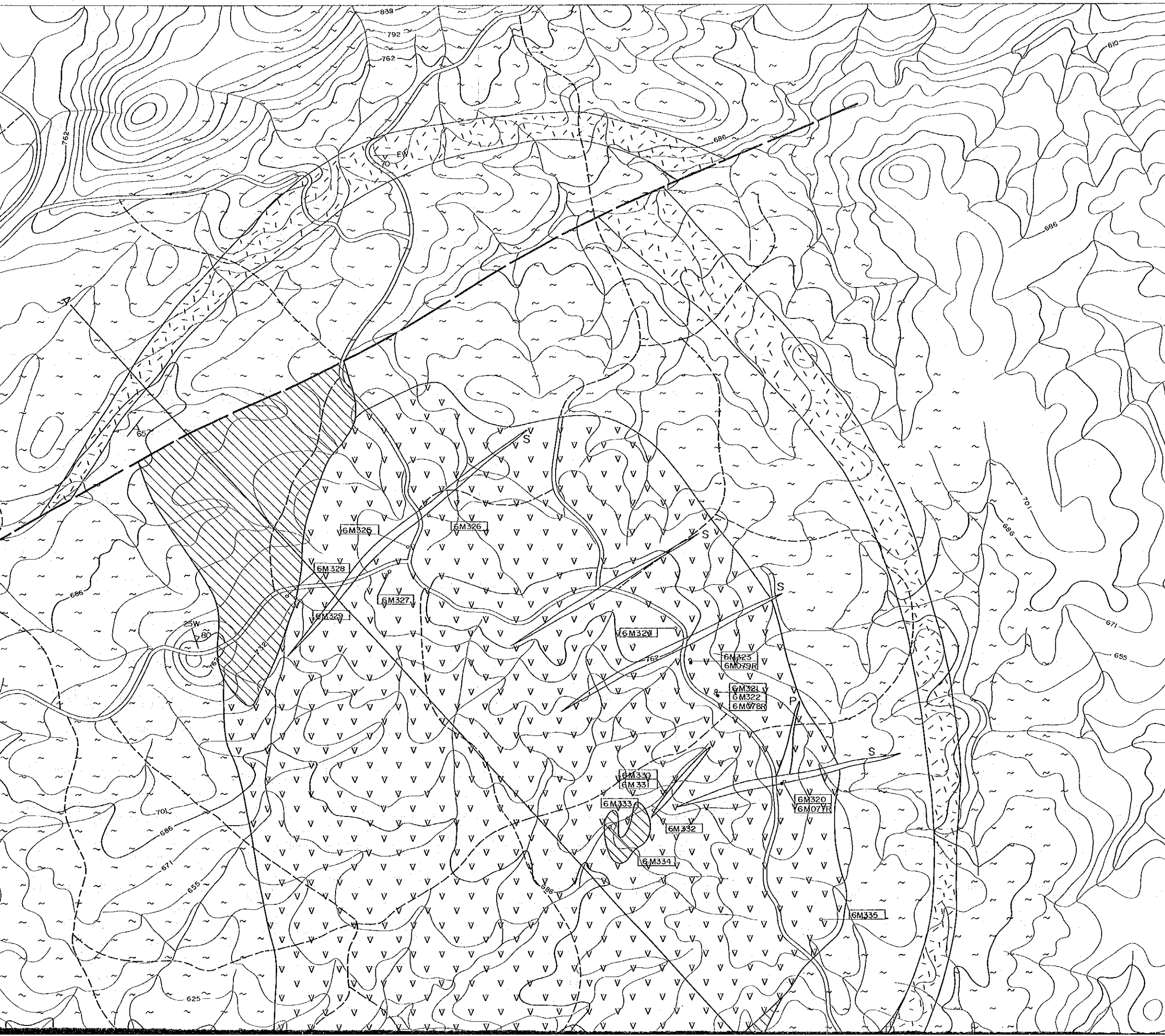
LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fenitized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Pulaskite)
- Nepheline syenite (Foyaitite)
- Hornblende biotite-gneiss
- Granulate and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metapyroxene, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs
 - T - Trachyte
 - P - Phonolite
 - N - Nephelinite
 - MF - Microfoiyite
 - S - Söivsborgite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplite
- Fault
- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
- ROCK SAMPLES



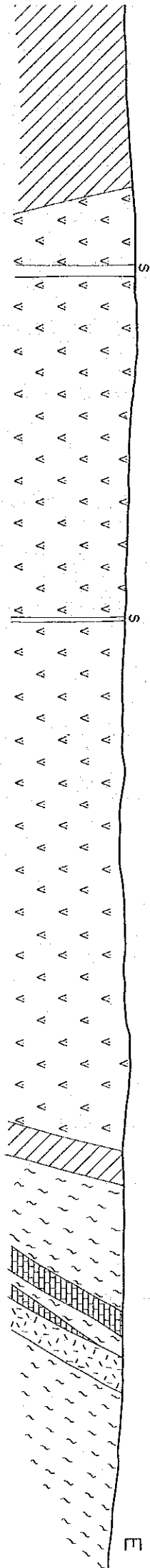
A-A' Section
(N45W)



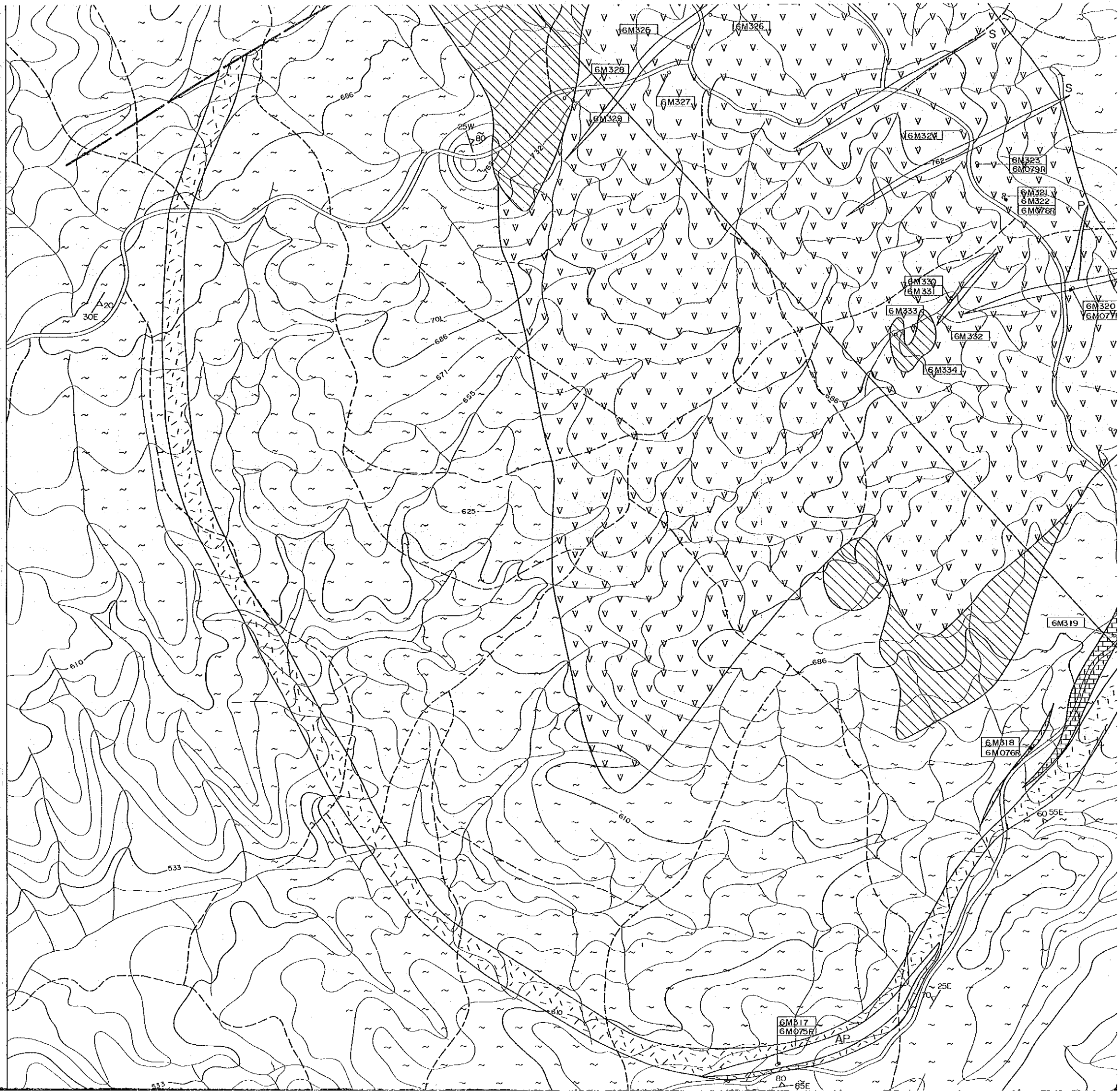


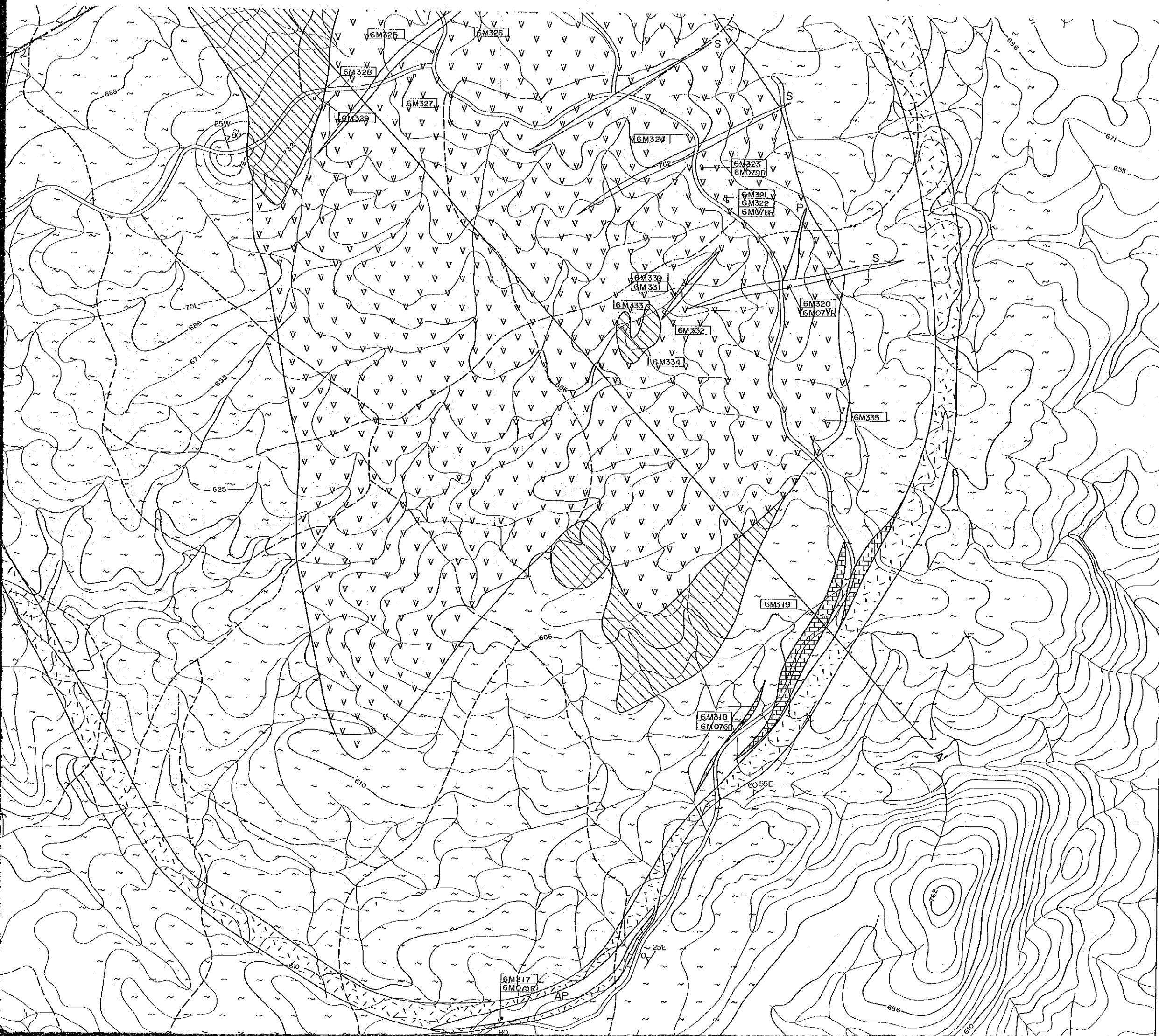
LEGEND

- | | |
|--|--|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Palaskite) |
| | Nepheline syenite (Foyaité) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metapyroxenite, metagabbro & biotifite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
-
- | | |
|----|---------------|
| T | Trachyte |
| P | Phonolite |
| N | Nephelinite |
| MF | Microfoyaite |
| S | Sövitebergite |
| I | Ijolite |
| D | Dolerite |
| M | Monchiquite |
| A | Aplite |
-
- | | |
|--|----------------------------|
| | Fault |
| | Dip of foliation of gneiss |






























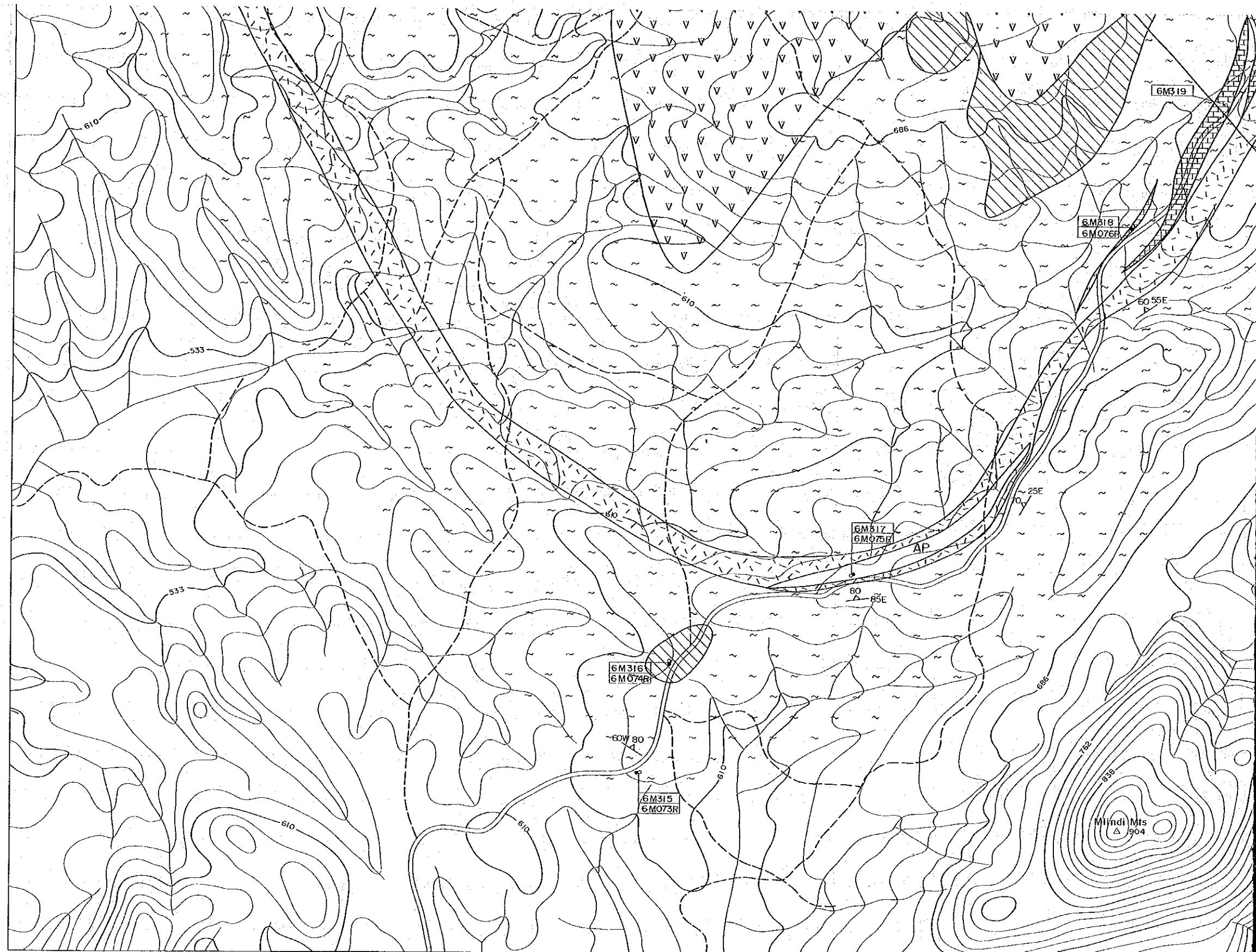
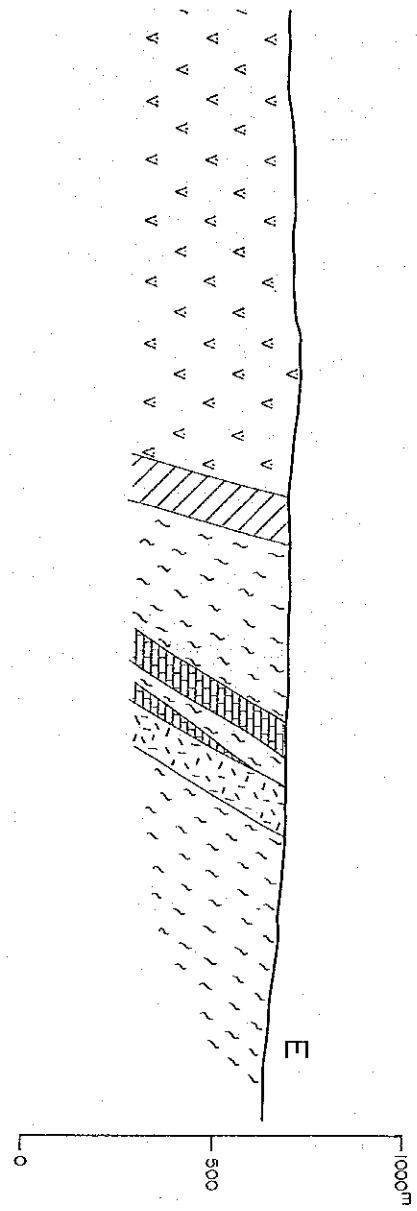
A-A' Section
(N45W)

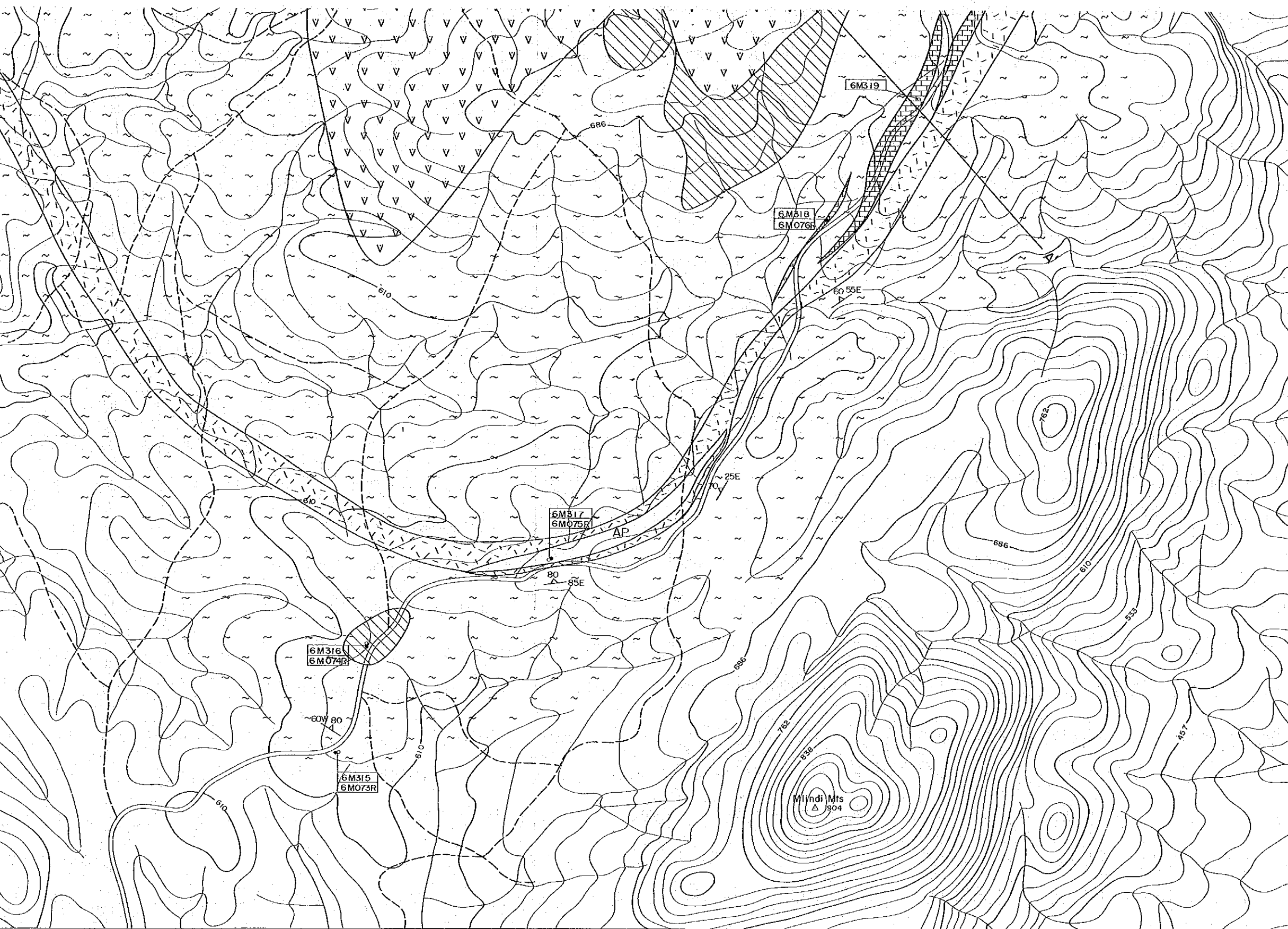




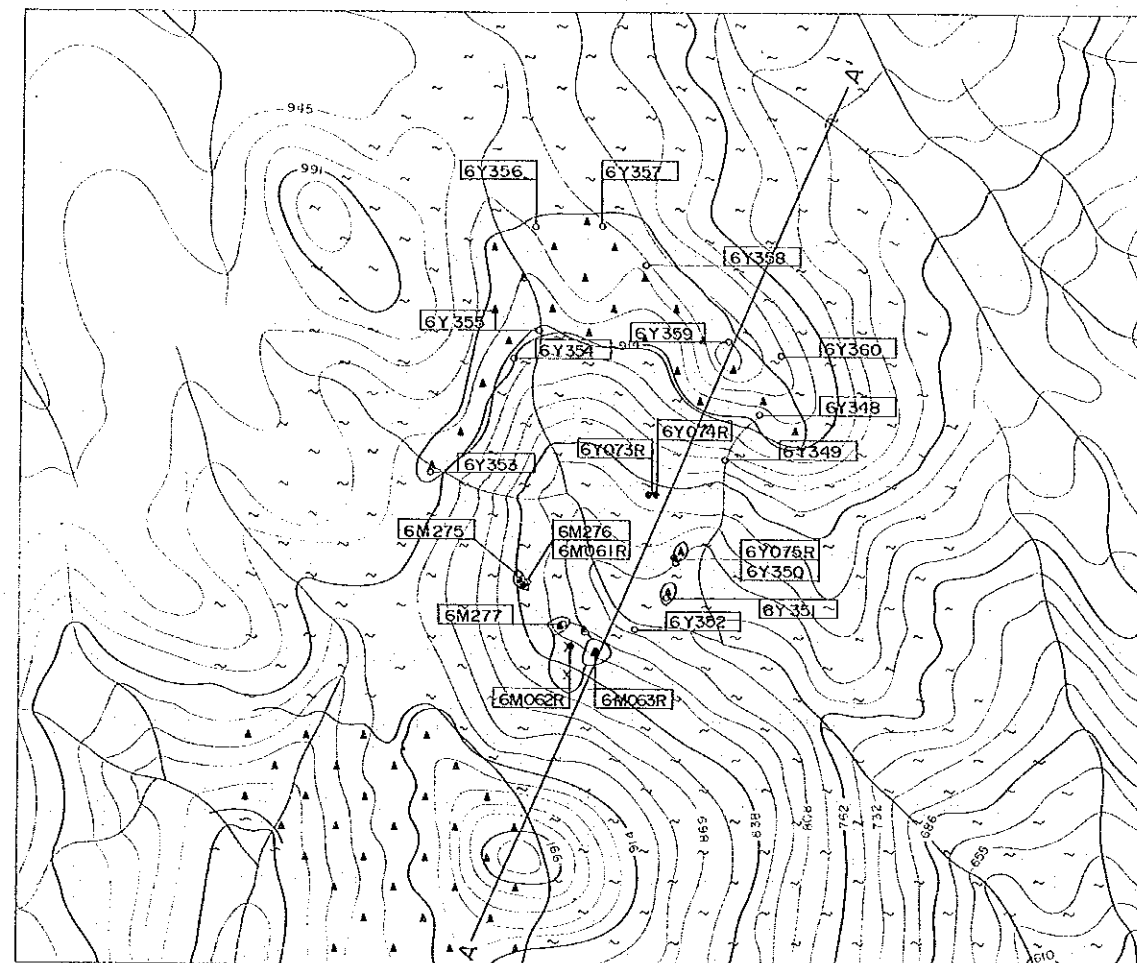
LEGEND

-  Drift
 -  Sideritic carbonatite
 -  Ankeritic sövite
 -  Sövite
 -  Carbonate-Silicate rock
 -  Feldspathic breccia, agglomerate
 -  Phonolitic breccia
 -  Fertilized gneiss
 -  Trachyte
 -  Phonolite
 -  Nephelinite
 -  Syenite (Fulaskite)
 -  Nepheline syenite (Foyaité)
 -  Hornblende biotite-gneiss
 -  Granulite and gneissose granite
 -  Dolomitic marble
 -  Dolerite
 -  Granite
 -  Perthosite
 -  Biotite-metopyroxenite, metagabbro & biotilite
 -  Meta conglomerate
 -  Green pyroxene skarn
 -  Dykes and plugs
- T-Trachyte
 P-Phonolite
 N-Nephelinite
 MF-Microfoyaite
 S-Sölvbergite
 I-Ijolite
 D-Dolerite
 M-Monchiquite
 A-Aplite
-  Fault
 -  Dip of foliation of gneiss
 -  GEOCHEMICAL SAMPLES
 -  ROCK SAMPLES

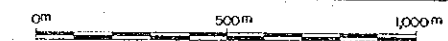
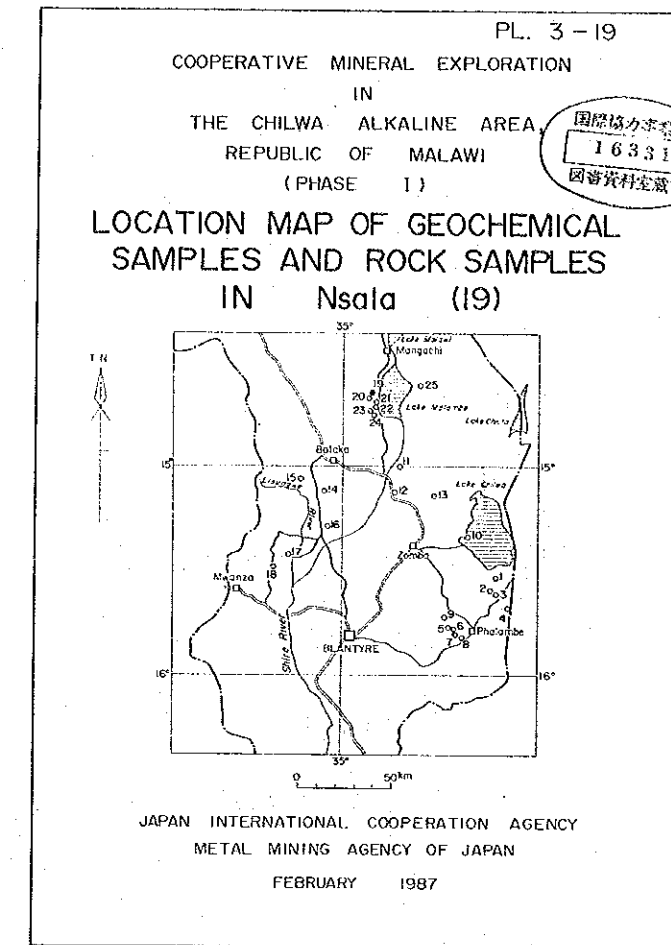
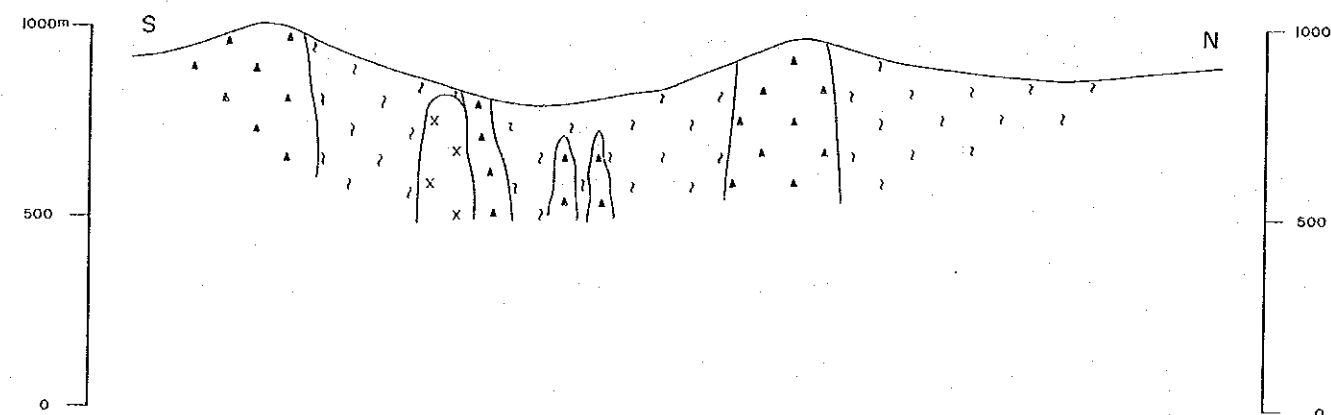




6Y001R ROCK SAMPLES



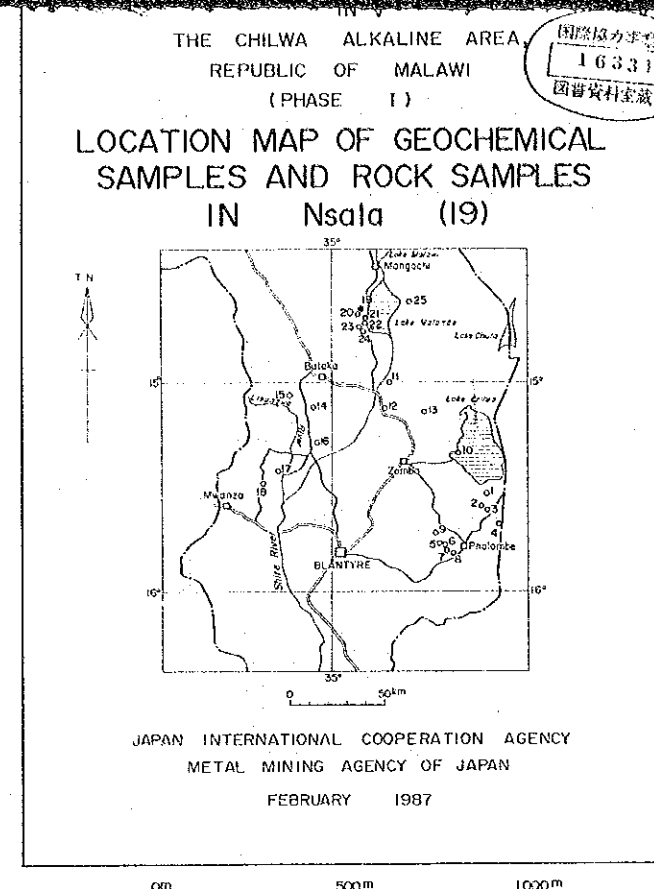
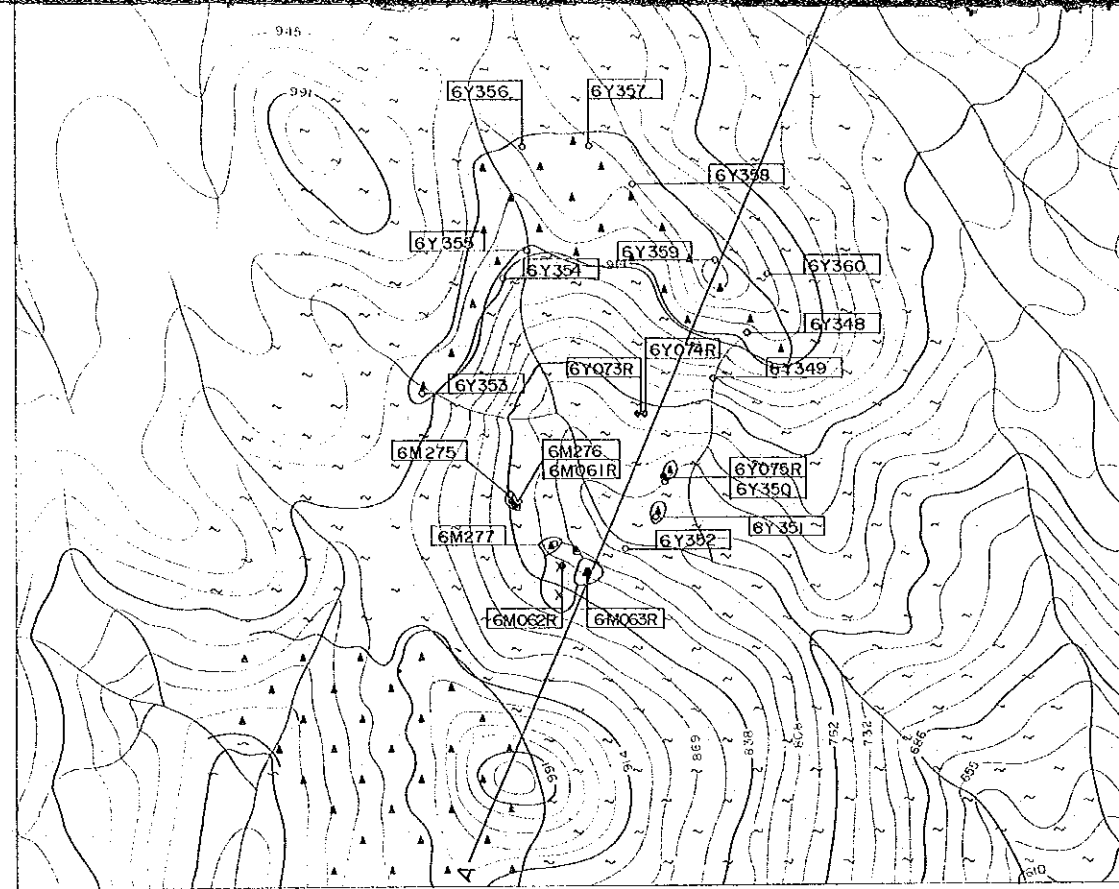
A-A' Section
(N25°E)



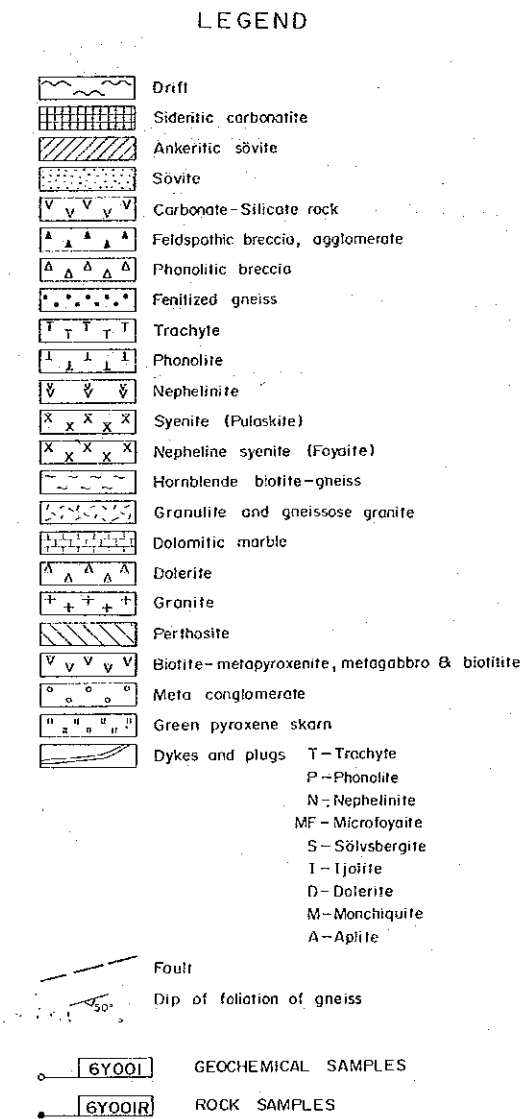
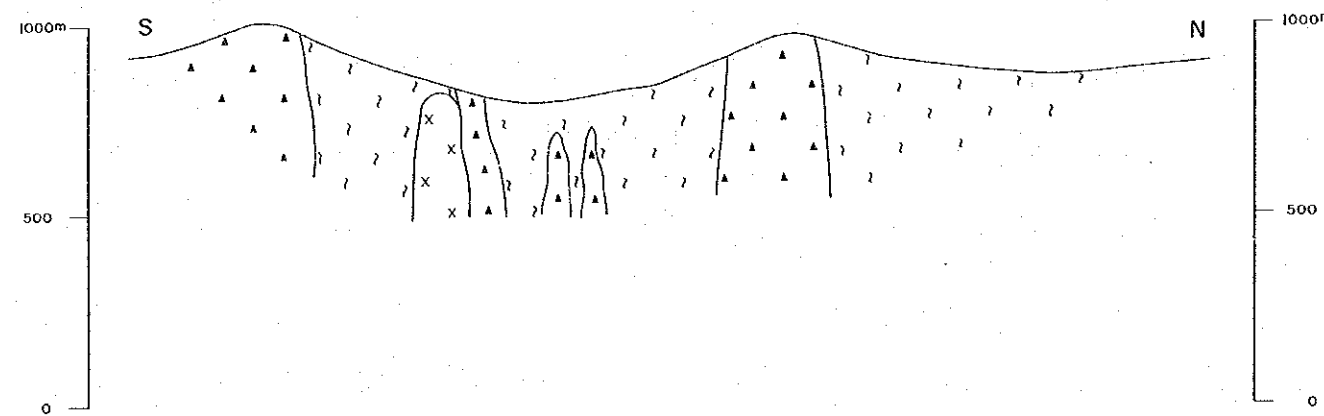
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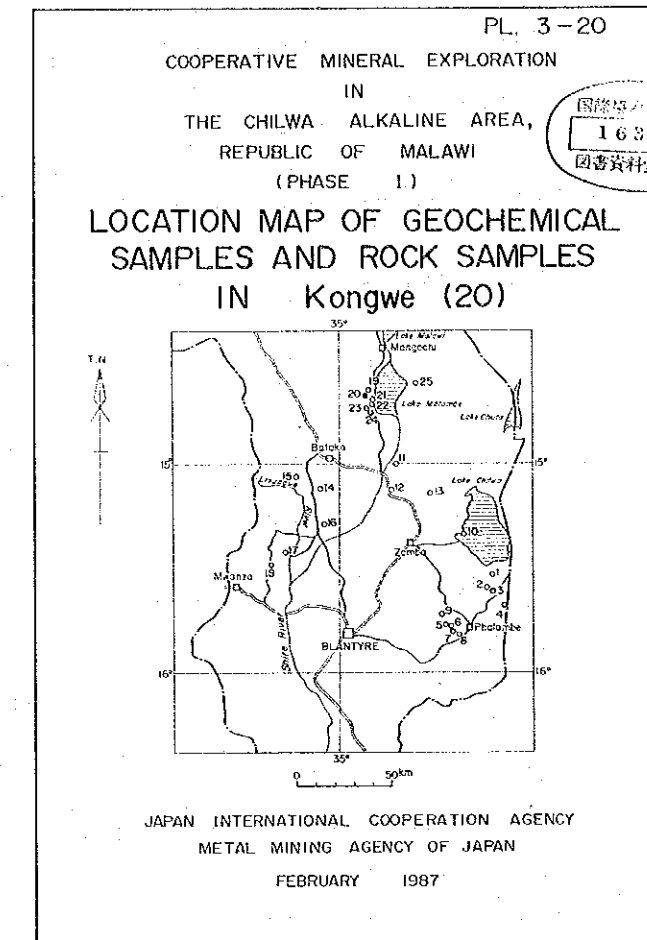
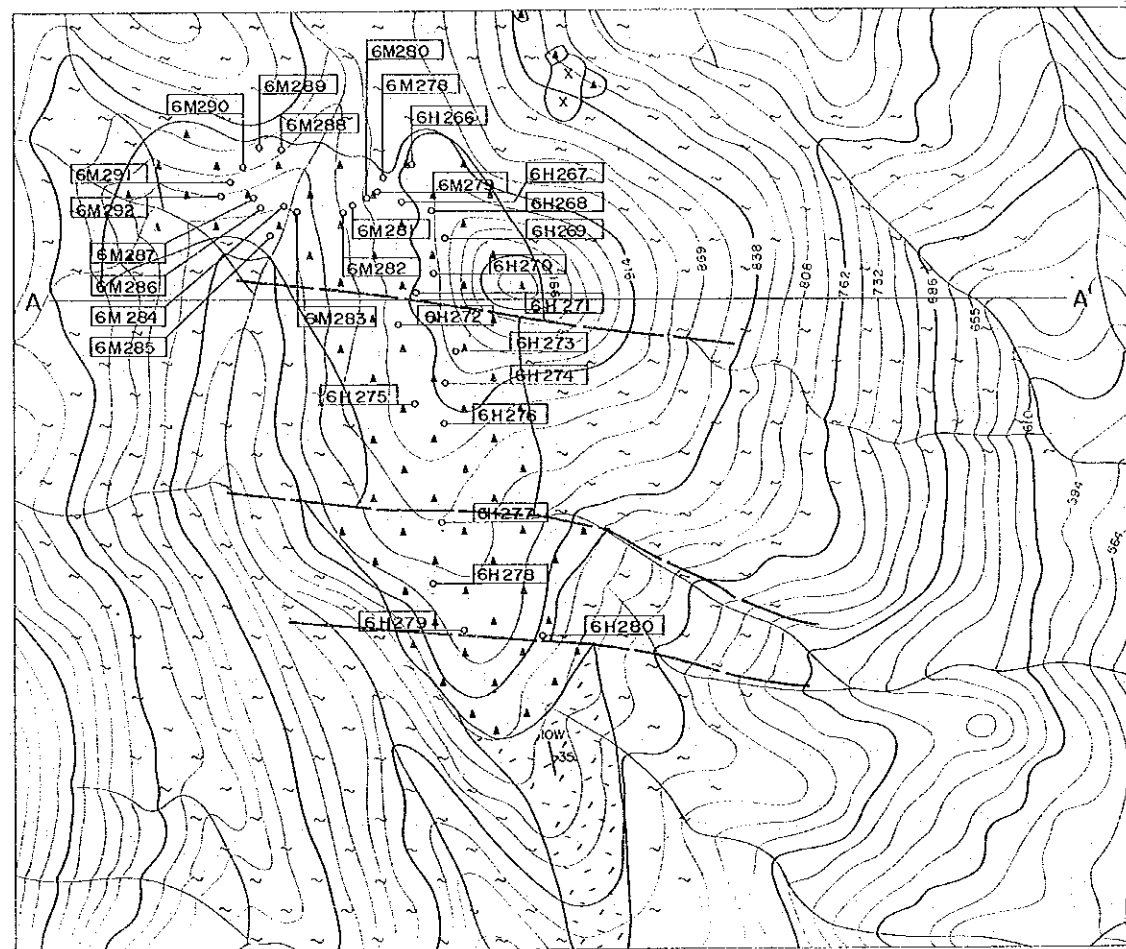
LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trochyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaitite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metaproxenite, metagabbro & biotitite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trochyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplitite

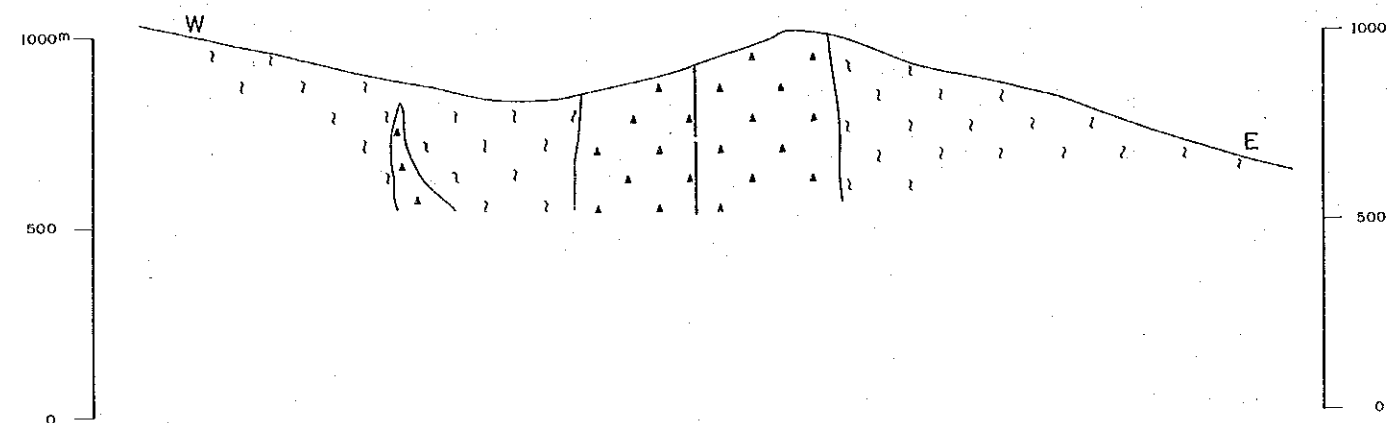


A-A' Section
(N25°E)



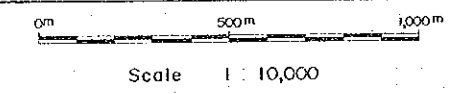
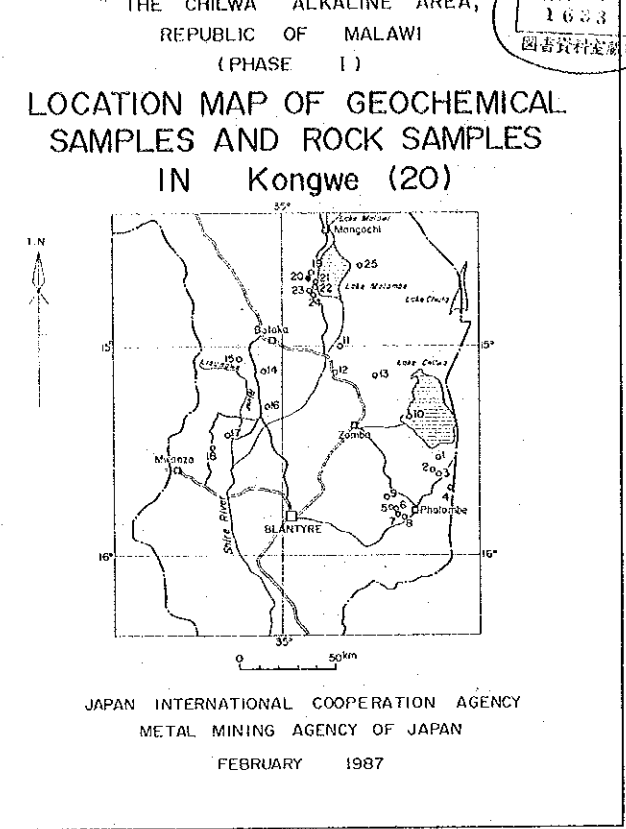
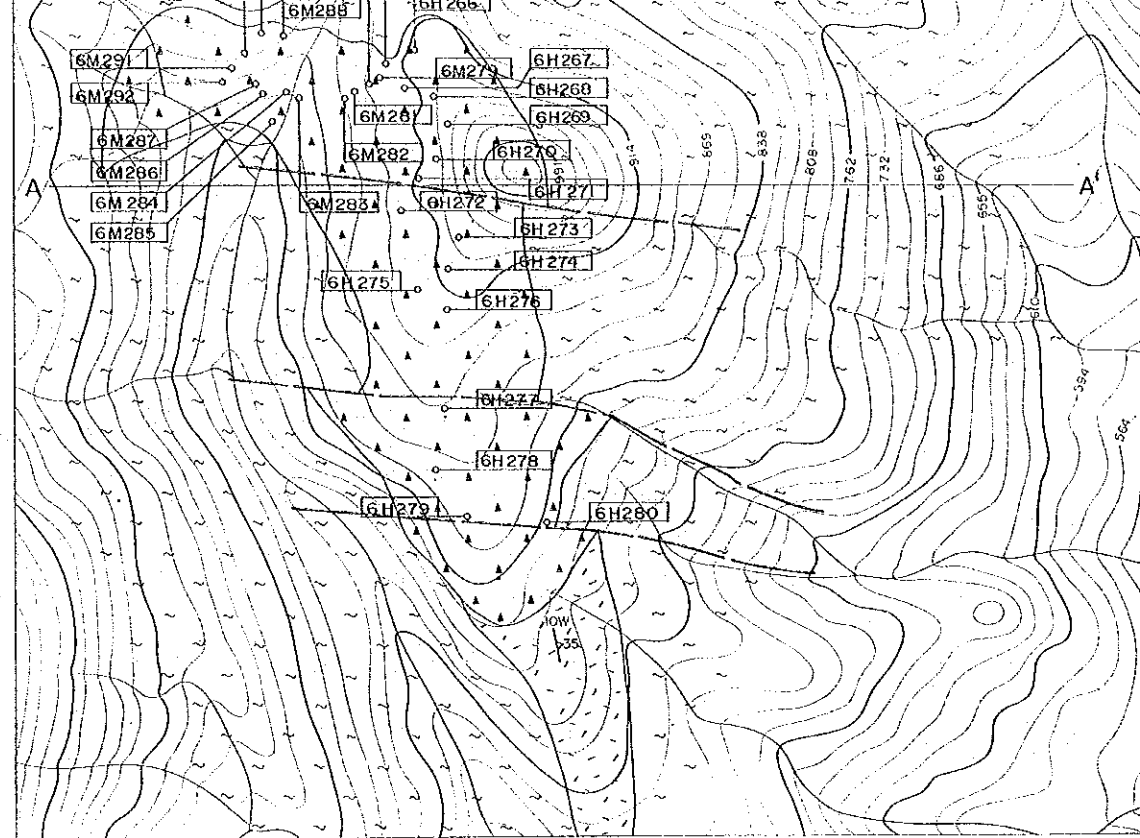


A-A' Section
(W-E)

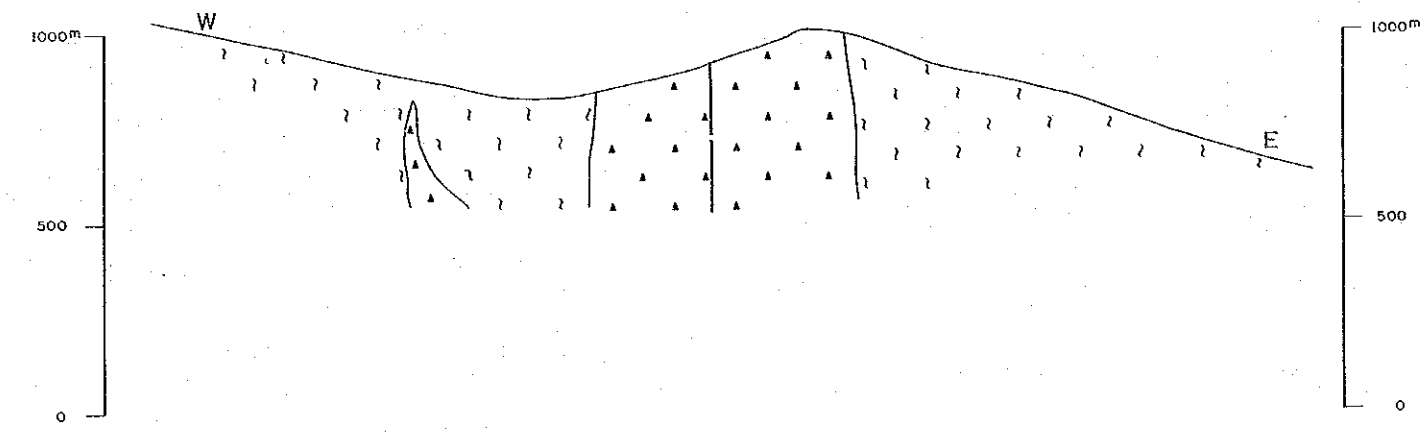


LEGEND

- | | |
|--|---|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sovite |
| | Sovite |
| | Carbonate-silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Pulaskite) |
| | Nepheline syenite (Foyaite) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metaproxenite, metagabbro & biotitite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
- T - Trachyte
 P - Phonolite
 N - Nephelinite
 MF - Microfoyaite
 S - Sölvbergite
 I - Ijalite
 D - Dolerite
 M - Monchiquite

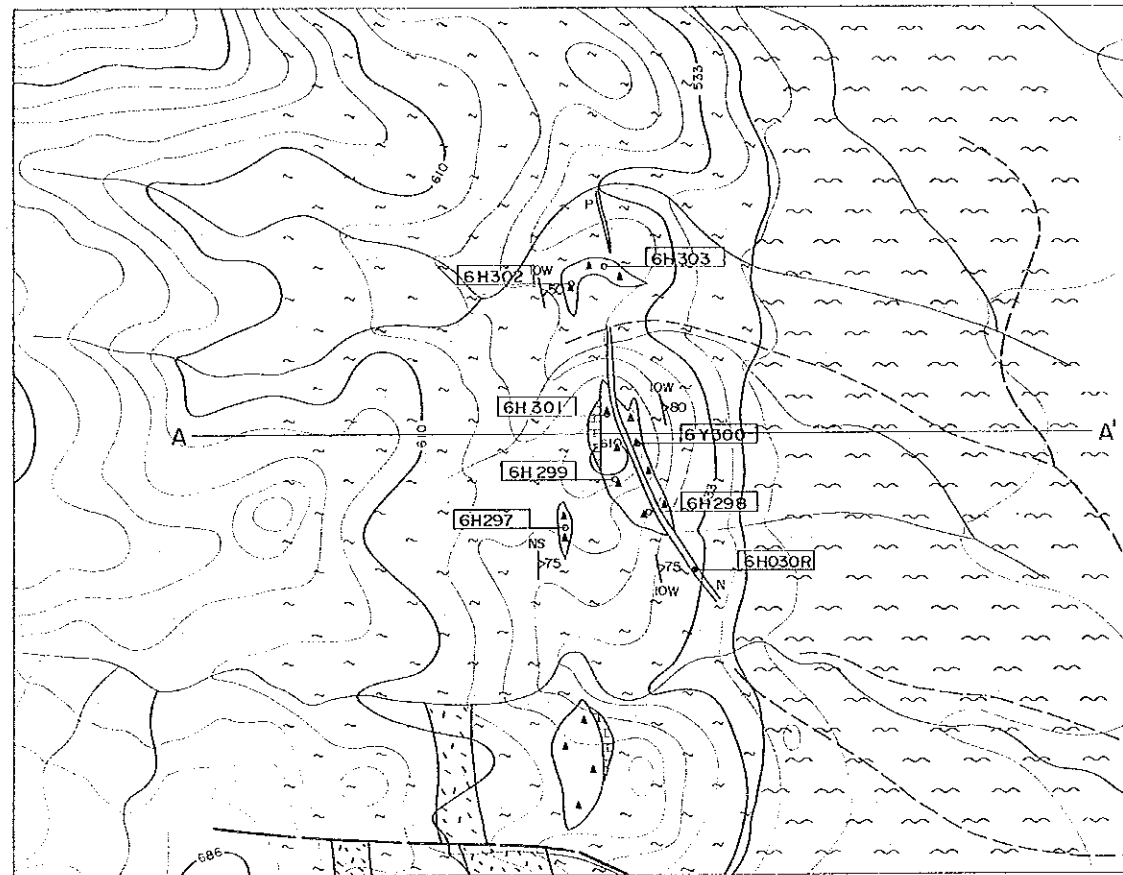


A-A' Section
(W-E)

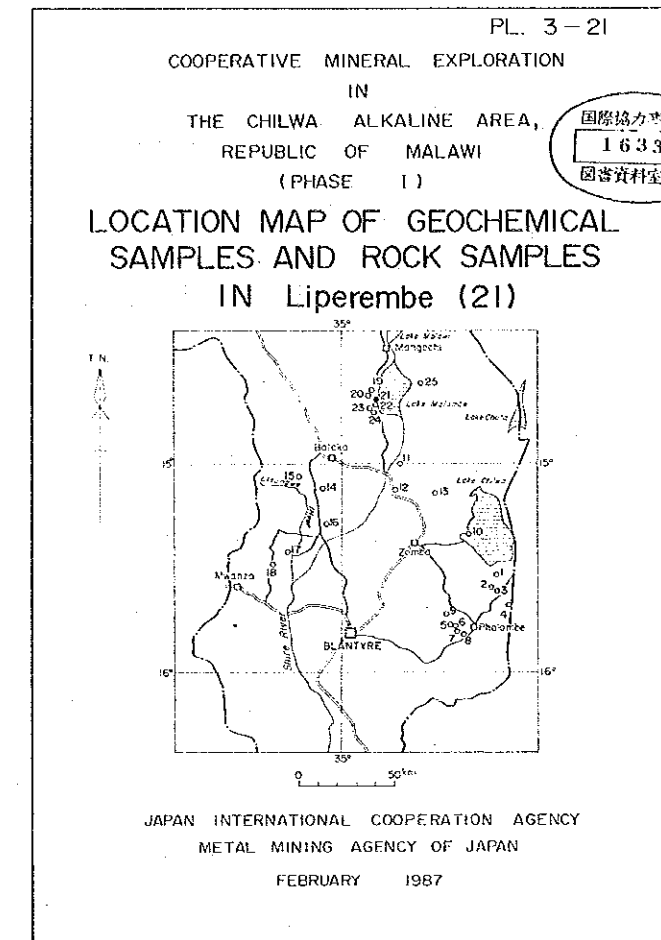
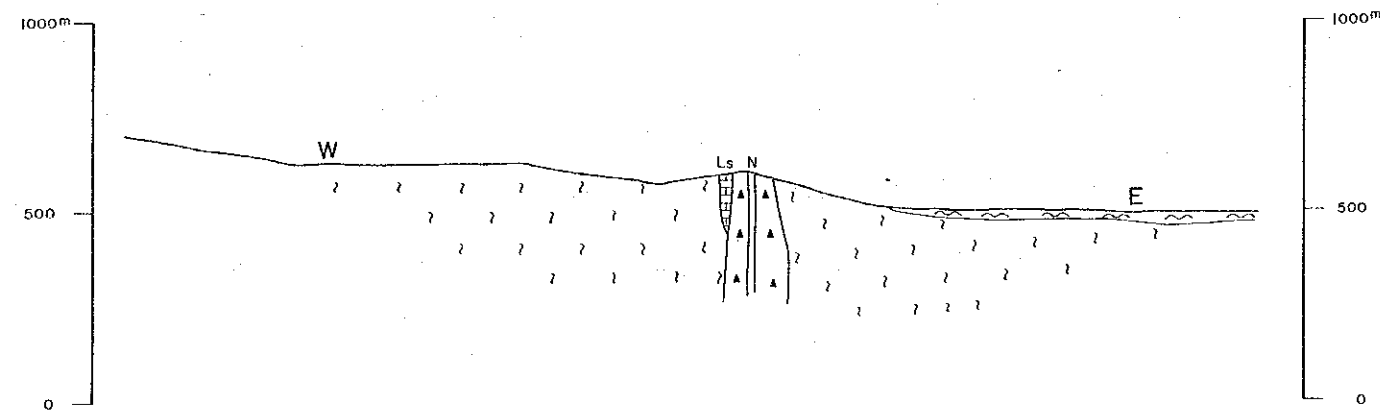


LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sovite
- Sovite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fenitized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Pulaskite)
- Nepheline syenite (Foyaitite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metaproxenite, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs
 - T - Trachyte
 - P - Phonolite
 - N - Nephelinite
 - MF - Microfoyaite
 - S - Sölvbergite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplitite
- Fault
- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
- ROCK SAMPLES



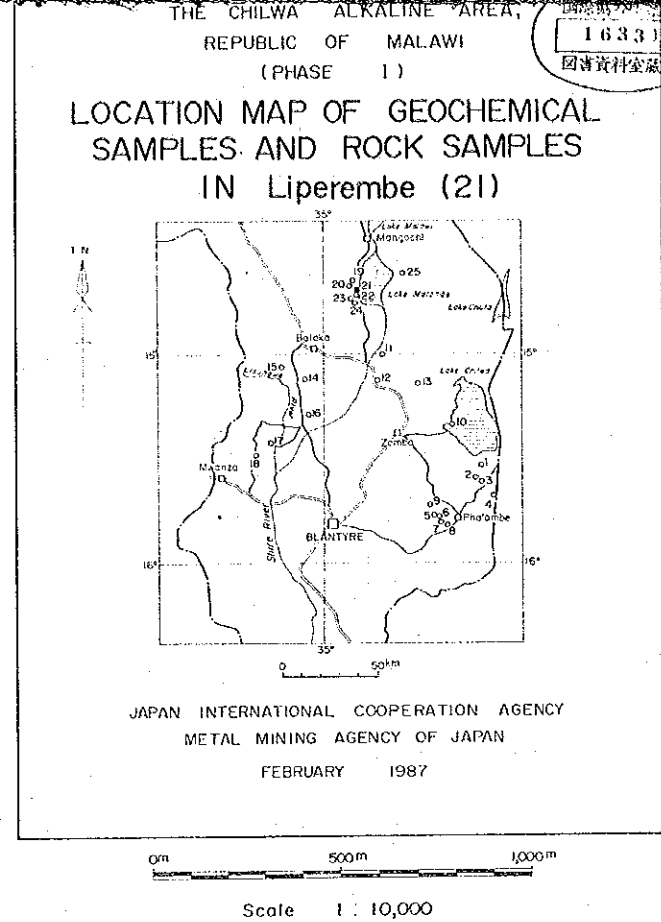
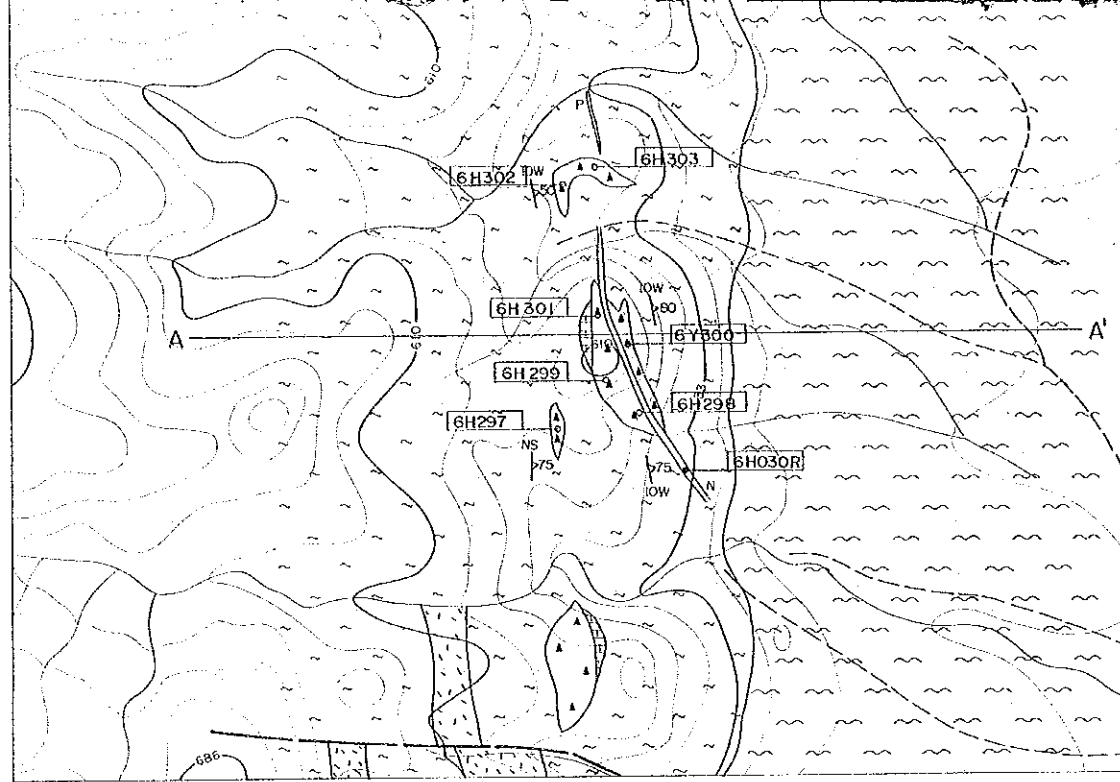
A-A' Section
(W-E)



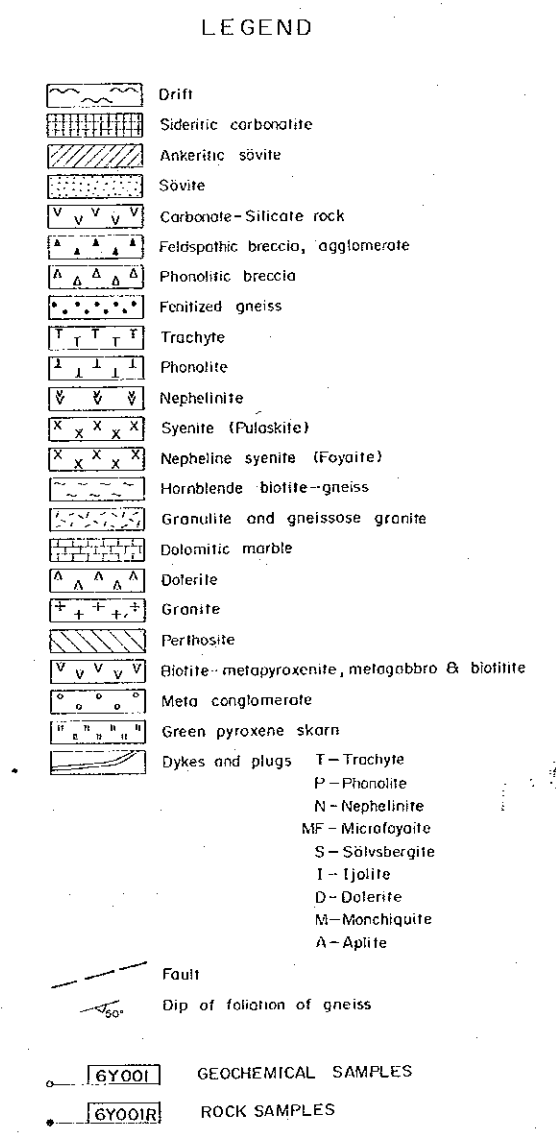
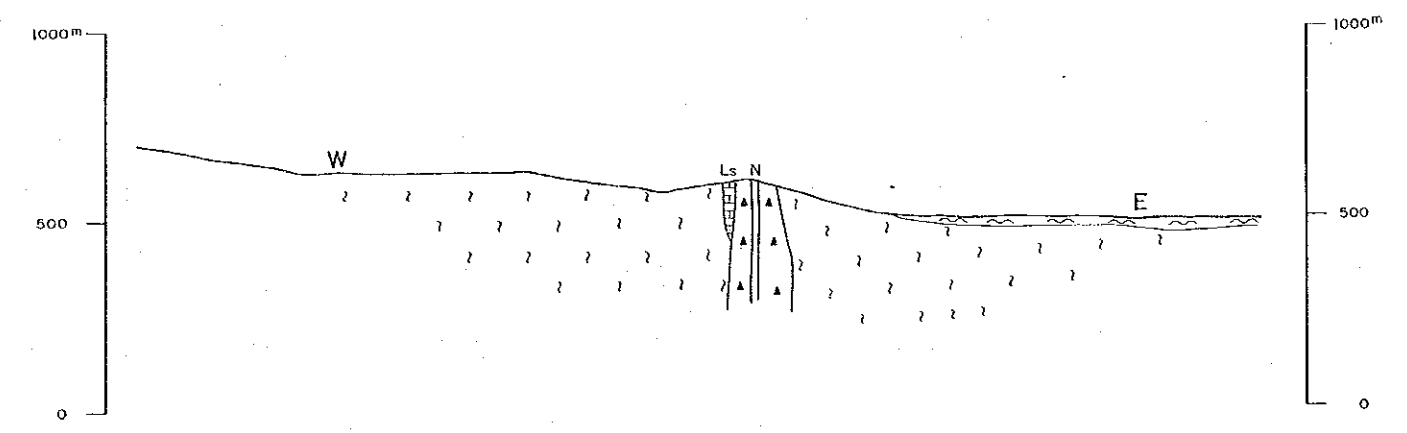
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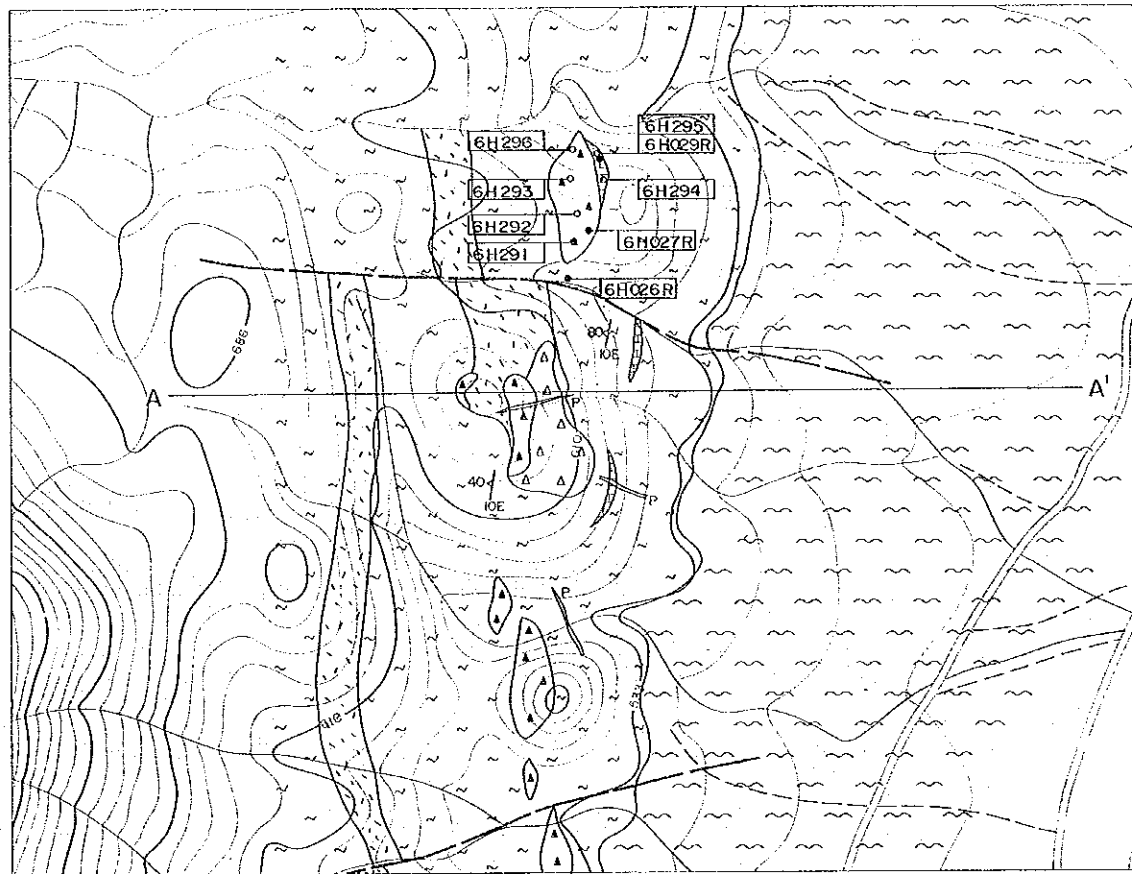
LEGEND

- | | |
|--|--|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicite rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Pulaskite) |
| | Nepheline syenite (Foyaitite) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metopyroxenite, metagabbro & biotite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
- T-Trachyte
 P-Phonolite
 N-Nephelinite
 MF-Microfoyaite
 S-Sölvbergite
 I-Ijalite

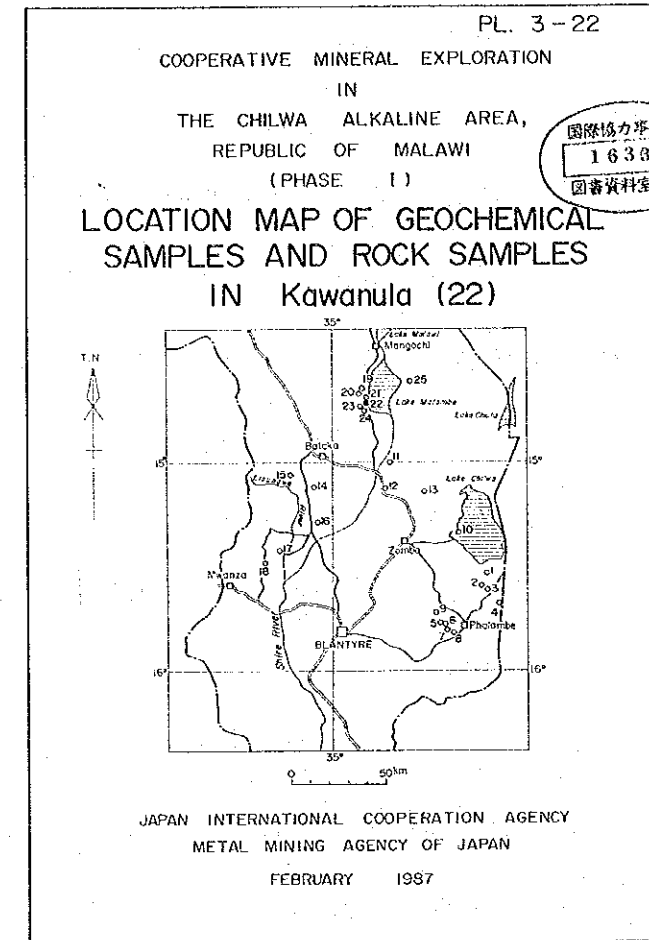
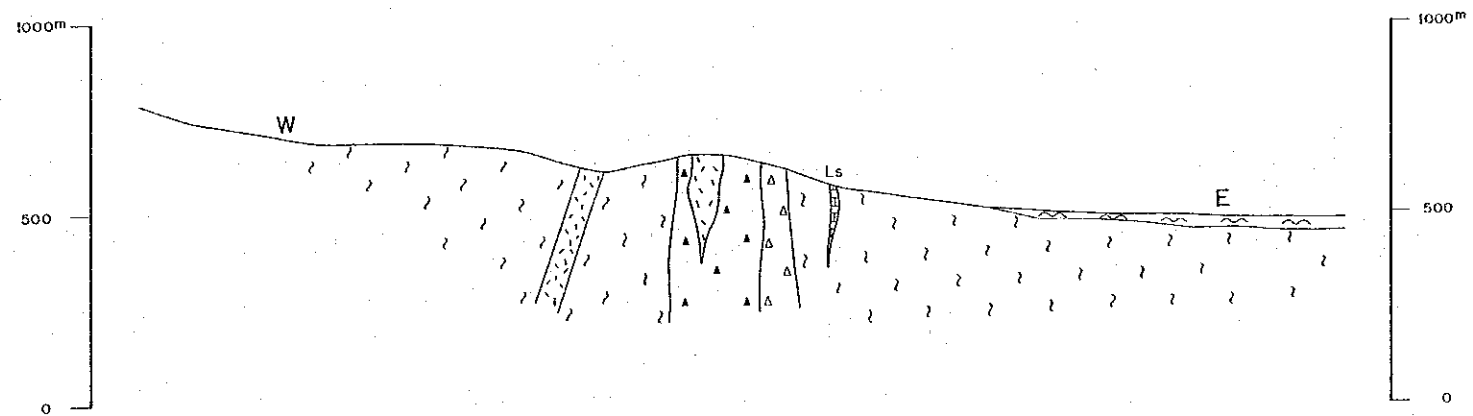


A-A' Section
 (W-E)





A-A' Section
(W-E)

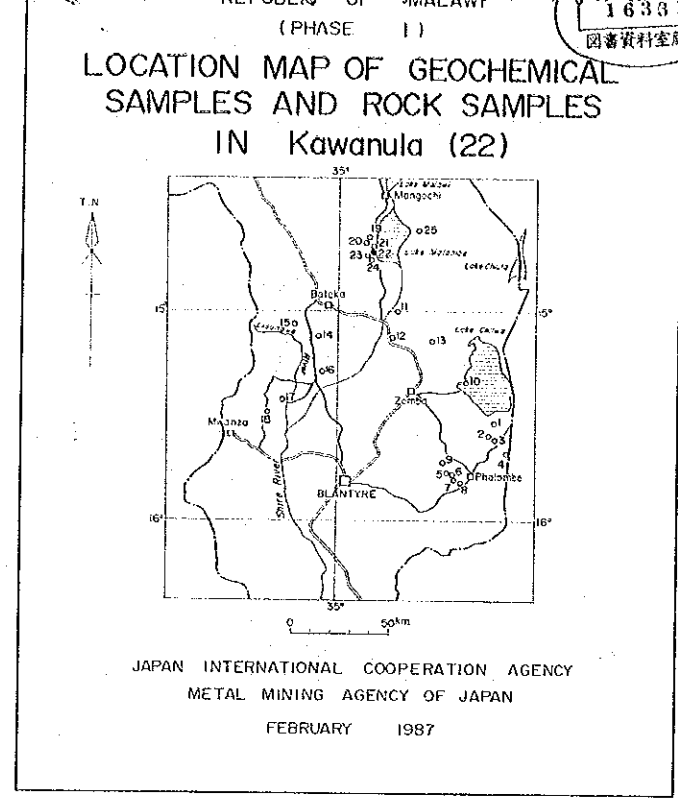
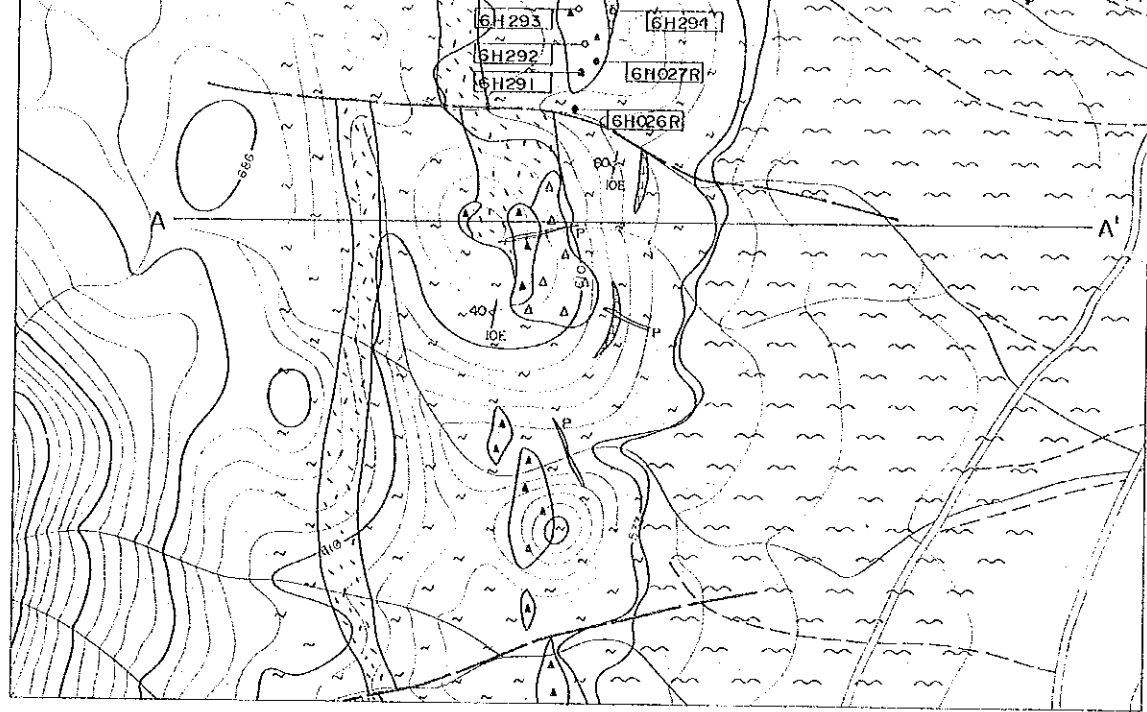


0m 500m 1000m

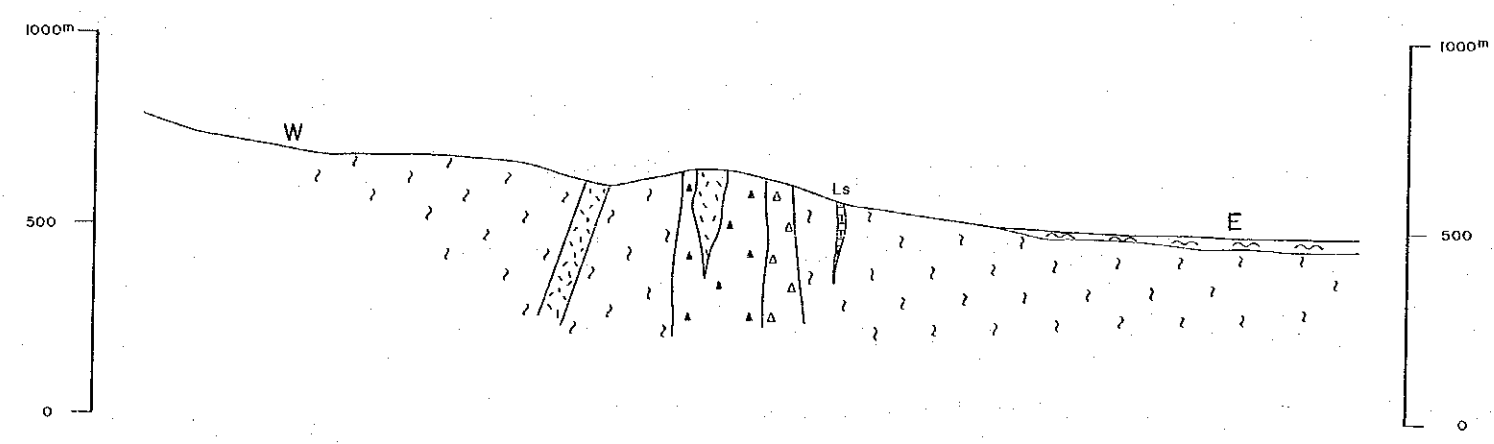
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metopyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
 P - Phonolite
 N - Nephelinite
 MF - Microfoyaite
 S - Sölvbergite
 I - Ijolite
 D - Dolerite
 M - Monchiquite
 A - Andite

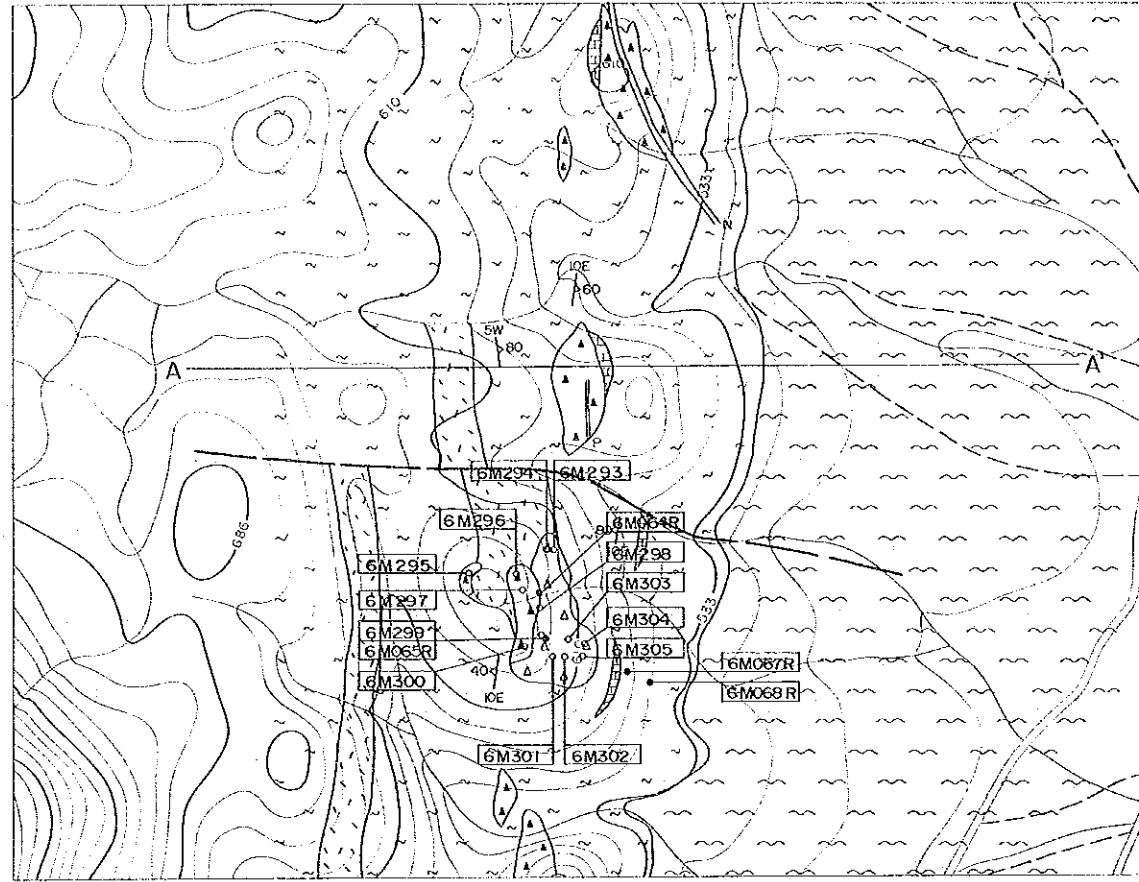


A-A' Section (W-E)

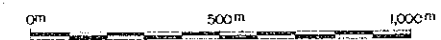
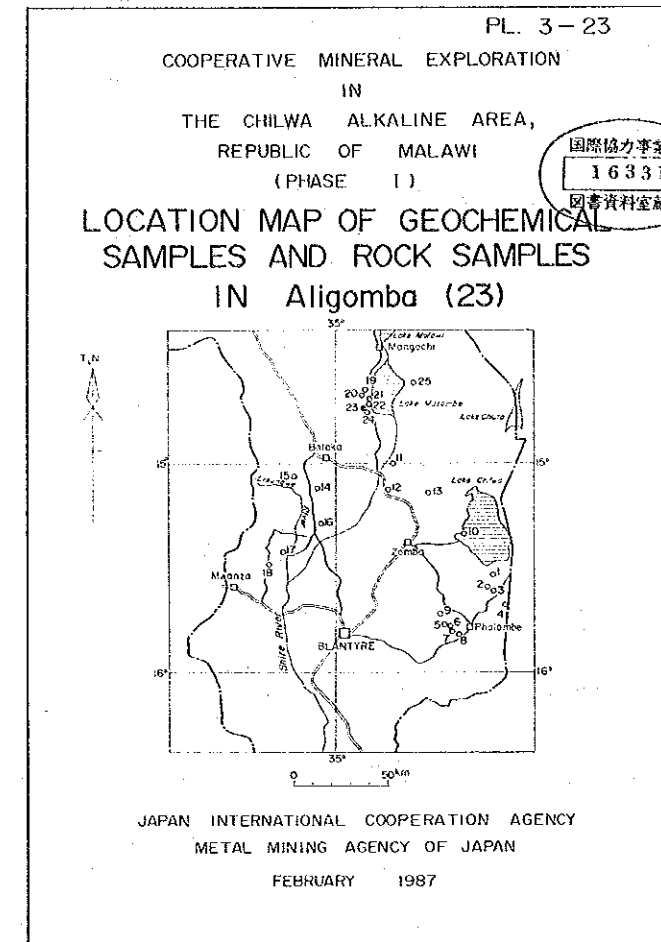
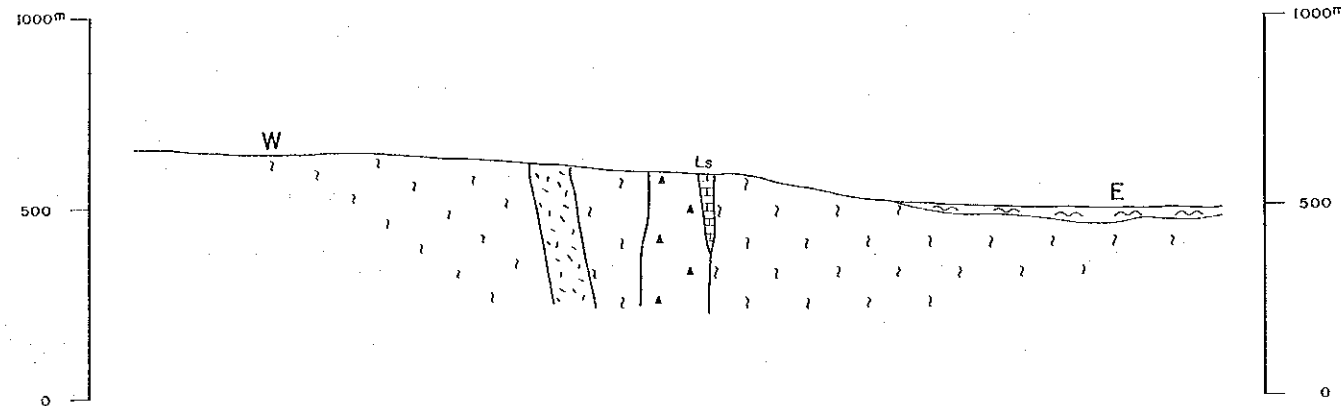


LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Pulaskite)
 - Nepheline syenite (Foyaite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metapyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sölvbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplite
- Fault
--- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
 ROCK SAMPLES



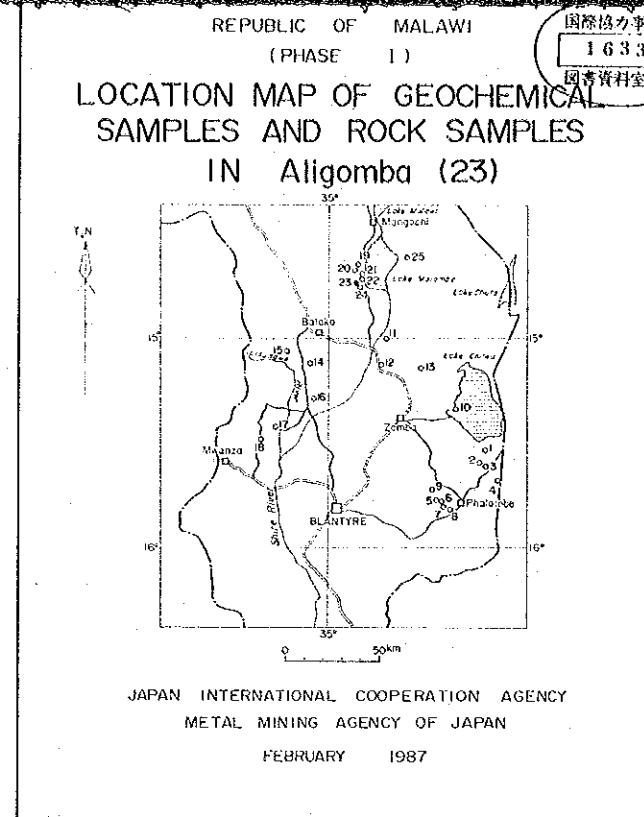
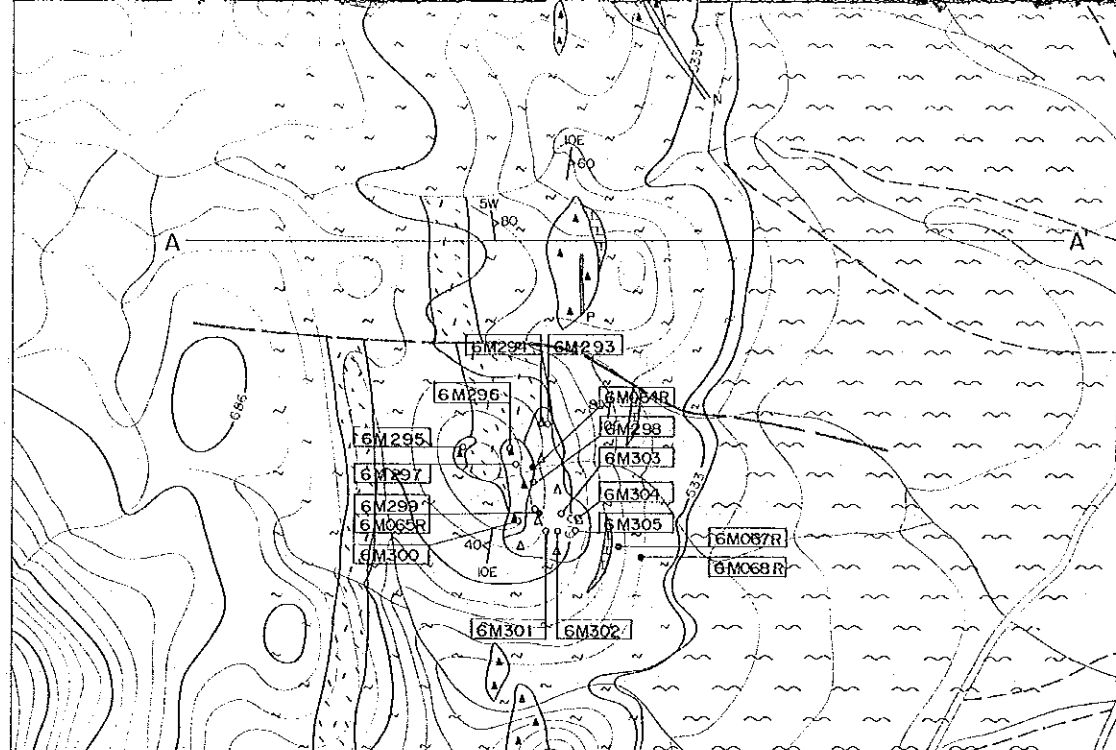
A-A' Section
(W-E)



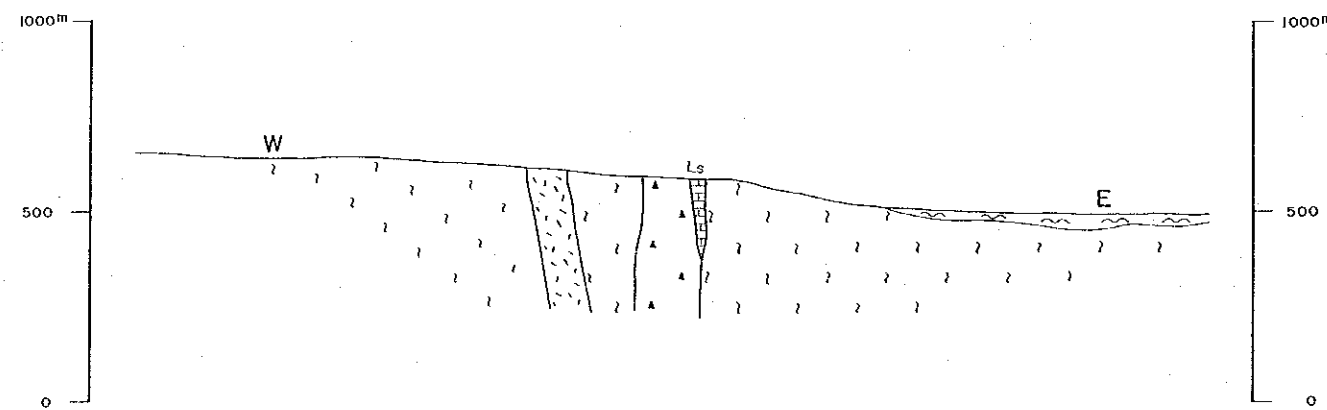
Scale 1 : 10,000

LEGEND

- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Fulaskite)
 - Nepheline syenite (Foyaitite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metapyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T - Trachyte
P - Phonolite
N - Nephelinite
MF - Microfoyaite
S - Sövsbergite
I - Ijolite
D - Dolerite
M - Monchiquite
A - Aplitite

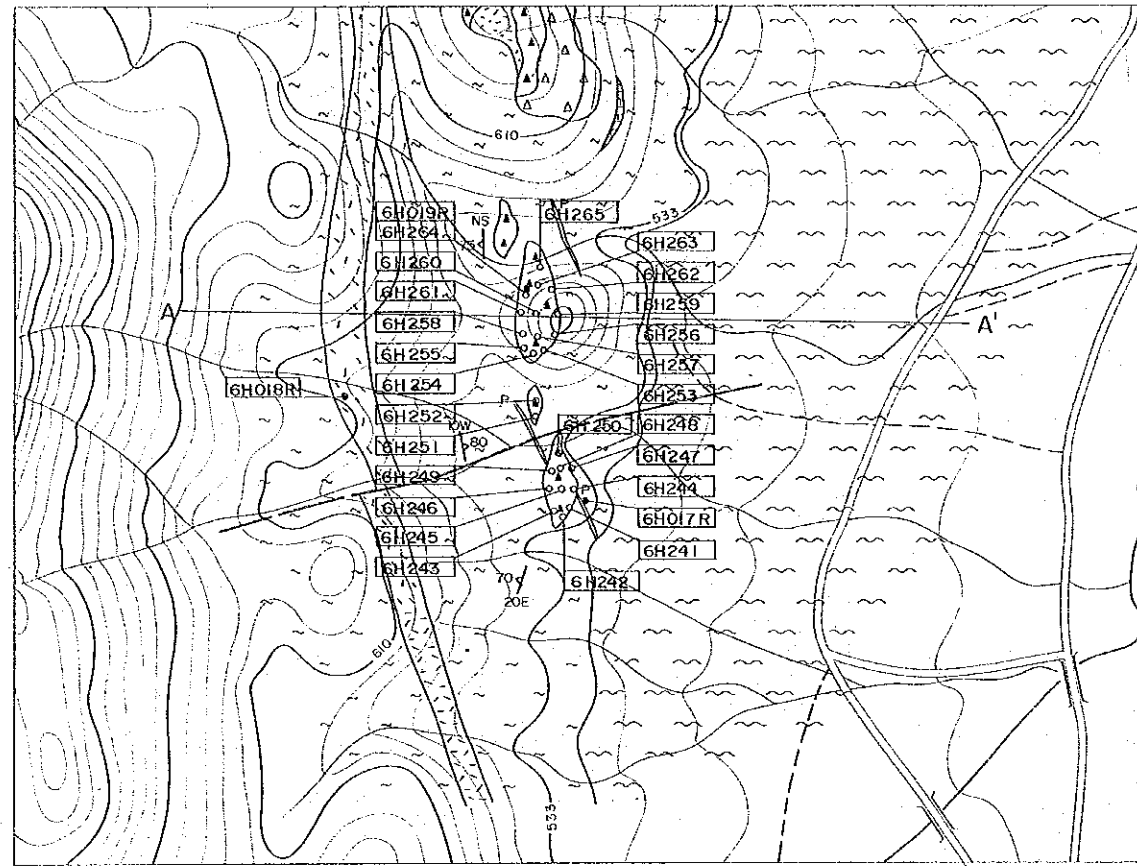


A-A' Section
(W-E)

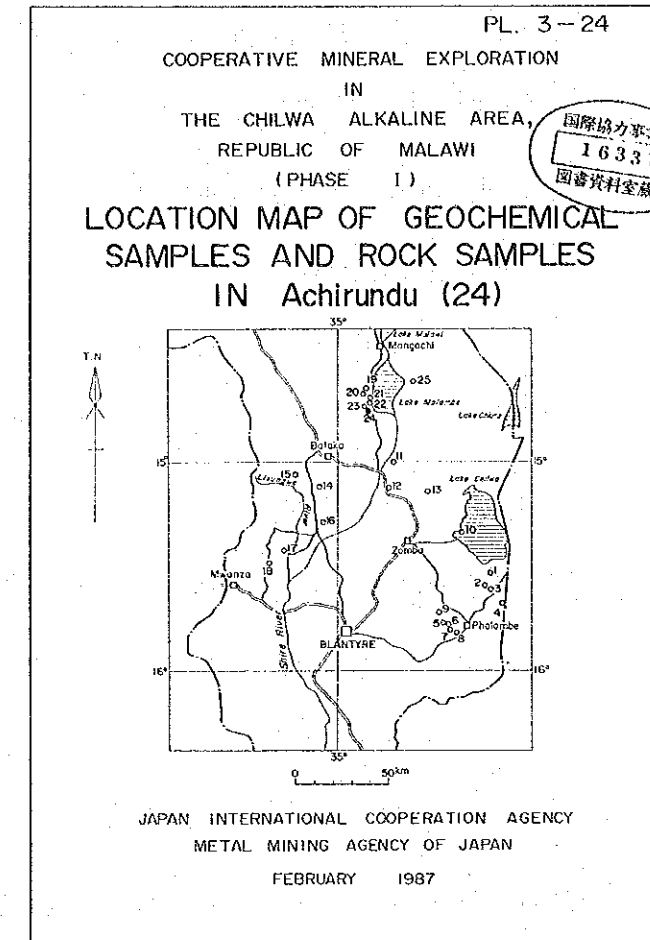
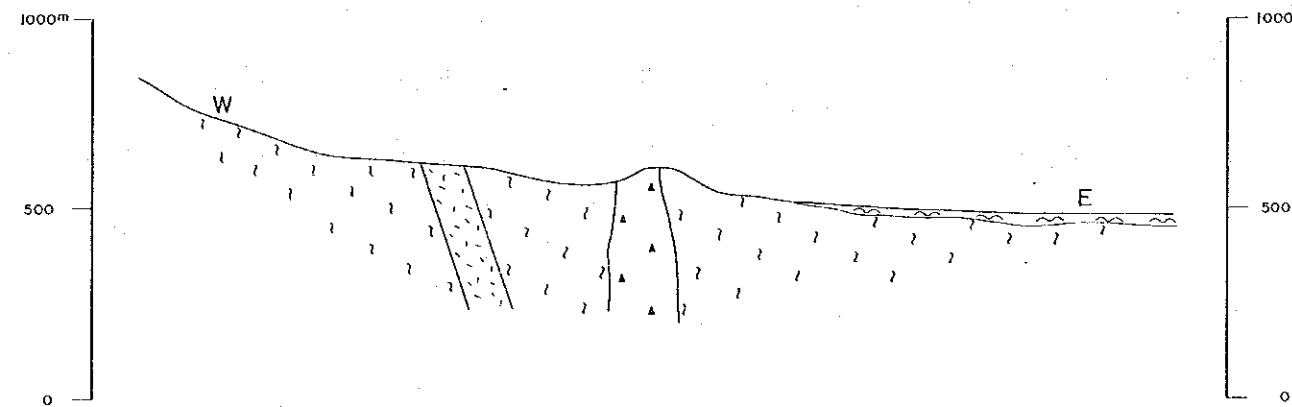


LEGEND

- Drift
- Sideritic carbonatite
- Ankeritic sövite
- Sövite
- Carbonate-Silicate rock
- Feldspathic breccia, agglomerate
- Phonolitic breccia
- Fenitized gneiss
- Trachyte
- Phonolite
- Nephelinite
- Syenite (Pulaskite)
- Nepheline syenite (Foyaitite)
- Hornblende biotite-gneiss
- Granulite and gneissose granite
- Dolomitic marble
- Dolerite
- Granite
- Perthosite
- Biotite-metapyroxenite, metagabbro & biotite
- Meta conglomerate
- Green pyroxene skarn
- Dykes and plugs
 - T - Trachyte
 - P - Phonolite
 - N - Nephelinite
 - MF - Microfoyaite
 - S - Sölvbergite
 - I - Ijolite
 - D - Dolerite
 - M - Monchiquite
 - A - Aplite
- Fault
- Dip of foliation of gneiss
- GEOCHEMICAL SAMPLES
- ROCK SAMPLES



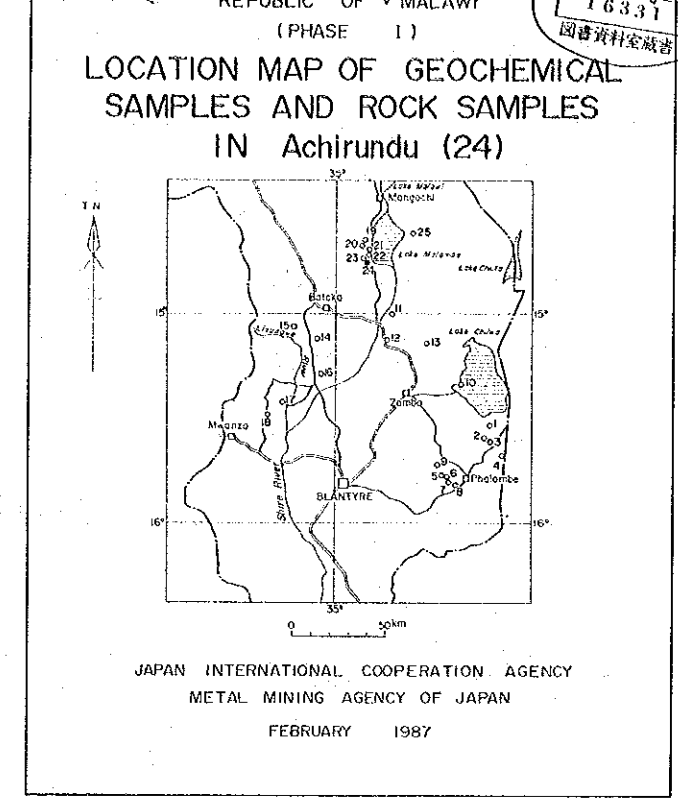
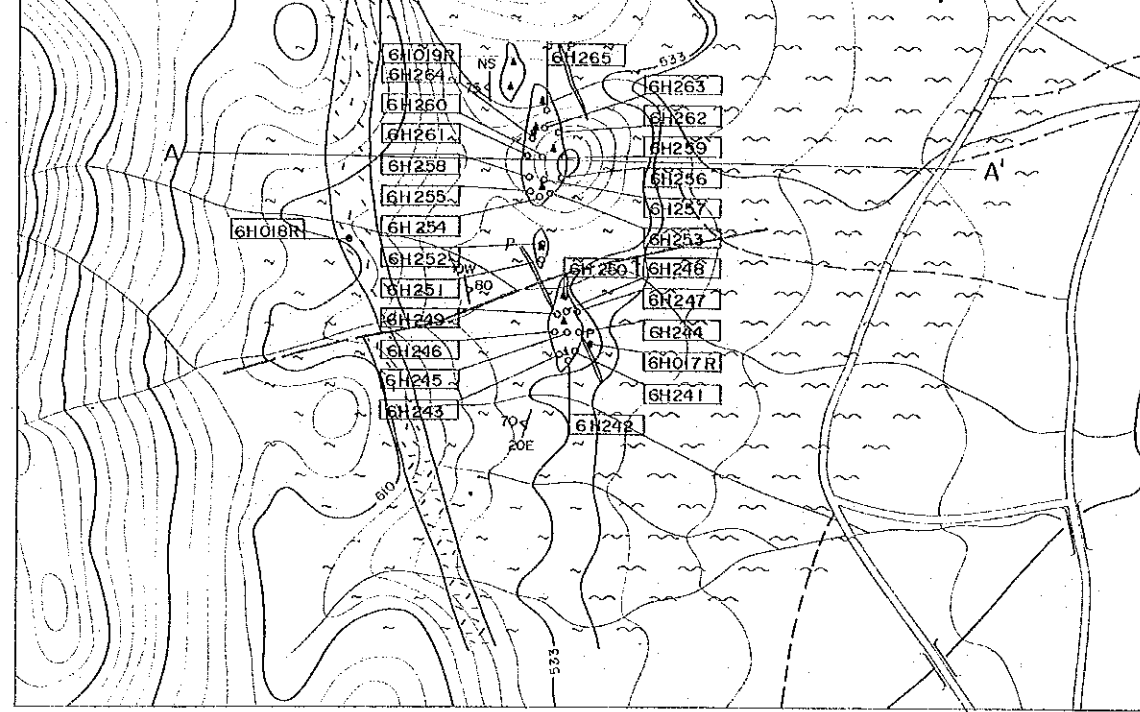
A-A' Section
(W-E)



Scale 1:10,000

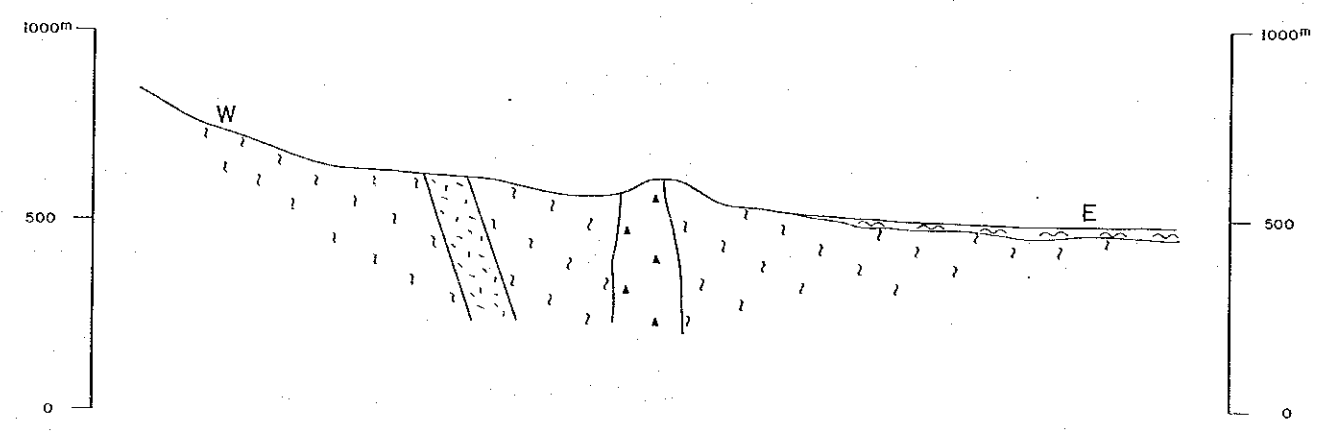
LEGEND

- | | |
|--|--|
| | Drift |
| | Sideritic carbonatite |
| | Ankeritic sövite |
| | Sövite |
| | Carbonate-Silicate rock |
| | Feldspathic breccia, agglomerate |
| | Phonolitic breccia |
| | Fenitized gneiss |
| | Trachyte |
| | Phonolite |
| | Nephelinite |
| | Syenite (Pulaskite) |
| | Nepheline syenite (Foyaite) |
| | Hornblende biotite-gneiss |
| | Granulite and gneissose granite |
| | Dolomitic marble |
| | Dolerite |
| | Granite |
| | Perthosite |
| | Biotite-metapyroxene, metagabbro & biotite |
| | Meta conglomerate |
| | Green pyroxene skarn |
| | Dykes and plugs |
- | | |
|----|--------------|
| T | Trachyte |
| P | Phonolite |
| N | Nephelinite |
| MF | Microfoyaite |
| S | Sölvbergite |
| I | Ijolite |
| D | Dolerite |
| M | Monchiquite |



0m 500m 1,000m
Scale 1 : 10,000

A-A' Section
(W-E)



- #### LEGEND
- Drift
 - Sideritic carbonatite
 - Ankeritic sövite
 - Sövite
 - Carbonate-Silicate rock
 - Feldspathic breccia, agglomerate
 - Phonolitic breccia
 - Fertilized gneiss
 - Trachyte
 - Phonolite
 - Nephelinite
 - Syenite (Fulaskite)
 - Nepheline syenite (Föyöite)
 - Hornblende biotite-gneiss
 - Granulite and gneissose granite
 - Dolomitic marble
 - Dolerite
 - Granite
 - Perthosite
 - Biotite-metapyroxenite, metagabbro & biotite
 - Meta conglomerate
 - Green pyroxene skarn
 - Dykes and plugs
- T-Trachyte
P-Phonolite
N-Nephelinite
MF-Microföyöite
S-Sölvbergite
I-Ijolite
D-Dolerite
M-Monchiquite
A-Aplite
- Fault
50° Dip of foliation of gneiss
- 6Y001 GEOCHEMICAL SAMPLES
 6Y001R ROCK SAMPLES