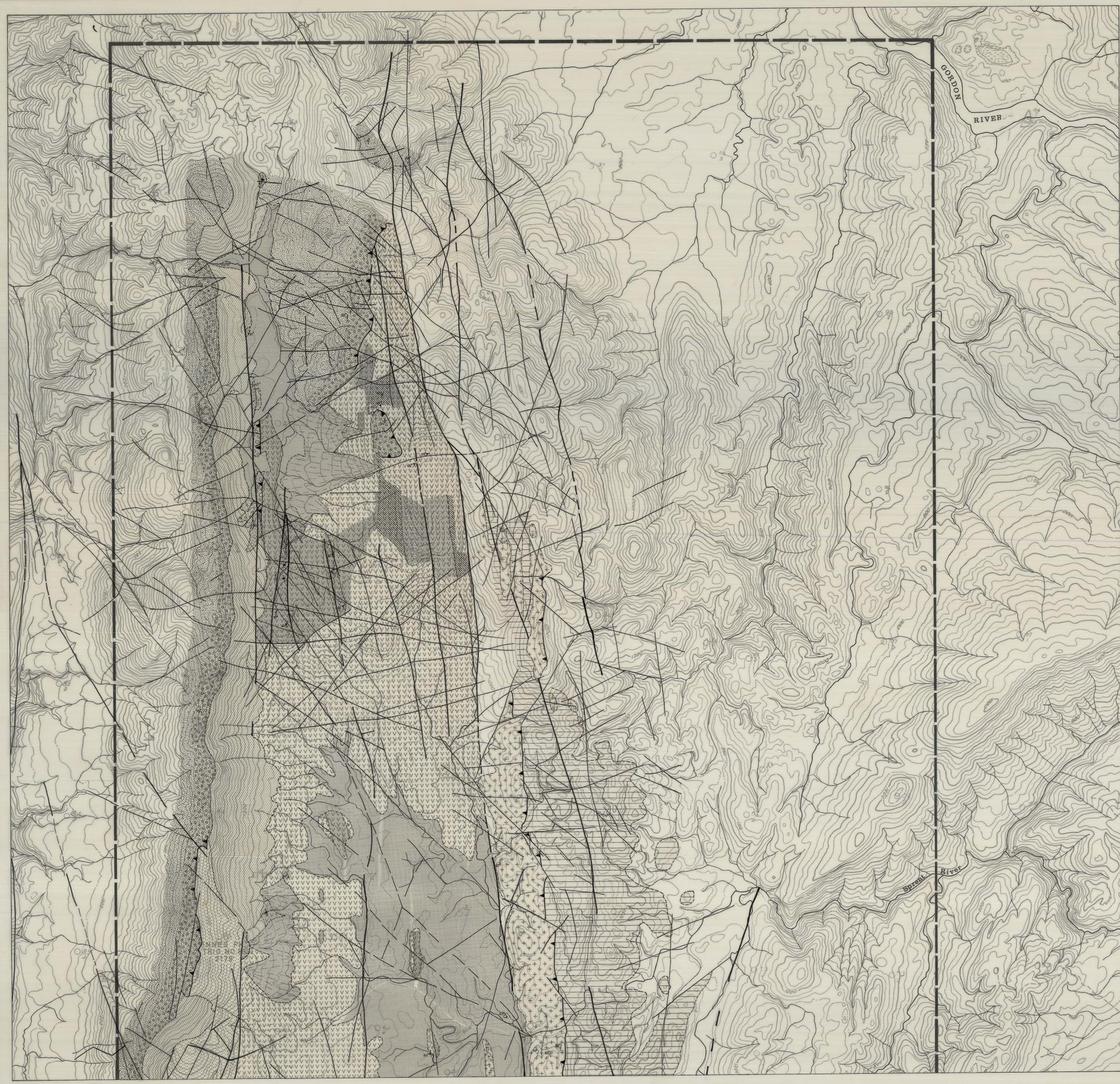


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LEGEND

QUATERNARY

- Alluvial fans, mud flows, outwash
- Detritus, coarse to fine talus, glacial debris
- Alluvium, river bed and fluvio-glacial sands and silts

ORDOVICIAN

- Undifferentiated oligomictic quartz conglomerate, conglomeratic quartz-mica sandstone, pyritic sandstone, limestone. Rare shale and siltstone horizons. Coarse conglomerate.

THIRKELL GROUP

- Volcanic rich polymictic conglomerate, epiclastic sandstones, siltstones calcareous siltstones and carbonaceous shales, pyritic in part. Chlorite schists and phyllitic schists.
- micaceous sandstone
- chloritic and phyllitic schists, carbonaceous shale
- Volcanic conglomerate

CAMBRIAN

LUCAS VOLCANICS

- Undifferentiated acidic volcanics, dominantly ignimbrites and ash fall pyroclastics. Rhyolite domes and flows, intrusive (?) trachy-andesites. Clastic and chemical sediments.
- Chert
- Epiclastic tuff, sandstone and shale
- rhyolite flows and domes, no ferro magnesian minerals
- Rhyolite flows, abundant chloritized biotite
- Ignimbritic rocks, some coarse agglomerate and fragmental rhyolite
- Ash fall tuffs with occasional ignimbrite and rhyolite flows.
- Lapilli tuff
- Trachy-andesite and coarse grained intrusive (?) rhyolites.

CAMBRIAN

D'AGUILAR GROUP

- Poorly sorted polymictic conglomerate, cross bedded green and grey shale, epiclastic sandstone and siltstone. Occasional lenses of massive and sheared keratophyre. Generally strongly sheared.
- Keratophyre
- Conglomerate

PRE CAMBRIAN

- Undifferentiated quartzite, quartz-mica schist, tourmaline-quartz schist, silicified dolomite, graphitic schist and chlorite schist.

Unconformity
 Fault (observed or inferred)
 Photo lineament (mostly joints)
 Approximate geological boundary
 Intra formational boundary
 Strike and dip of stratum
 Prevailing strike and dip of stratum
 Vertical stratum
 Strike and dip of foliation
 Prevailing strike and dip of foliation
 Vertical foliation
 Watercourse

NOTE: Unconformity between Quaternary and older formations not shown.

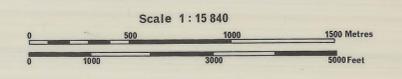


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TASMANIA E. L. 2/72

GEOLOGY

Nov. 1974

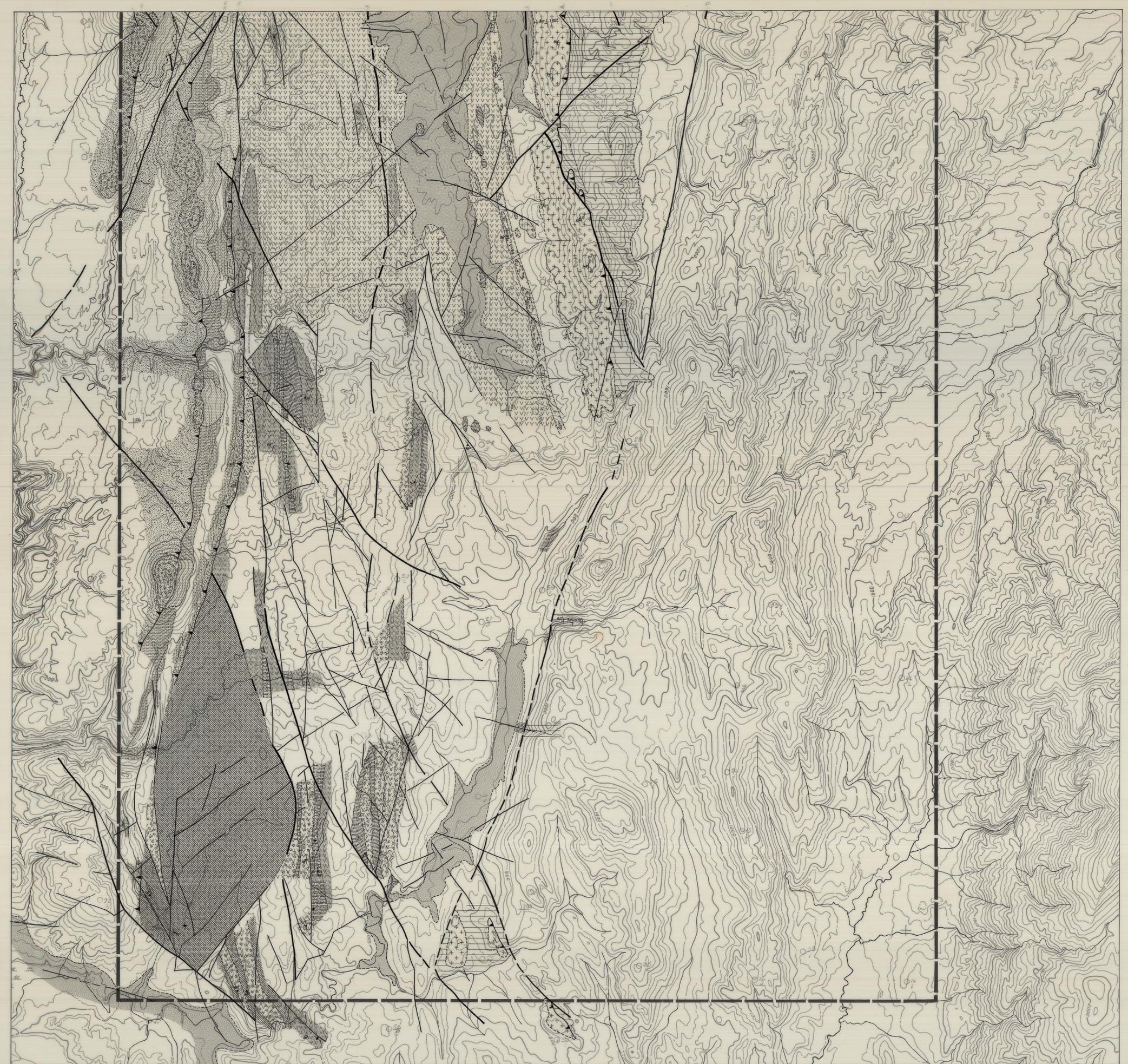
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LEGEND

QUATERNARY

- Alluvial fans, mud flows, outwash
- Detritus, coarse to fine talus, glacial debris
- Alluvium, river bed and fluvio-glacial sands and silts

ORDOVICIAN

- Undifferentiated oligomictic quartz conglomerate, conglomeratic quartz-mica sandstone, pyritic sandstone, limestone. Rare shale and siltstone horizons. Coarse conglomerate.

THIRKELL GROUP

- Volcanic rich polymictic conglomerate, epiclastic sandstones, siltstones calcareous siltstones and carbonaceous shales, pyritic in part. Chloritic schists and phyllitic schists.
- micaceous sandstone
- chloritic and phyllitic schists, carbonaceous shale
- Volcanic conglomerate

CAMBRIAN

LUCAS VOLCANICS

- Undifferentiated acidic volcanics, dominantly ignimbrites and ash fall pyroclastics, Rhyolite domes and flows, Intrusive (?) trachy-andesites. Clastic and chemical sediments.
- Chert
- Epiclastic tuff, sandstone and shale
- rhyolite flows and domes, no ferro magnesian minerals
- Rhyolite flows, abundant chloritized biotite
- Ignimbritic rocks, some coarse agglomerate and fragmental rhyolite
- Ash fall tuffs with occasional ignimbrite and rhyolite flows.
- Lapilli tuff
- Trachy-andesite and coarse grained intrusive (?) rhyolites.

CAMBRIAN

DAGUILAR GROUP

- Poorly sorted polymictic conglomerate, cross bedded green and grey shale, epiclastic sandstone and siltstone. Occasional lenses of massive and sheared keratophyre. Generally strongly sheared.
- Keratophyre
- Conglomerate

PRE CAMBRIAN

- Undifferentiated quartzite, quartz-mica schist, tourmaline-quartz schist, silicified dolomite, graphitic schist and chlorite schist.

Unconformity
 Fault (observed or inferred)
 Photo lineament (mostly joints)
 Approximate geological boundary
 Intra formational boundary
 Strike and dip of stratum
 Prevailing strike and dip of stratum
 Vertical stratum
 Strike and dip of foliation
 Prevailing strike and dip of foliation
 Vertical foliation
 Watercourse

NOTE: Unconformity between Quaternary and older formations not shown.

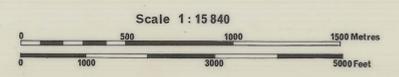
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TASMANIA E. L. 2/72

GEOLOGY

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Sheet 2



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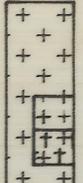
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QUATERNARY

CAMBRIAN

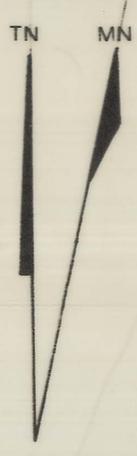
CAMBRIAN

LEGEND

-  Alluvial fans, mud flows, outwash
-  Detritus, coarse to fine talus, glacial debris
-  Alluvium, river bed and fluvioglacial sands and silts
-  Undifferentiated oligomictic quartz conglomerate. Conglomeratic quartz - mica sandstone, pyritic sandstone, limestone. Rare shale and siltstone horizons. Coarse conglomerate
- THIRKELL GROUP**
 -  Volcanic rich polymictic conglomerate, epiclastic sandstones, siltstones calcareous siltstones and carbonaceous shales, pyritic in part. Chlorite schists and phyllitic schists.
 -  micaceous sandstone
 -  chloritic and phyllitic schists, carbonaceous shale
 -  Volcanic conglomerate
- LUCAS VOLCANICS**
 -  Undifferentiated acidic volcanics, dominantly ignimbrites and ash fall pyroclastics. Rhyolite domes and flows. Intrusive (?) trachy-andesites. Clastic and chemical sediments.
 -  Chert
 -  Epiclastic tuff, sandstone and shale
 -  rhyolite flows and domes, no ferro magnesian minerals
 -  Rhyolite flows, abundant chloritized biotite
 -  Ignimbritic rocks, some coarse agglomerate and fragmental rhyolite
 -  Ash fall tuffs with occasional ignimbrite and rhyolite flows.
 -  Lapilli tuff
 -  Trachy-andesite and coarse grained intrusive (?) rhyolites.
- D'AGUILAR GROUP**
 -  Poorly sorted polymictic conglomerate: cross bedded green and grey shale, epiclastic sandstone and siltstone. Occasional lenses of massive and sheared keratophyre. Generally strongly sheared
 -  Keratophyre
 -  Conglomerate
- PRE CAMBRIAN**
 -  Undifferentiated quartzite, quartz-mica schist, tourmaline-quartz schist, silicified dolomite, graphitic schist and chlorite schist.

-  Unconformity
-  Fault (observed or inferred)
-  Photo lineament (mostly joints)
-  Approximate geological boundary
-  intra formational boundary
-  Strike and dip of stratum
-  Prevailing strike and dip of stratum
-  Vertical stratum
-  Strike and dip of foliation
-  Prevailing strike and dip of foliation
-  Vertical foliation
-  Watercourse

NOTE: Unconformity between Quaternary and older formations not shown.



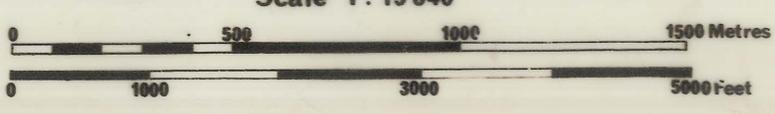
UNION OIL DEVELOPMENT CORP.
TASMANIA E. L. 2/72

GEOLOGY

Nov. 1974

Sheet 2

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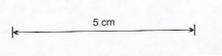


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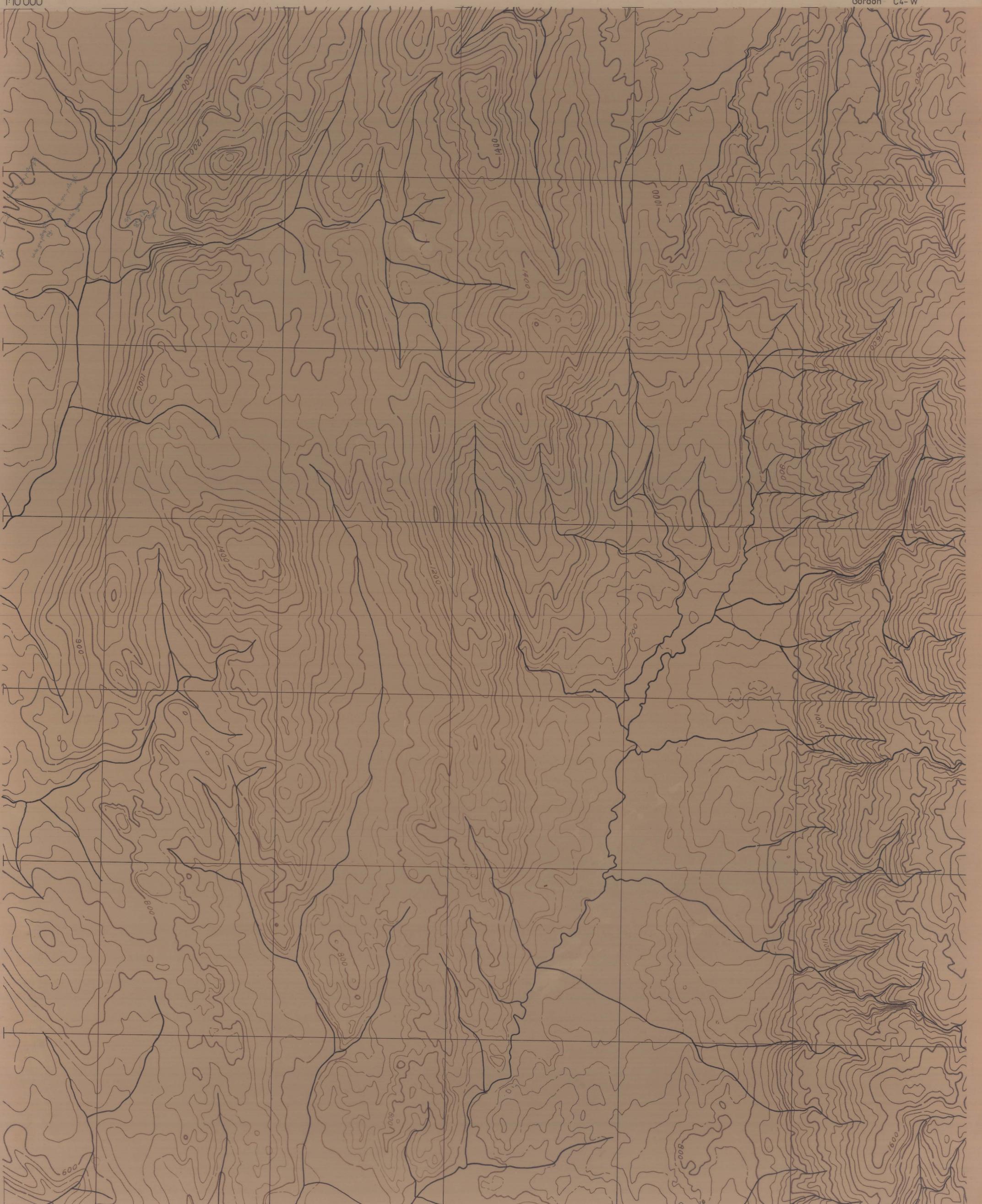
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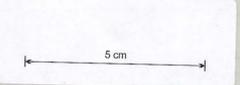


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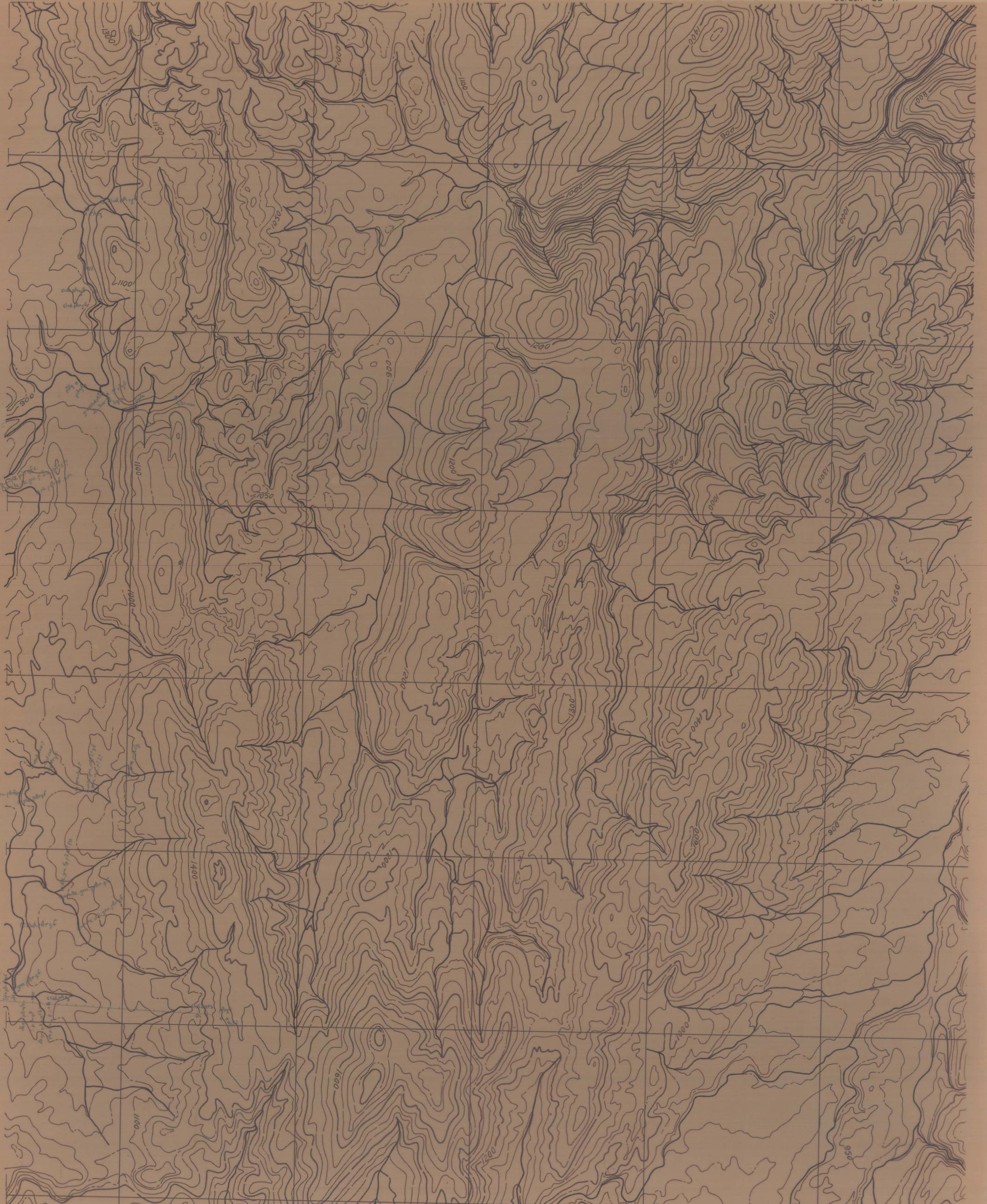
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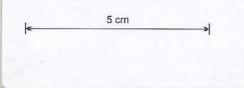
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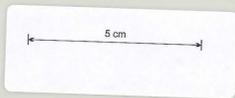
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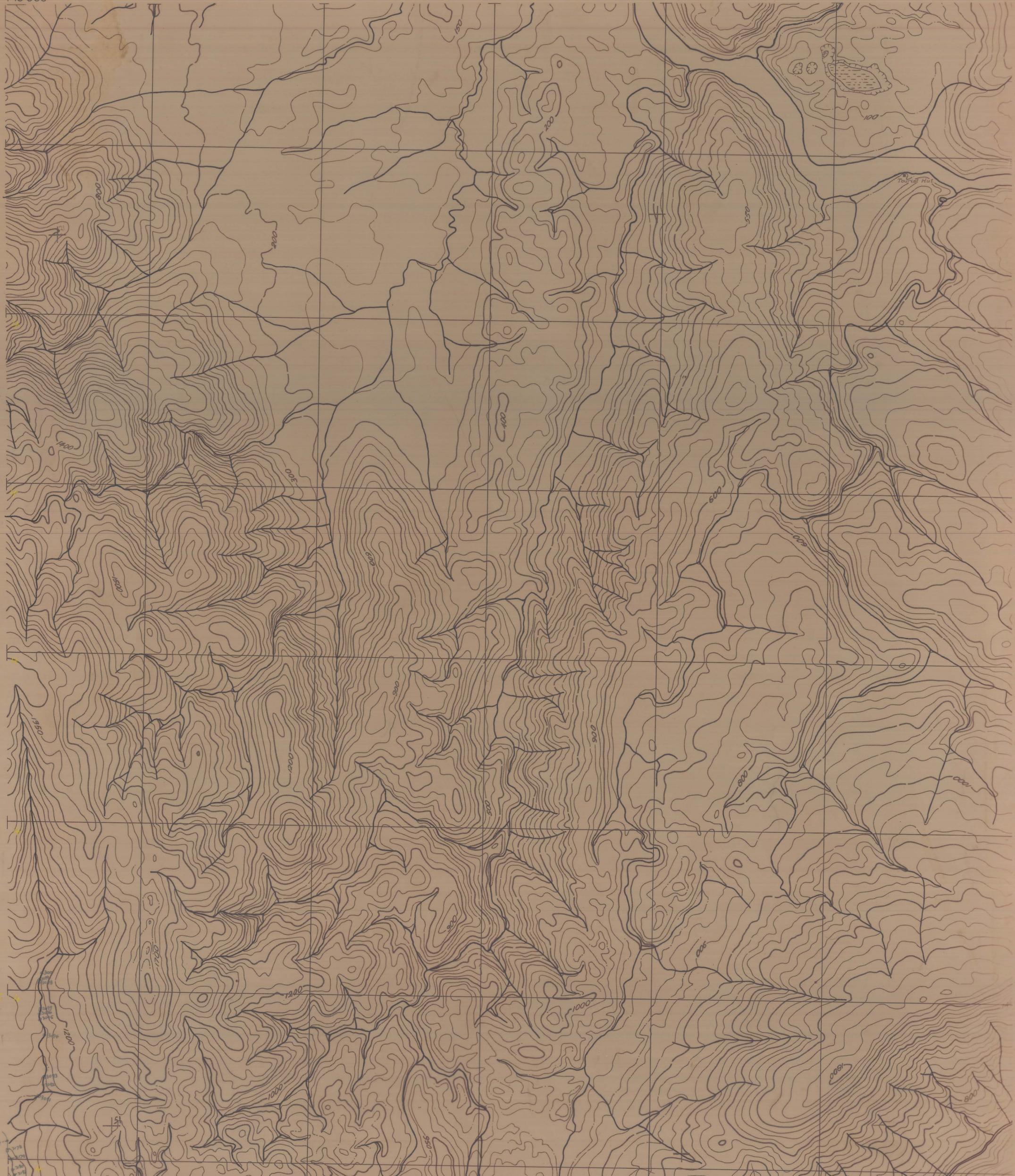
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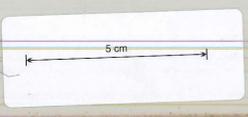
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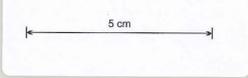


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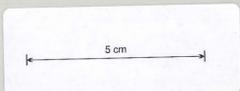
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Gordon C2-W



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