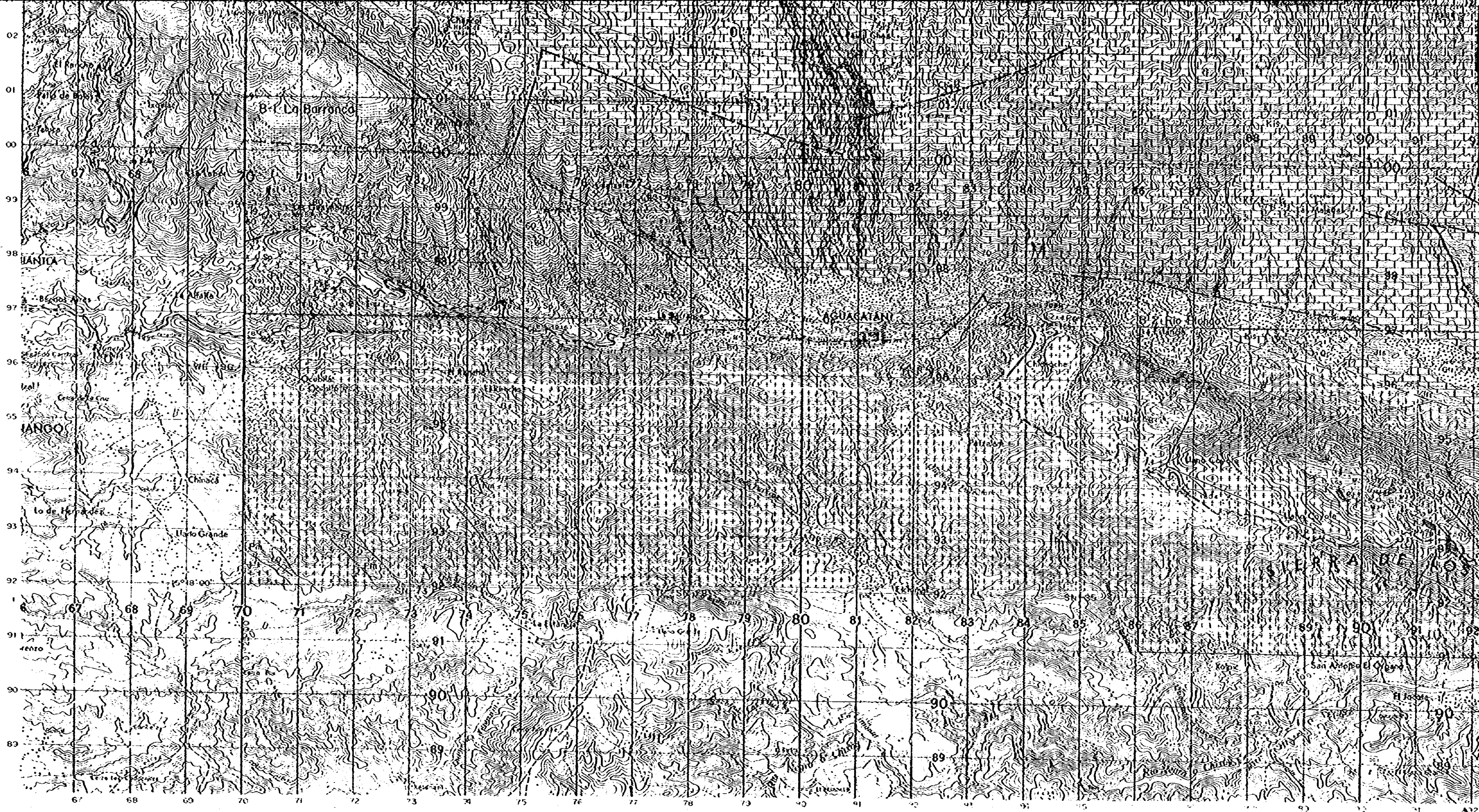


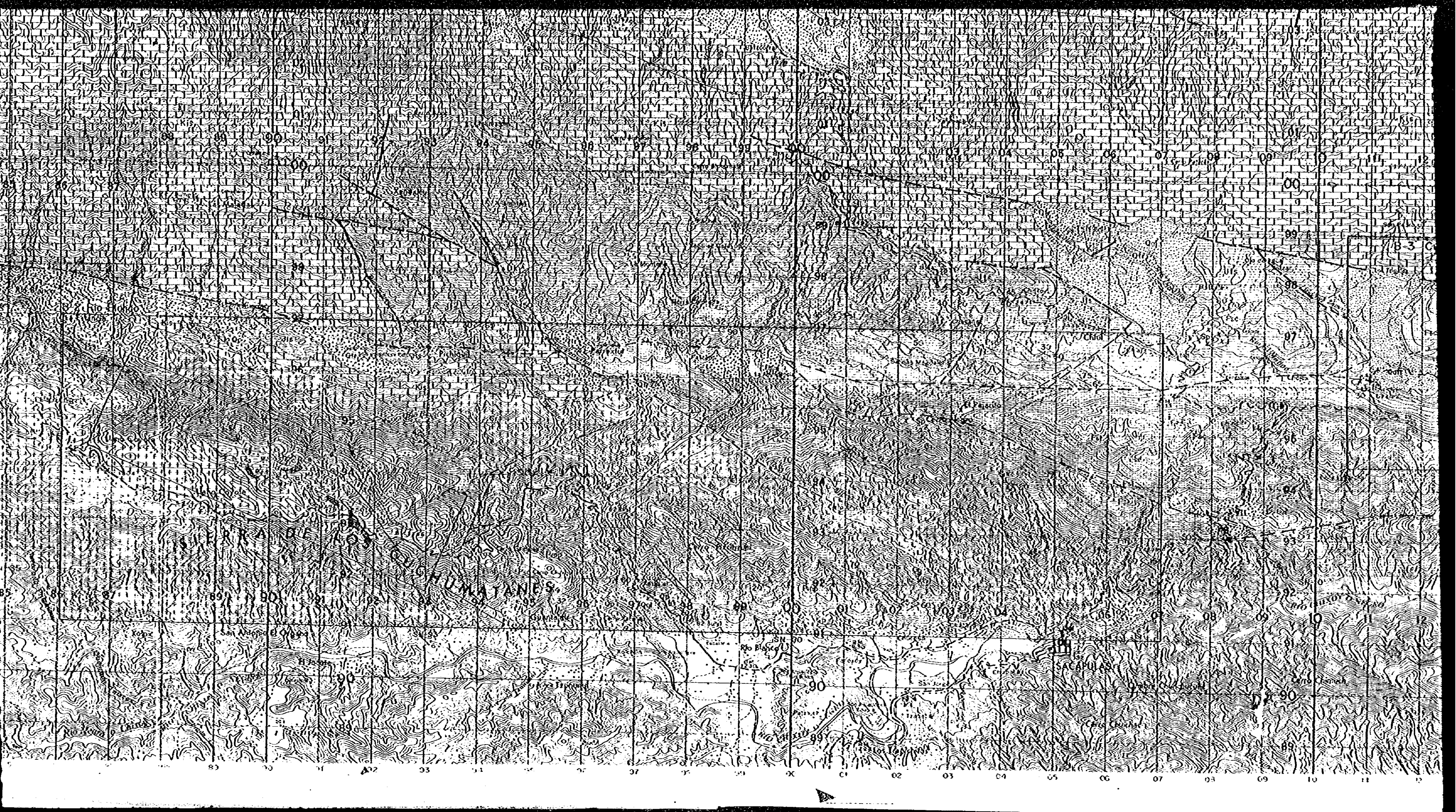
LEGEND

- CENOZOIC**
  - QUATERNARY**
    - Alluvium
    - Volcanic ash, pumice & welded tuff
    - Travertine or calcareous sinter
- MESOZOIC**
  - CRETACEOUS**
    - IXCOY FORMATION**
      - Limestone with a minor amount of dolomite
    - LOWER CRETACEOUS - UPPER TRIASSIC(?)**
      - TODOS SANTOS FORMATION**
        - Terrestrial red beds; shale, sandstone, conglomerate & minor interlayer of limestone (Jts)
  - PERMIAN & PRE-PERMIAN**
    - SANTA ROSA GROUP**
      - Slate, sandstone, dolomite & conglomerate locally including a minor amount of basic & acidic volcanics
      - Limestone with local intercalation of dolomite
      - Diabase including basic volcanics
      - Schist with a minor amount of volcanics
      - (only for areas mapped in 2nd phase)
        - Basic schist
        - Pelitic schist
        - Siliceous schist; sericite quartz schist, siliceous conglomerate schist, recrystallized chert, etc. locally including a minor amount of acidic volcanics
  - INTRUSIVE ROCKS**
    - Granitic rocks & their hypabyssal equivalents
    - Serpentinized peridotite & serpentinite

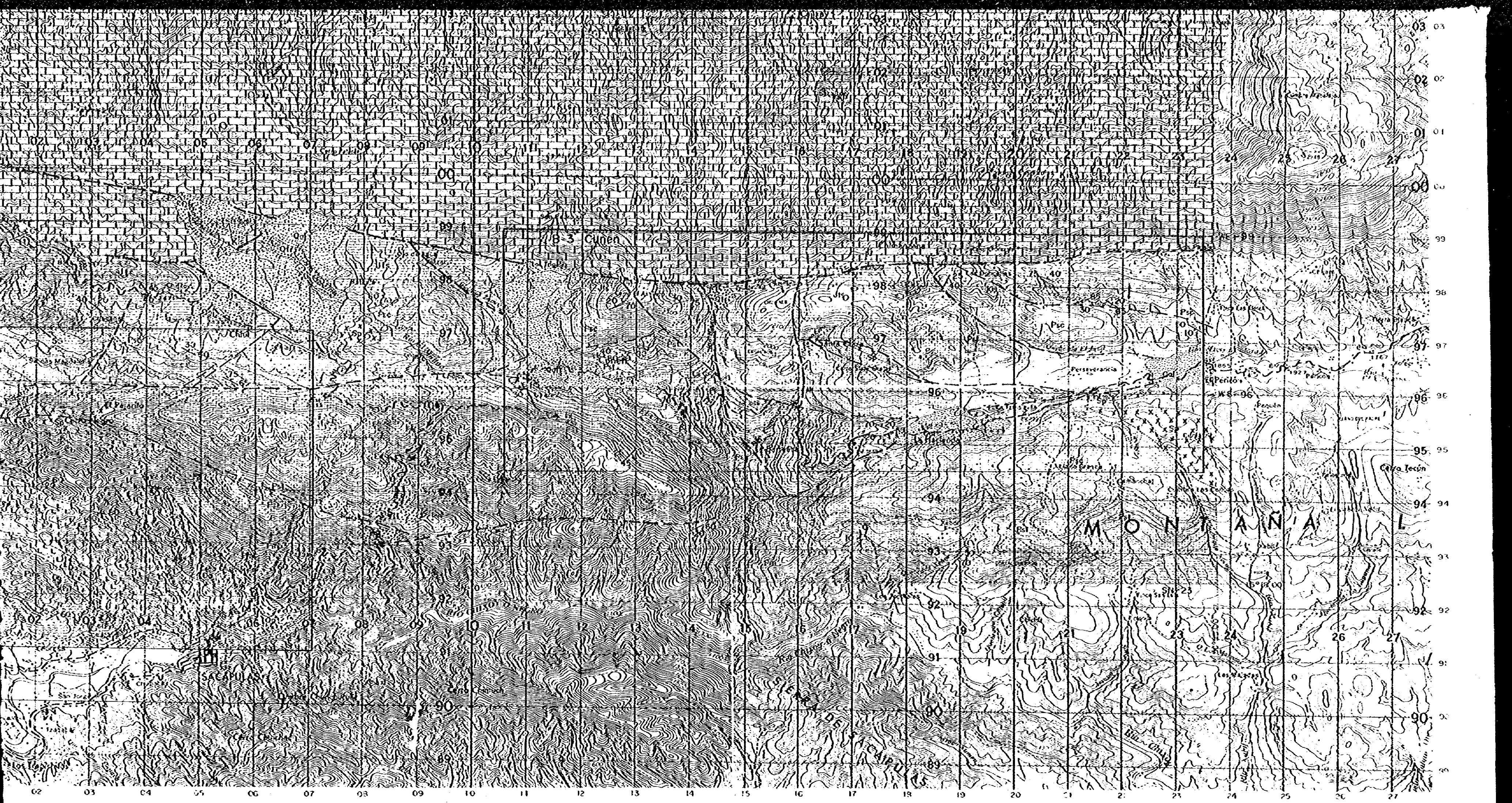








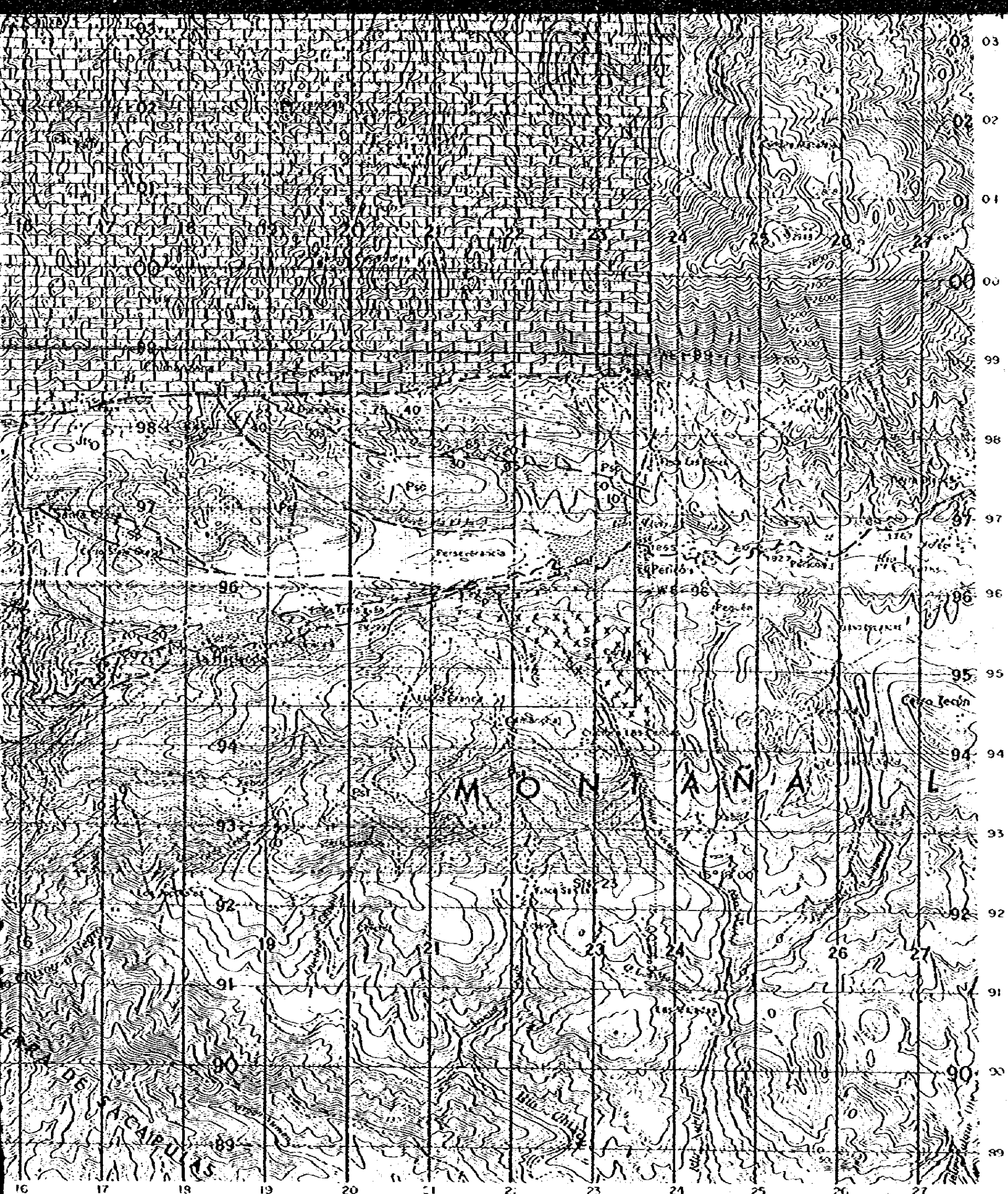




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|---|---|--|
| CENOZOIC                                    |   | Volcanic ash, pumice & welded tuff   |
|   |   | Travertine or calcareous sinter  |
| MESOZOIC                                    | <b>CRETACEOUS</b>   |  |
|   | <b>IXCOY FORMATION</b>  |  |
|   |   | Limestone with a minor amount of dolomite  |
| <b>LOWER CRETACEOUS - UPPER TRIASSIC(?)</b> |   |  |
| <b>TODOS SANTOS FORMATION</b>               |   |  |
|   | Terrestrial red beds; shale, sandstone, conglomerate & minor interlayer of limestone (Jisc) |  |
| PALEOZOIC                                   | <b>PERMIAN &amp; PRE-PERMIAN</b>  |  |
|   | <b>SANTA ROSA GROUP</b>   |  |
|   |   | Slate, sandstone, dolomite & conglomerate locally including a minor amount of basic & acidic volcanics   |
|   |   | Limestone with local intercolation of dolomite   |
|   |   | Diabase including basic volcanics  |
|   |   | Schist with a minor amount of volcanics<br><small>(only for areas mapped in 2nd phase)</small>   |
|   |   | Basic schist   |
|   |   | Pelitic schist   |
|   |   | Siliceous schist; sericite quartz schist, siliceous conglomerate schist, recrystallized chert, etc.<br><small>locally including a minor amount of acidic volcanics</small> |
|   | <b>INTRUSIVE ROCKS</b>  |  |
|   | Granitic rocks & their hypabyssal equivalents   |  |
|   | Serpentinized peridotite & serpentinite   |  |
|   | Dykes & sheets<br><small>(only for areas mapped in 2nd phase)</small>                       |  |
|   | Acidic rocks; quartz porphyry, rhyolite, etc.   |  |
|   | Intermediate basic rocks; andesite, porphyrite, etc.  |  |
|   | Gossan & skarn  |  |
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|--|--------------------------------|--|---------------------------------|
|  | Geological boundary            |  | Fossil locality                 |
|  | Bedding (horizontal, inclined) |  | Sample site for age date        |
|  | Bedding (vertical, estimated)  |  | Drill site                      |
|  | Fault (observed or positive)   |  | Showings, prospects & old works |
|  | Fault (inferred or probable)   |  | Geological section line         |
|  | Anticline                      |  | Areas mapped in 2nd phase       |
|  | Syncline                       |  |                                 |