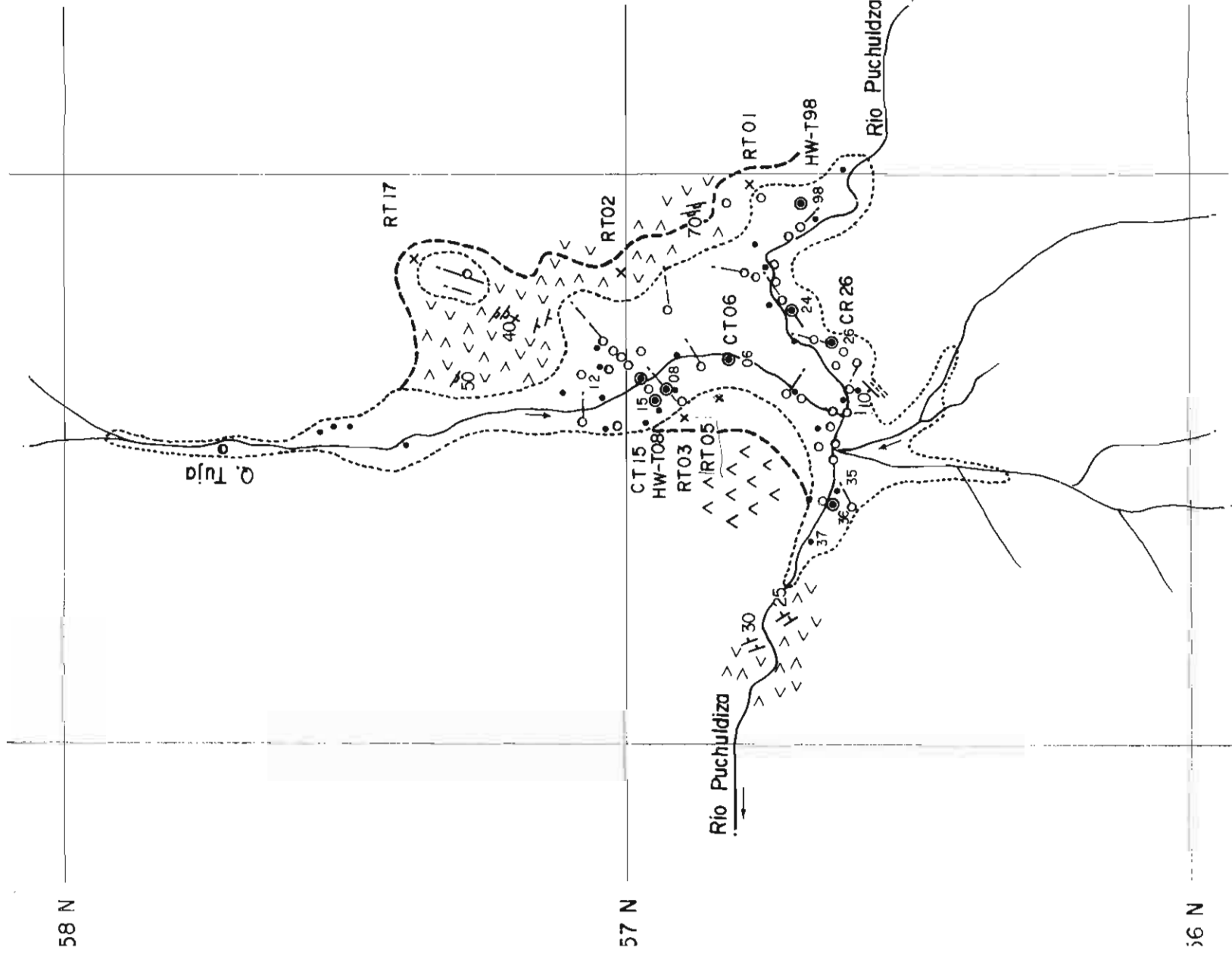
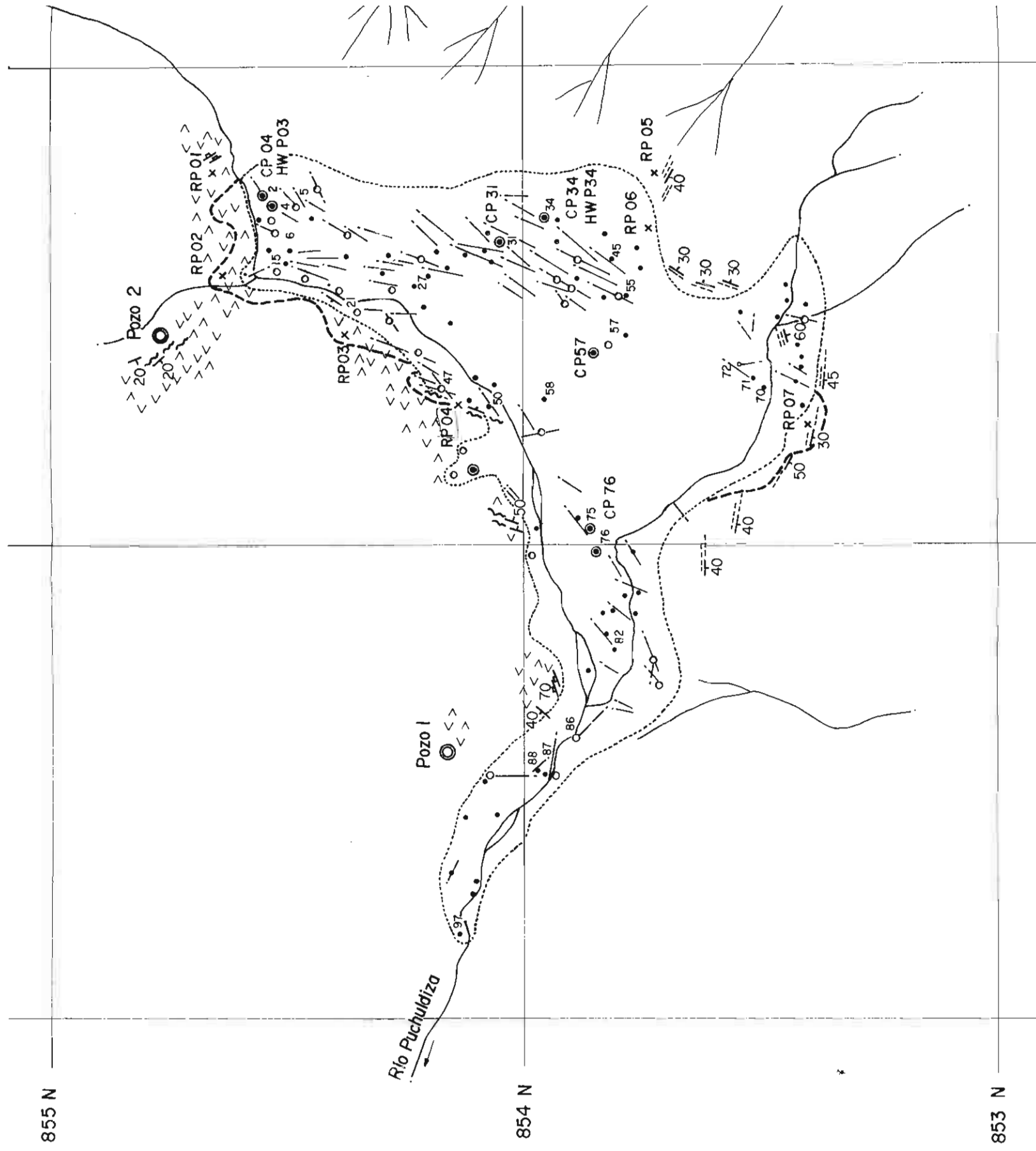
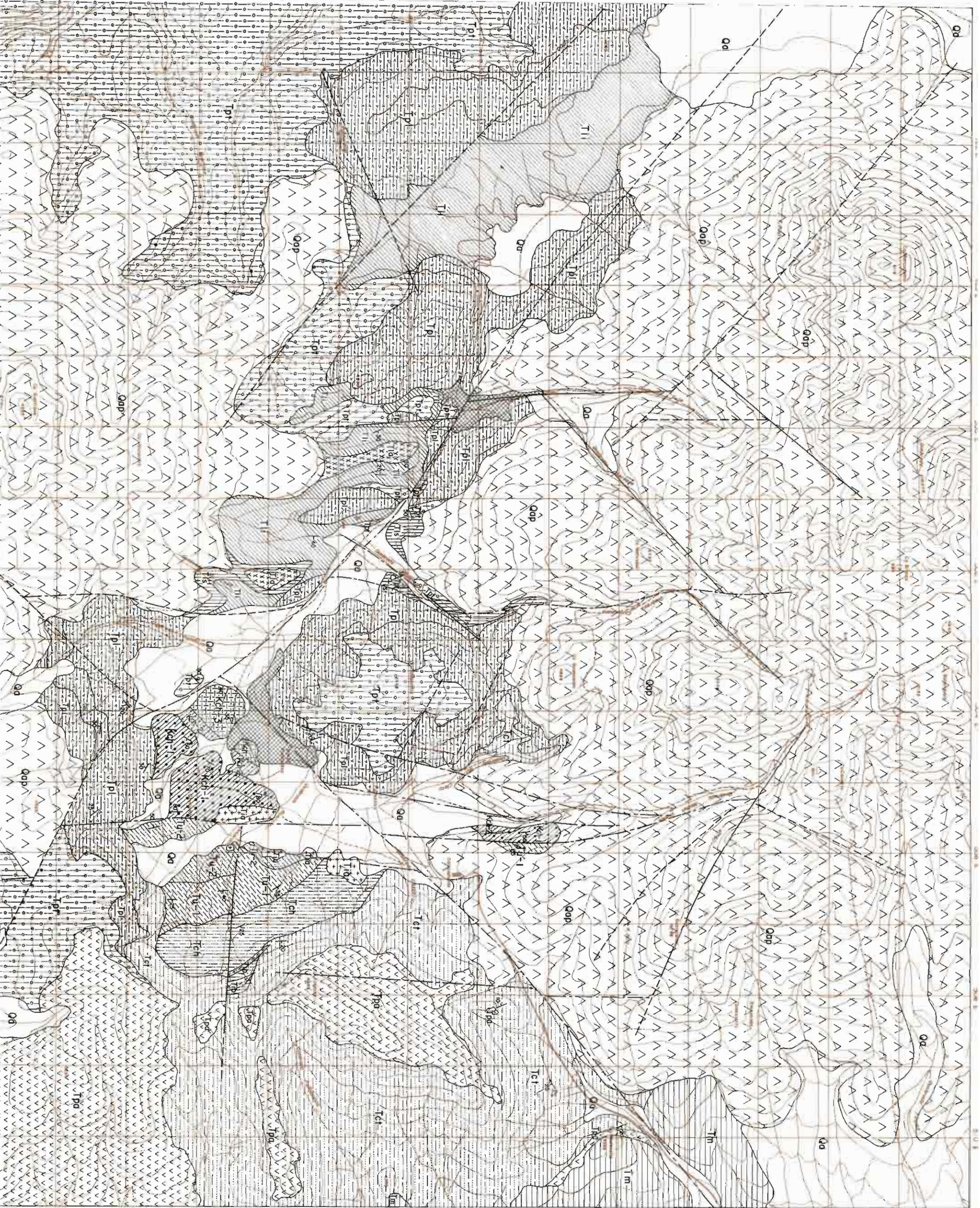


TUJA



PUCHULDIZA



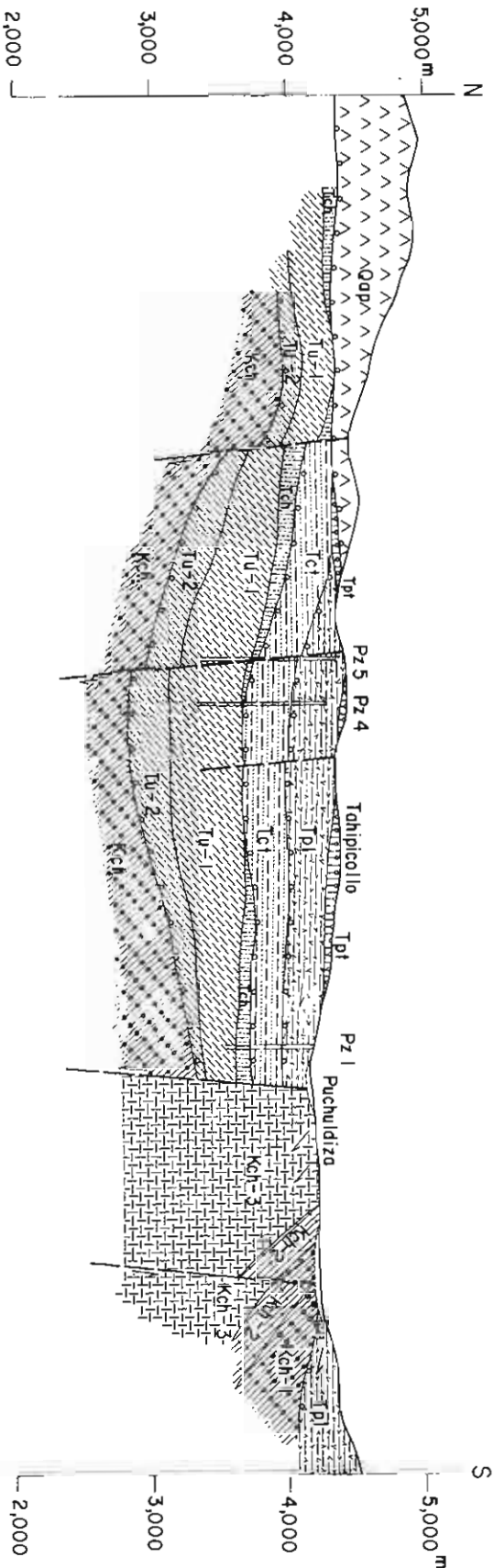


1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

Volca
Clasti
Andes
Lipari
Basen

(504 E)



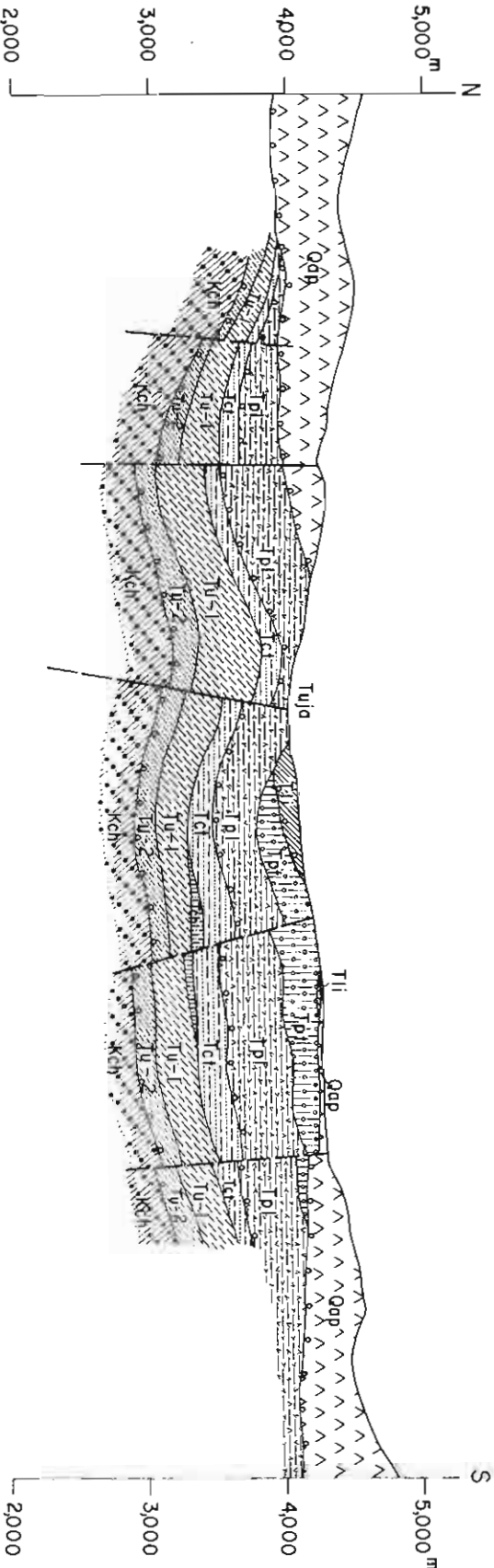
LEGEND

Formation, Rock Type and Group

| | | |
|-------|--|----------------|
| Qa | Alluvium | |
| Qap | Pleistocene Andesite | |
| Tia | Lupe, Andesite and Pyroclastics | Clastic |
| Tis | Lupe, Andesite and Pyroclastics | |
| Tti | Lupe, Sandstone and Conglomerate | |
| Tpa | Guacalliri, Andesite | Andesitic |
| Tpt | Puchulidizo, Andesitic Ignimbrite | |
| Tpl | Puchulidiza, Andesite | |
| Tcl | Condoriri, Rhyolitic and Dacitic Tuff | Liparitic |
| Tch | Chojna Choya, Sandstone With Conglomerate | |
| Tu-1 | Utiyane, Dacitic Ignimbrite | |
| Tu-2 | Utiyane, Rhyolitic Tuff | Basement (Kch) |
| Kch-1 | Churicollo, Green Sandstone and Conglomerate | |
| Kch-2 | Churicollo, Rhyolitic Crystalline Tuff | |
| Kch-3 | Churicollo, Andesitic Tuff | |
| Tia | Intrusive | |

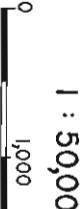
| | |
|---------|---------------------|
| Geology | |
| | Fault |
| | Bedding |
| | Geological Boundary |
| | Unconformity |
| | Well |

(500 E)



Geothermal Power Development
in Puchulidiza
the Republic of Peru

GEOLOGICAL MAP
(N — S)



Nov~Dec, 1978 Fig.

LEG

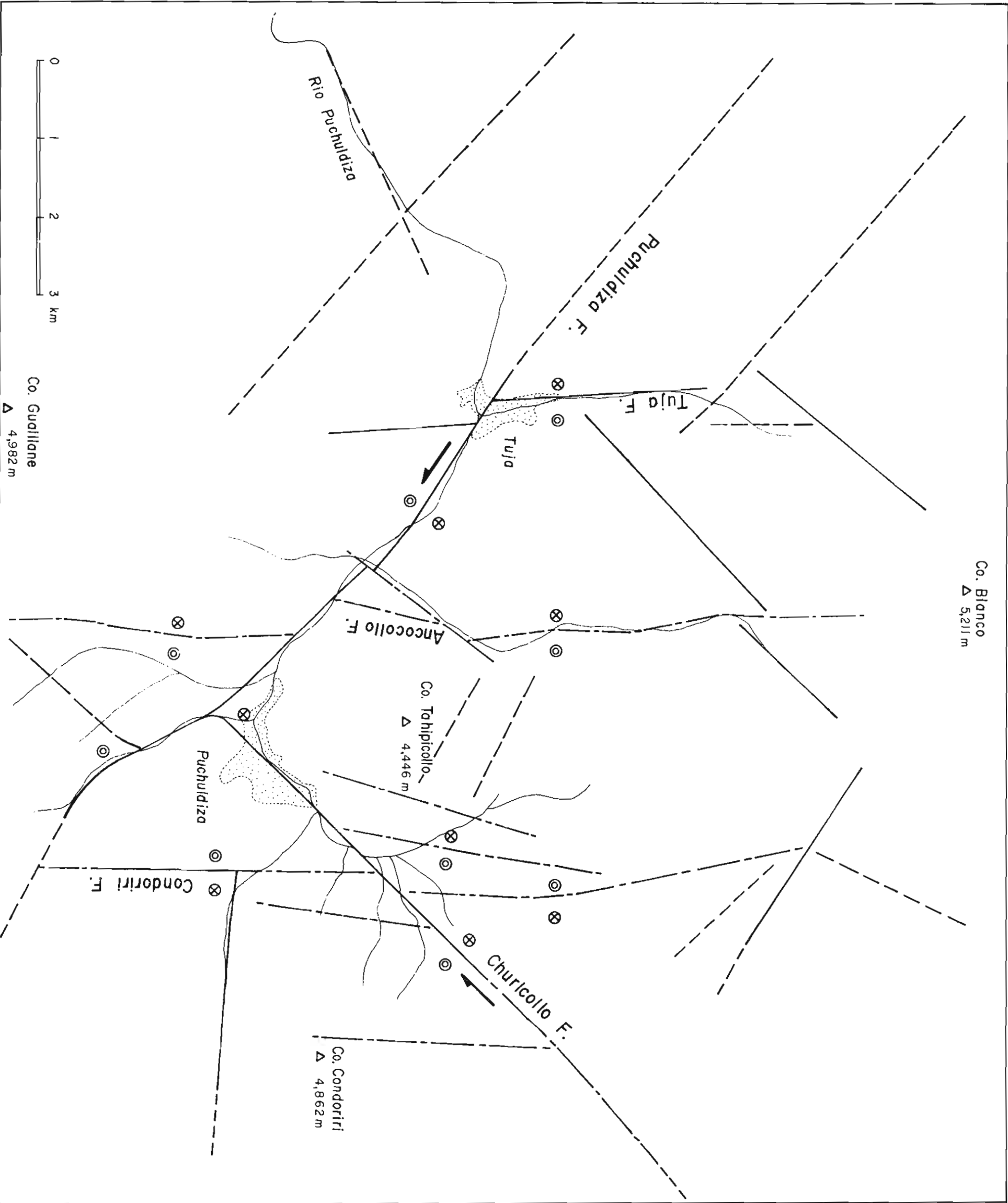


Geothermal P
the R
LINEA
THE



Nov-Dec, 197





LEGEND

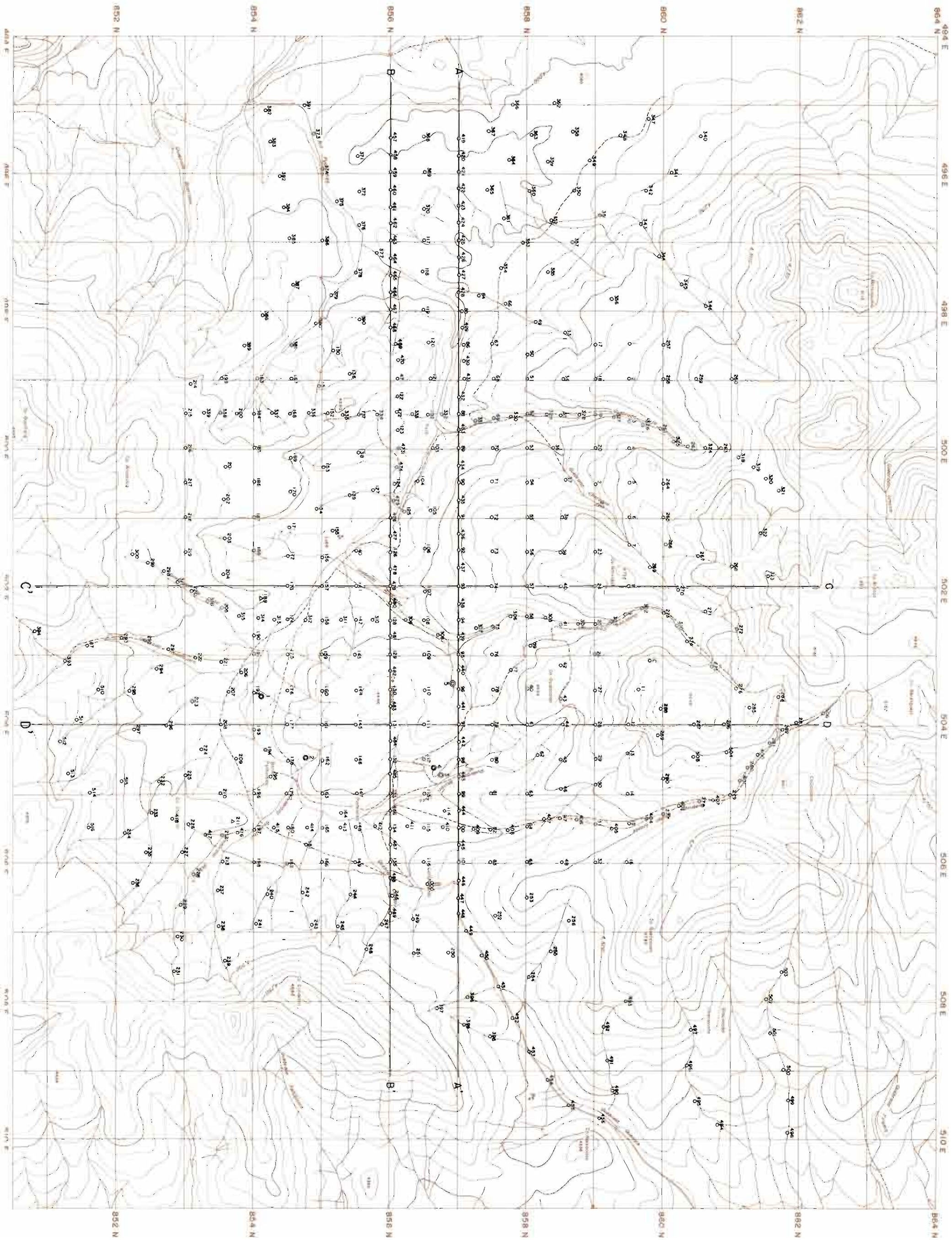
- Confirmed fault
- Concealed fault
- Inferred fault
- Direction of movement
- Elevated block
- Subsident block
- Geothermal area

Geothermal Power Development Project in Puchuldiza the Republic of Chile FAULT SYSTEM AND BLOCK MOVEMENT

1:50,000

0 1,000 2,000 m

Nov ~ Dec, 1978 Fig. II-1-7



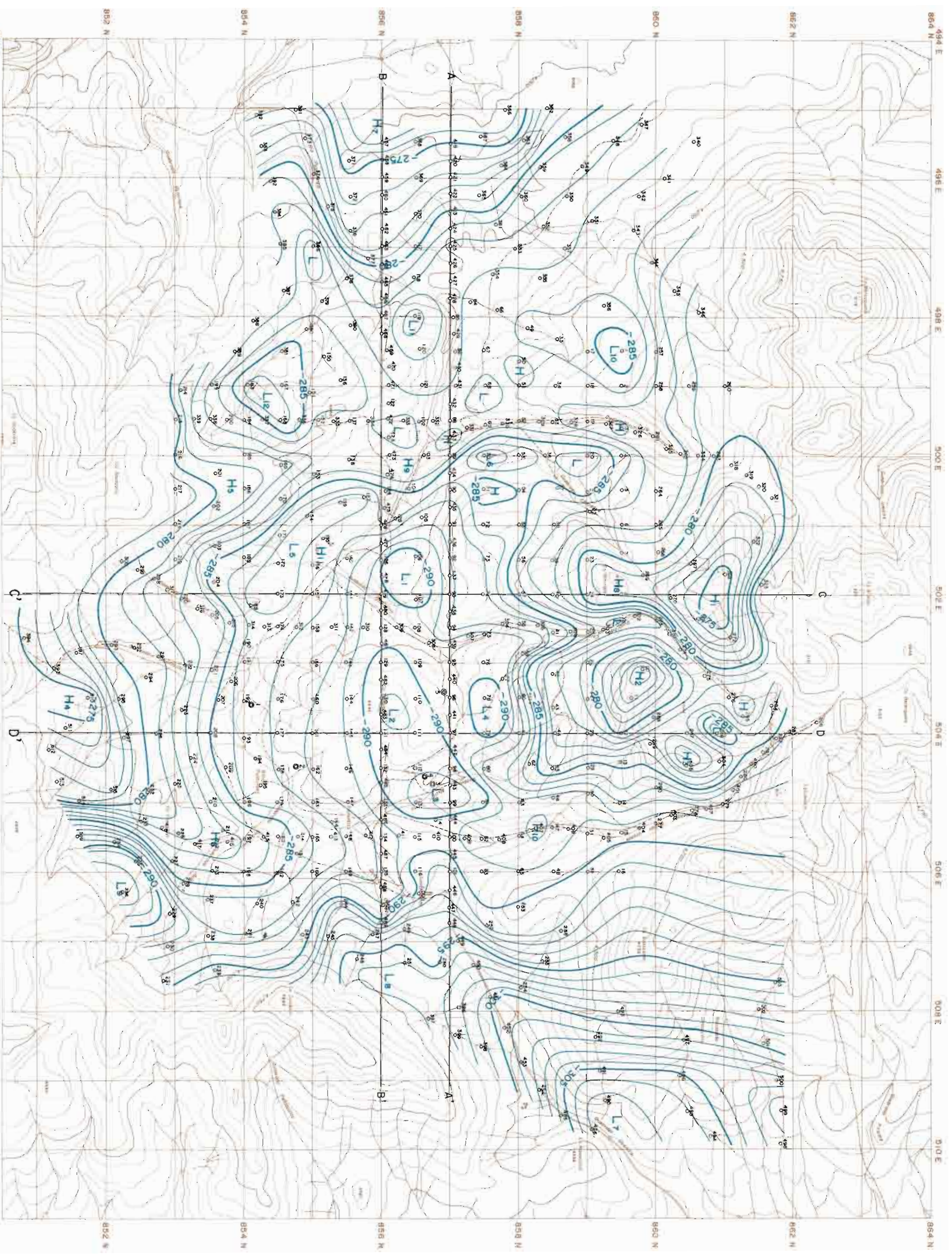
Geoffe

LOC.

OBS



Nov ~ 1



Geol

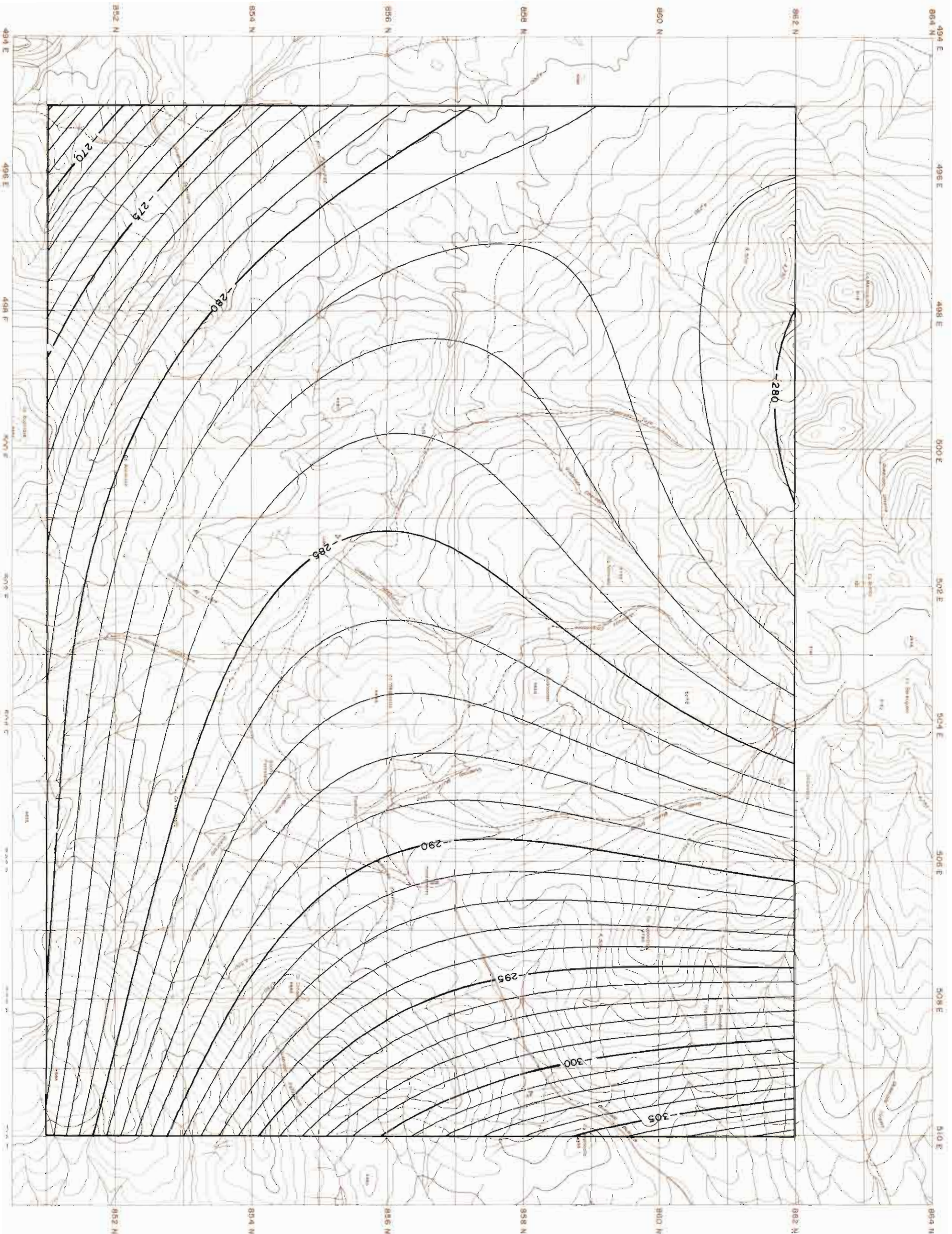
BC

1

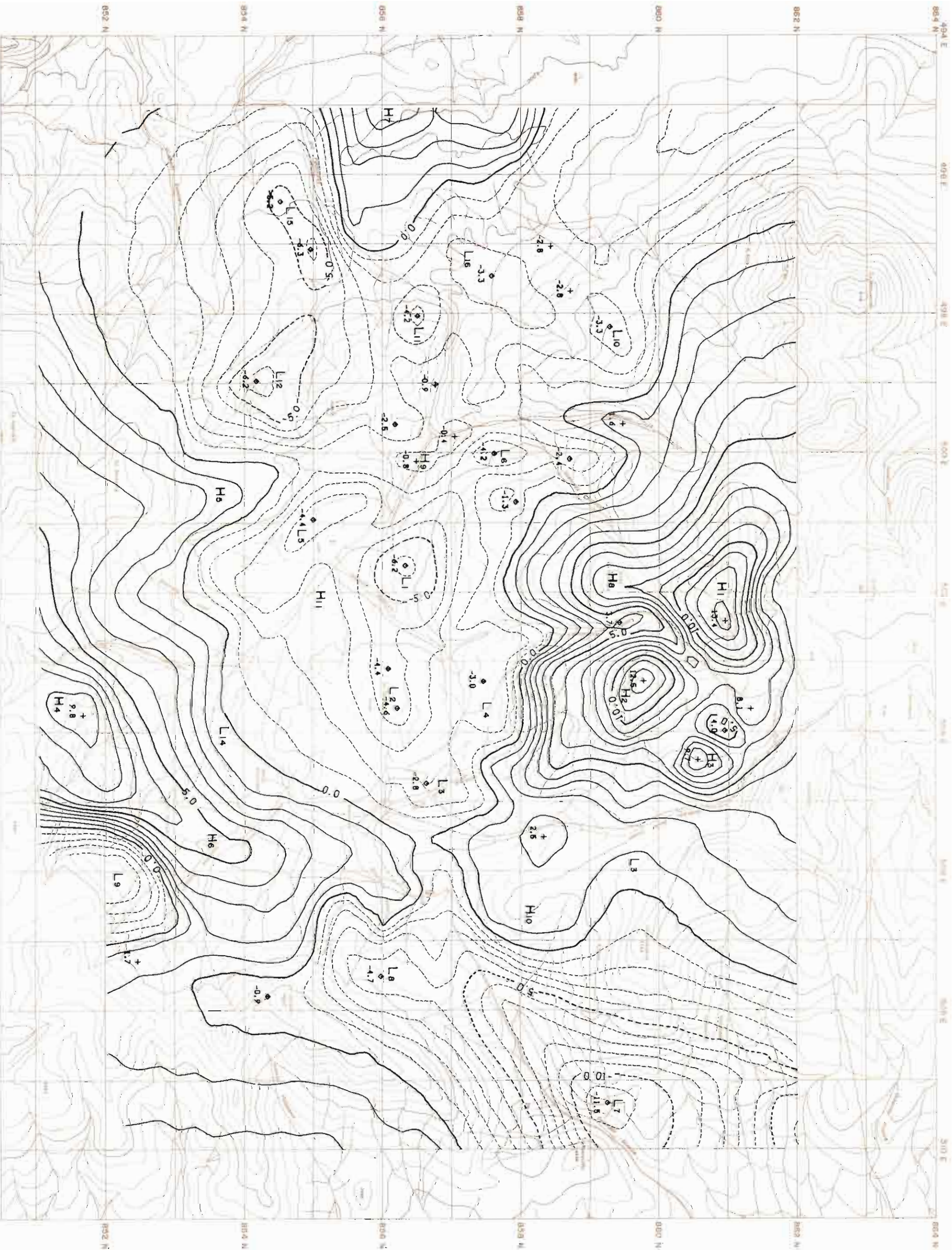
Nov







Geotherm:
↑↑
THIRD-
0
Nov ~ Dec,

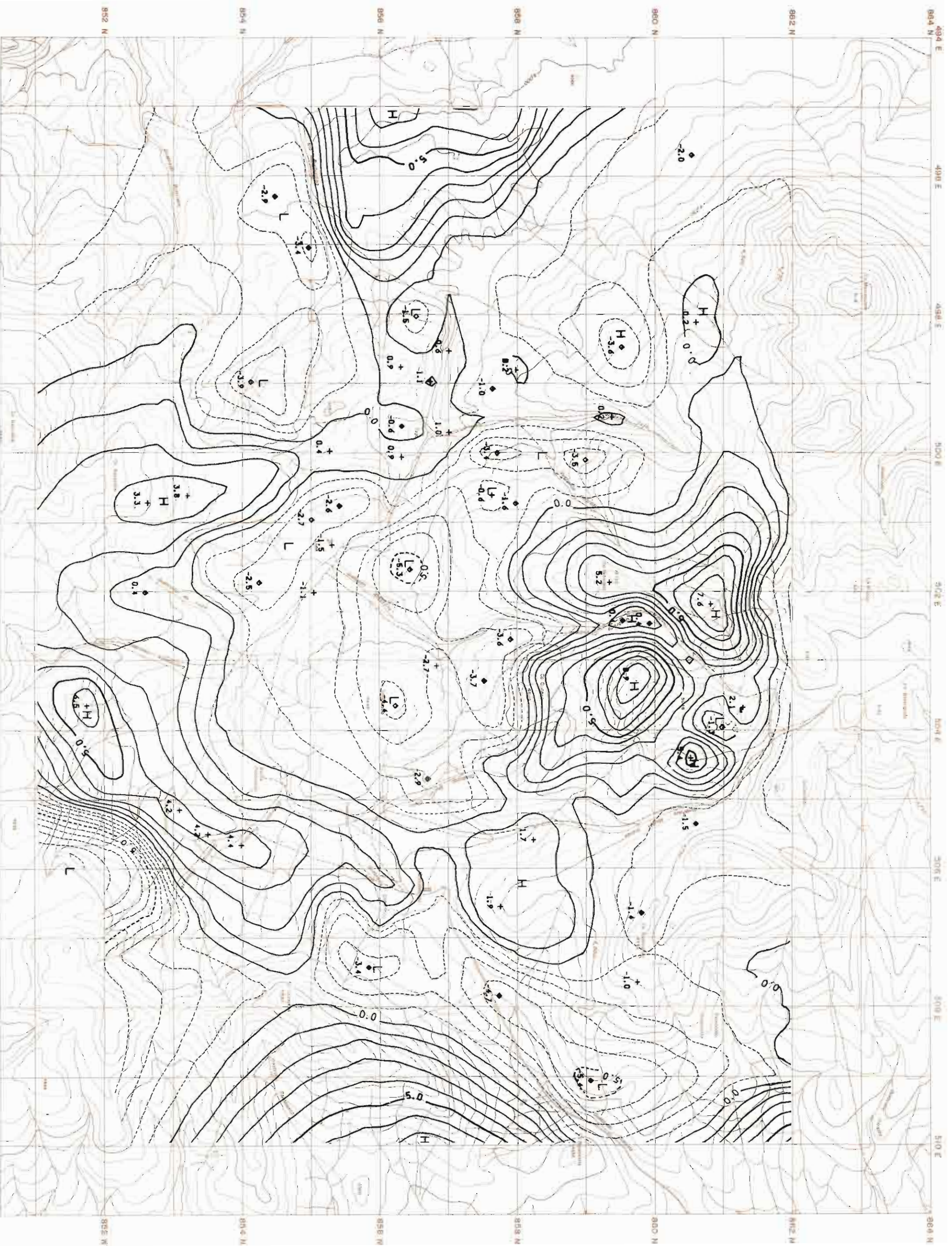


Geotherma

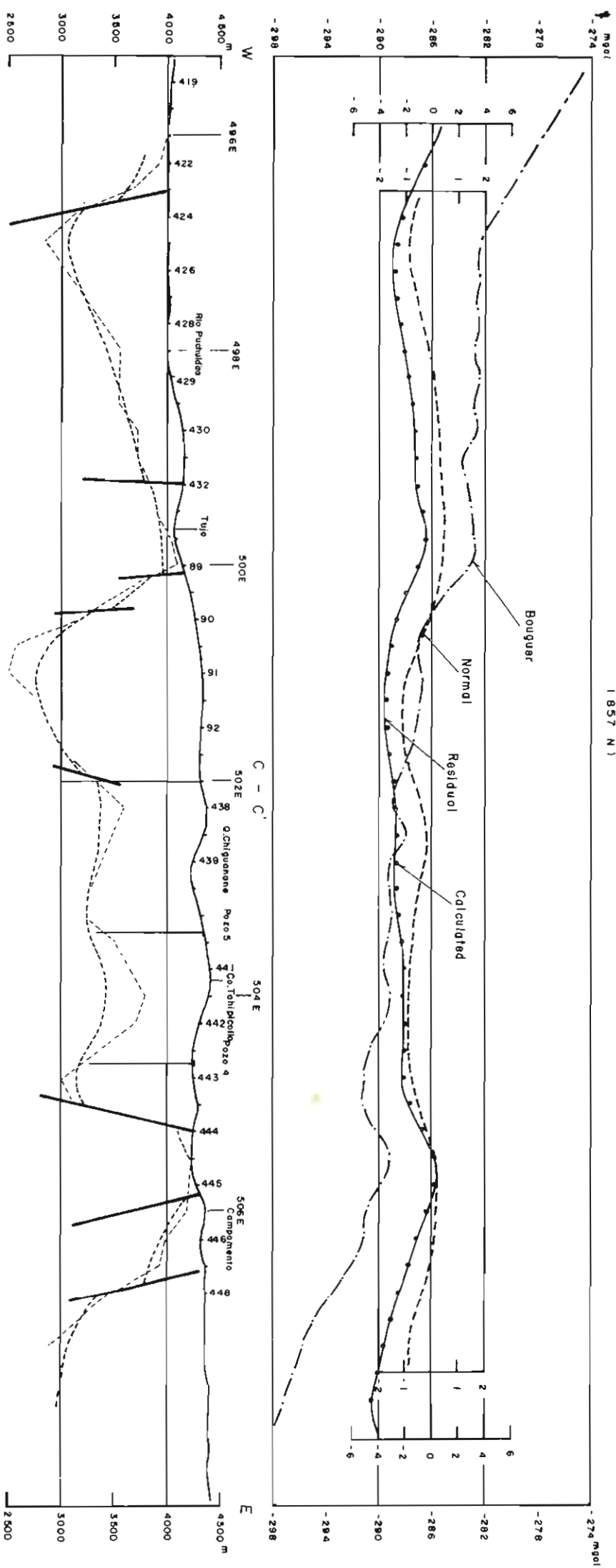
1M

FIRST-

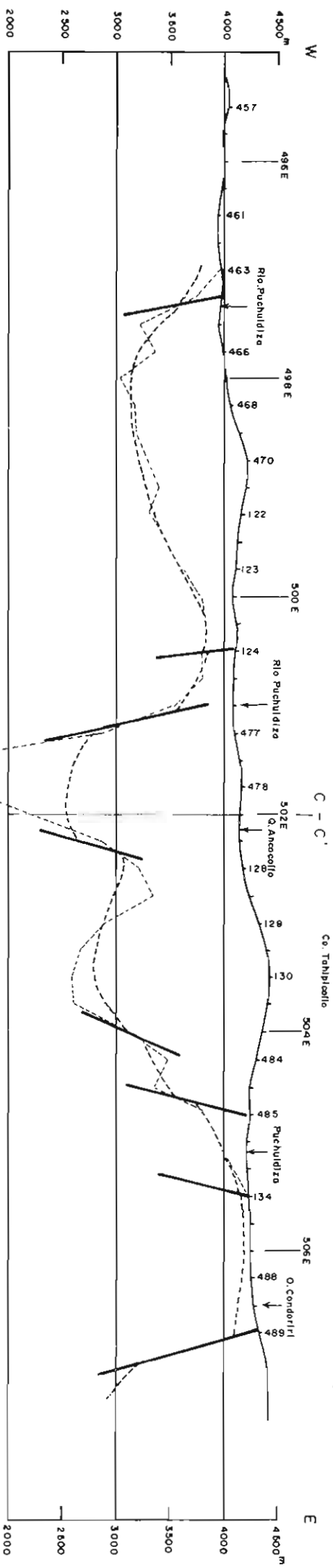
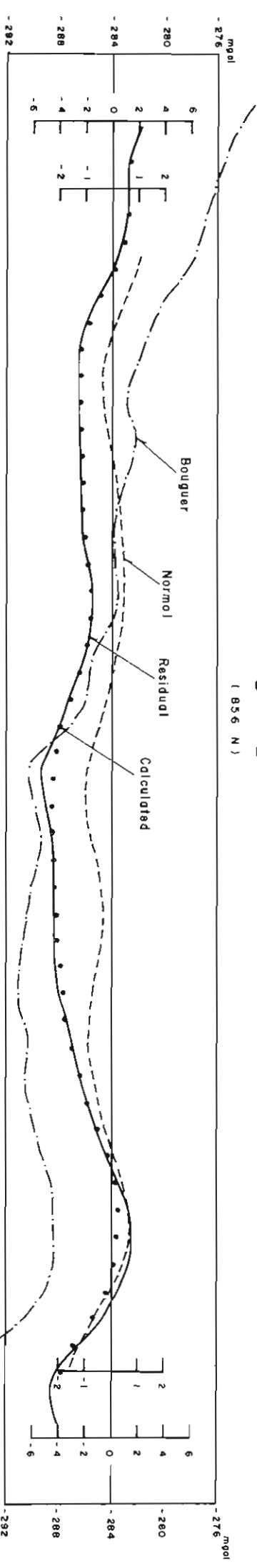
0
NOV ~ Dec,



1857 N)



(856 N)



the Republic of Chile

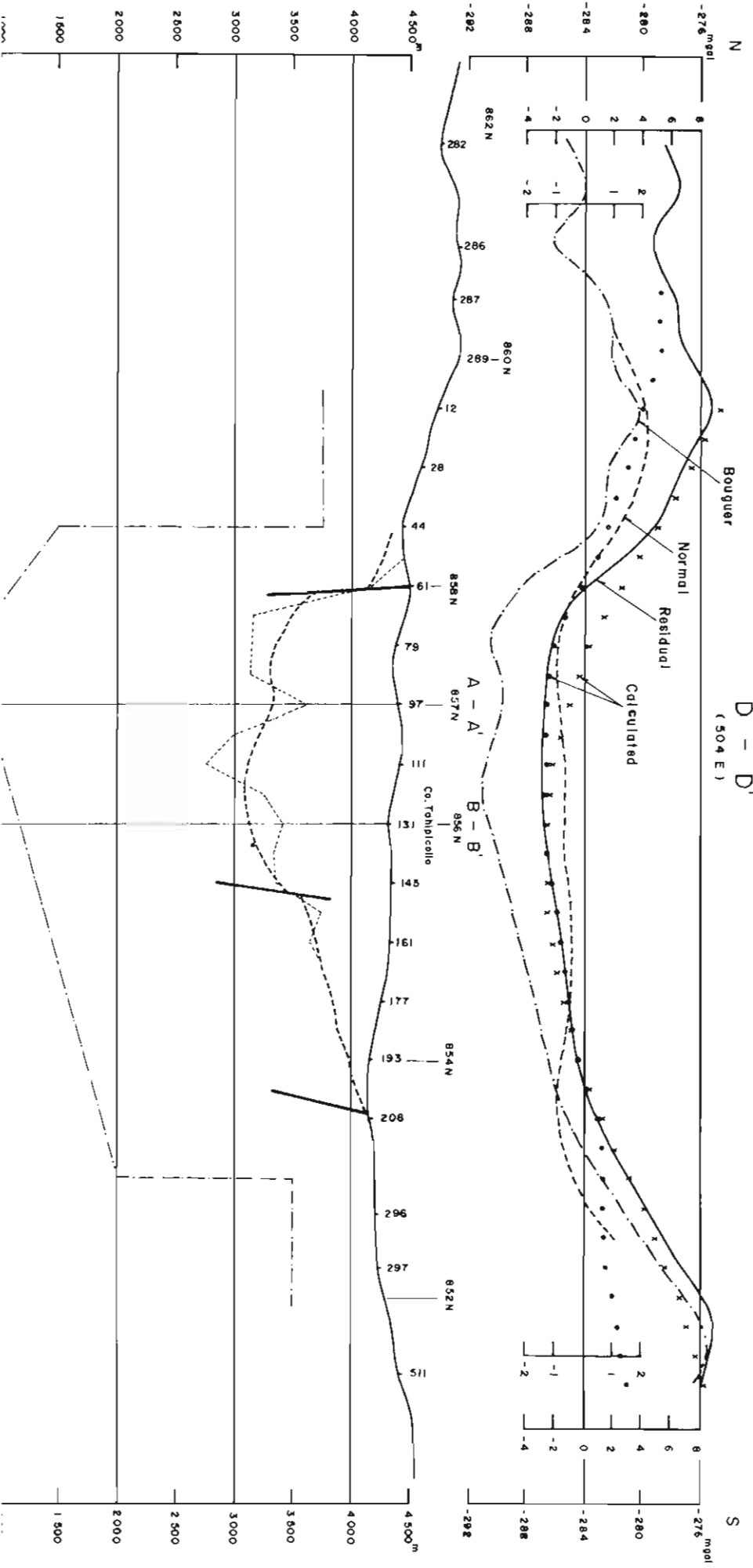
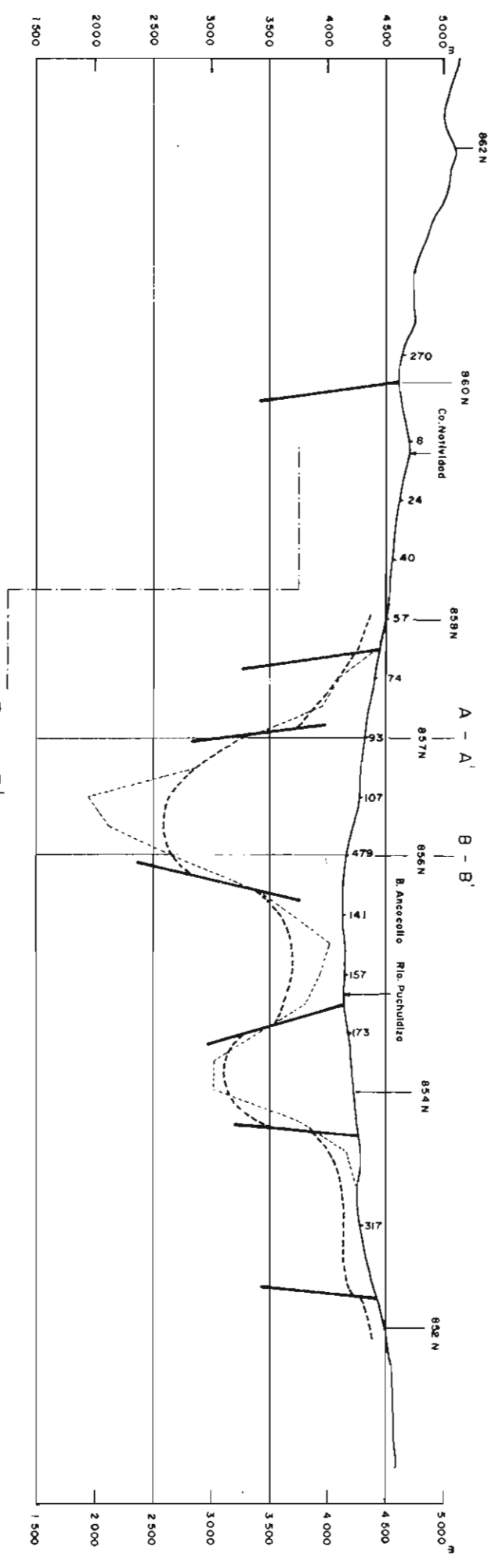
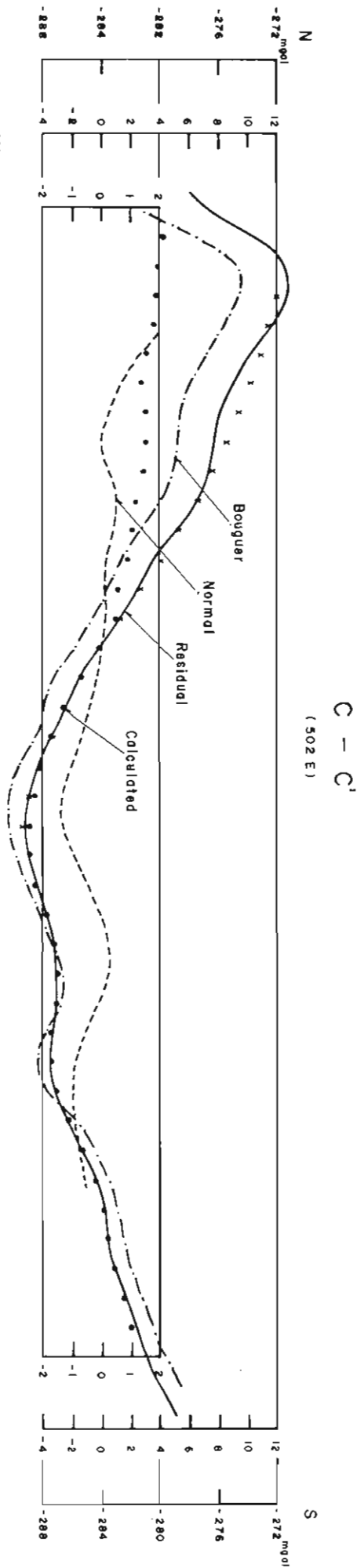
 $A-A', B-B'$

1. 30,000



Nov ~ Dec, 1978

Fig. II-3-8



Geothermal Power Development Project
in Puchudizo
the Republic of Chile

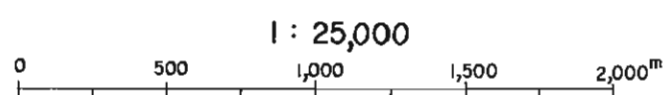
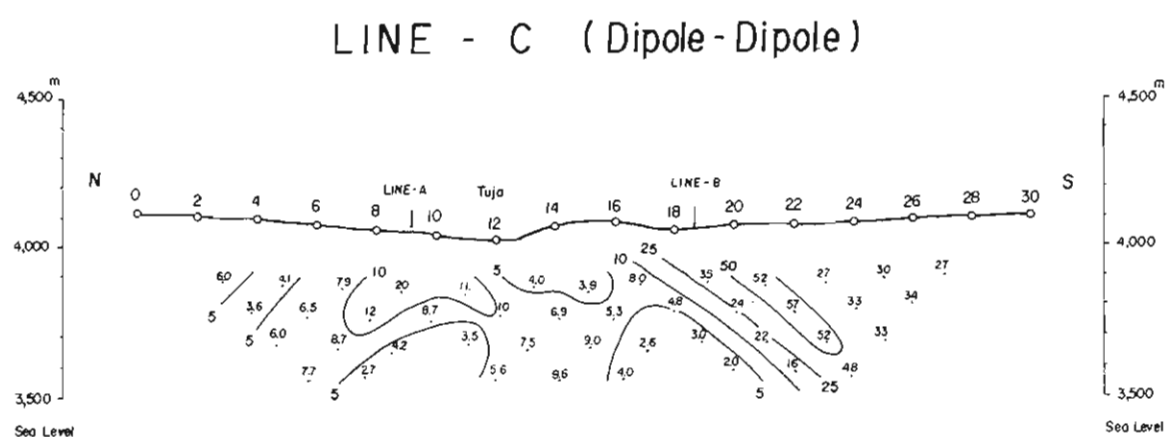
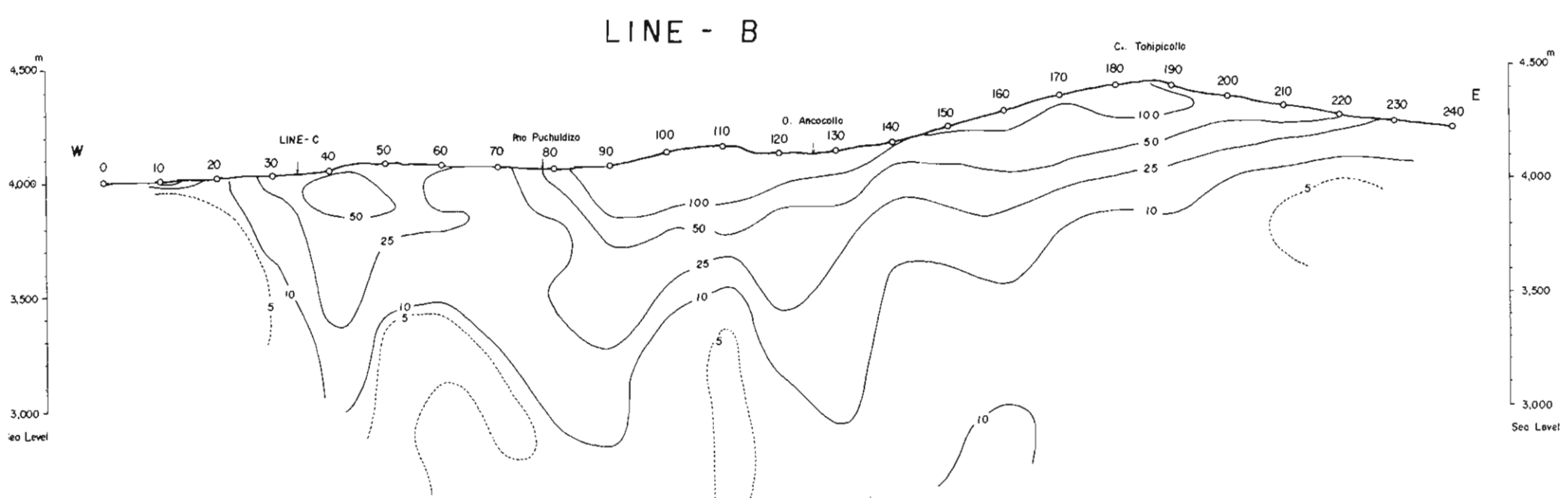
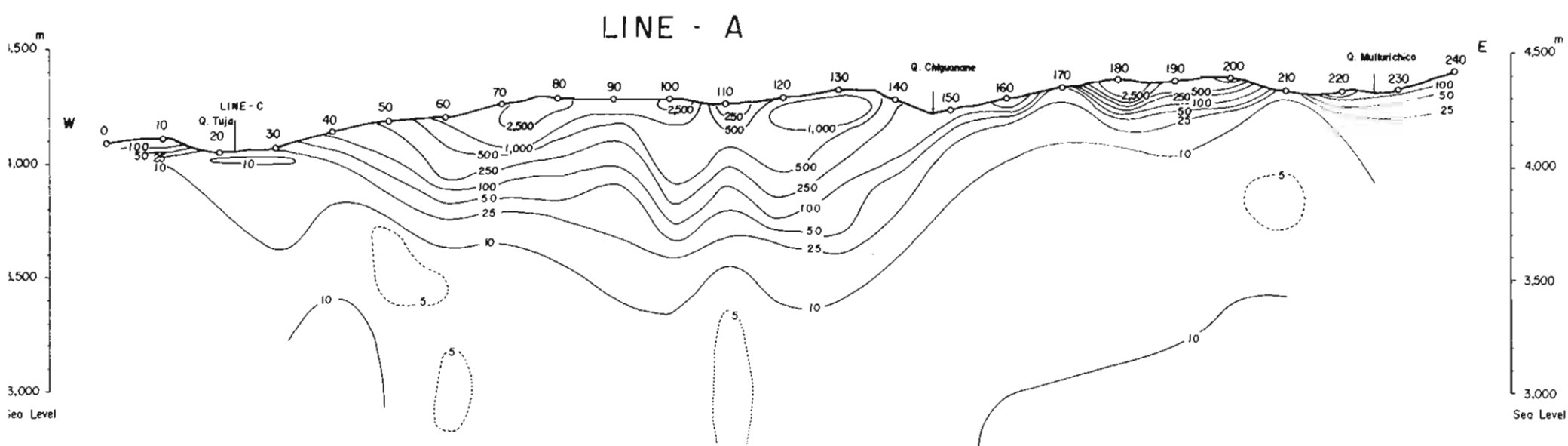
CROSS-SECTION OF
C - C', D - D'

1 : 50,000

0 1,000 2,000 m

Nov ~ Dec, 1978 **Fig. II-3-9**

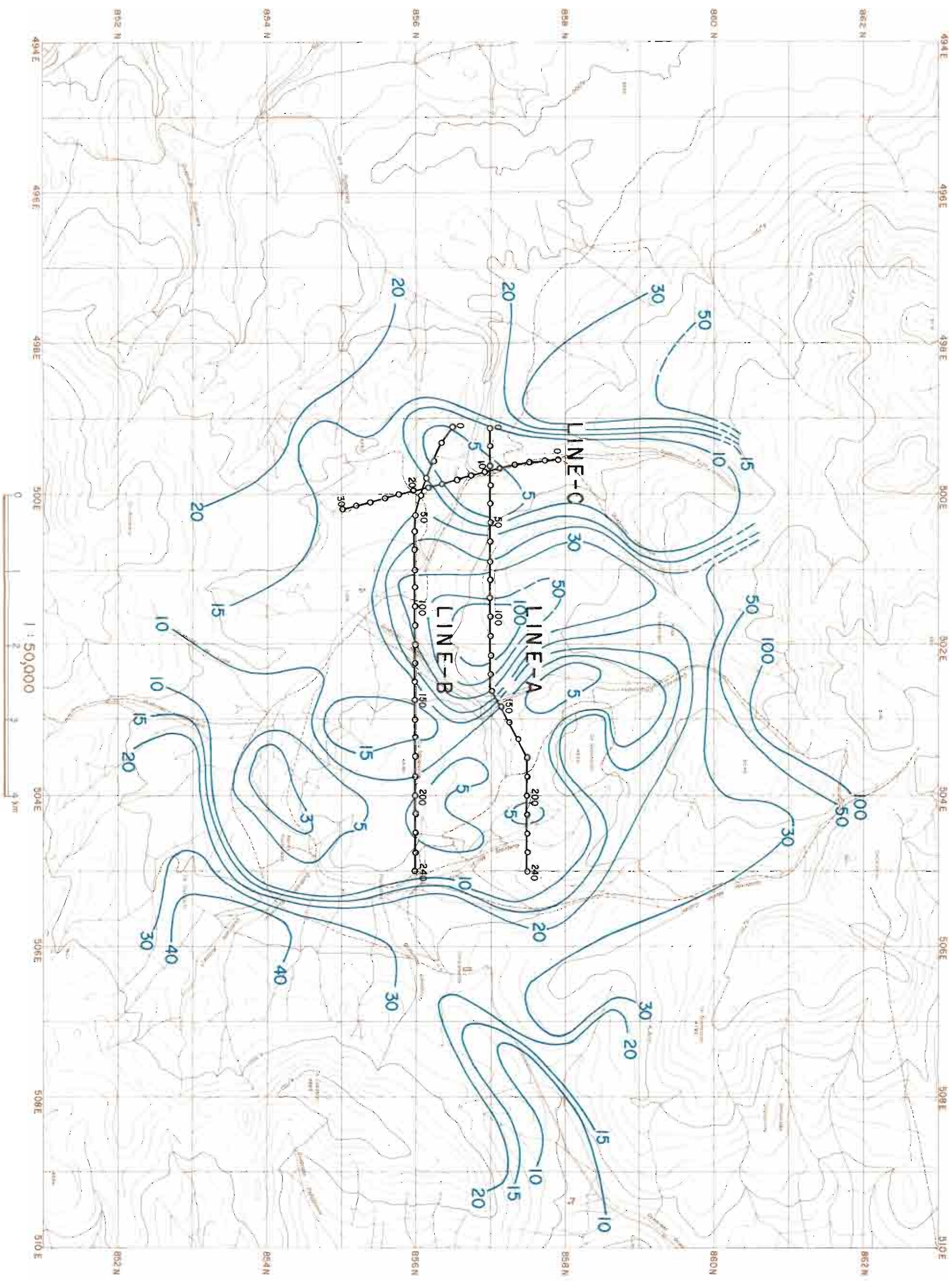
66



Unit in Ω -m

Fig II-4-2

APPARENT RESISTIVITY SECTION (LINE-A,B,C)



— 10 —
Contour Line
Apparent Re:
Unit : Ω

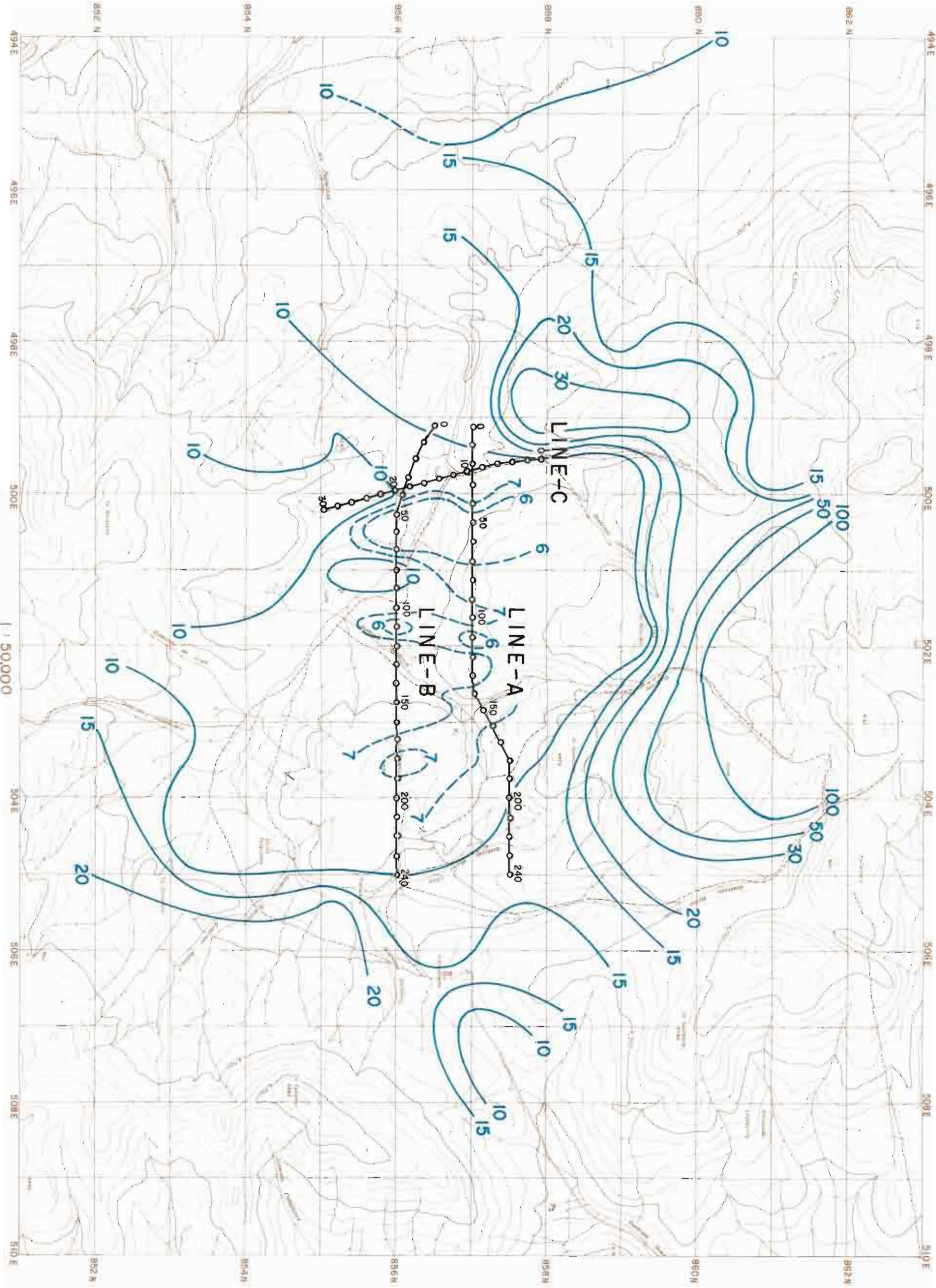
Geothermal Power Dev
in Puchukit
the Republic o

APPARENT RES
MAP

AB/2 = 5

0
1 : 50,000
1,000

Nov ~ Dec, 1978 Fig



~10
Contour Line of
Apparent Resistivity
Unit : Ωm

Geothermal Power Development
in Puchulizco
the Republic of Chile

APPARENT RESISTIV
MAP

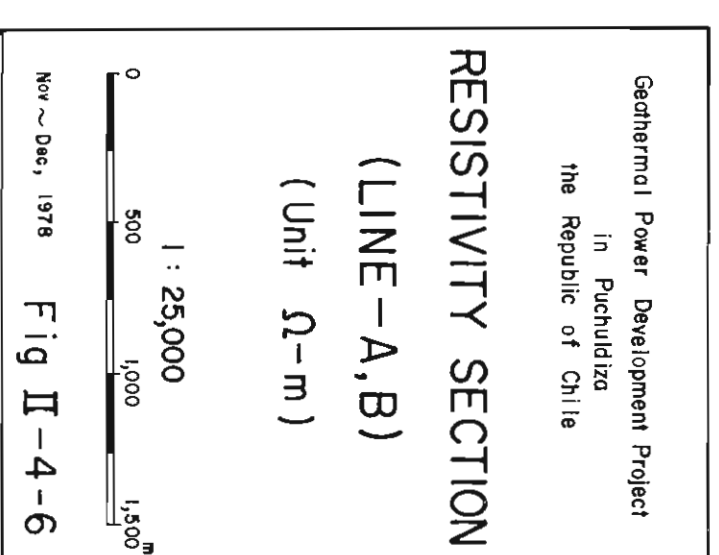
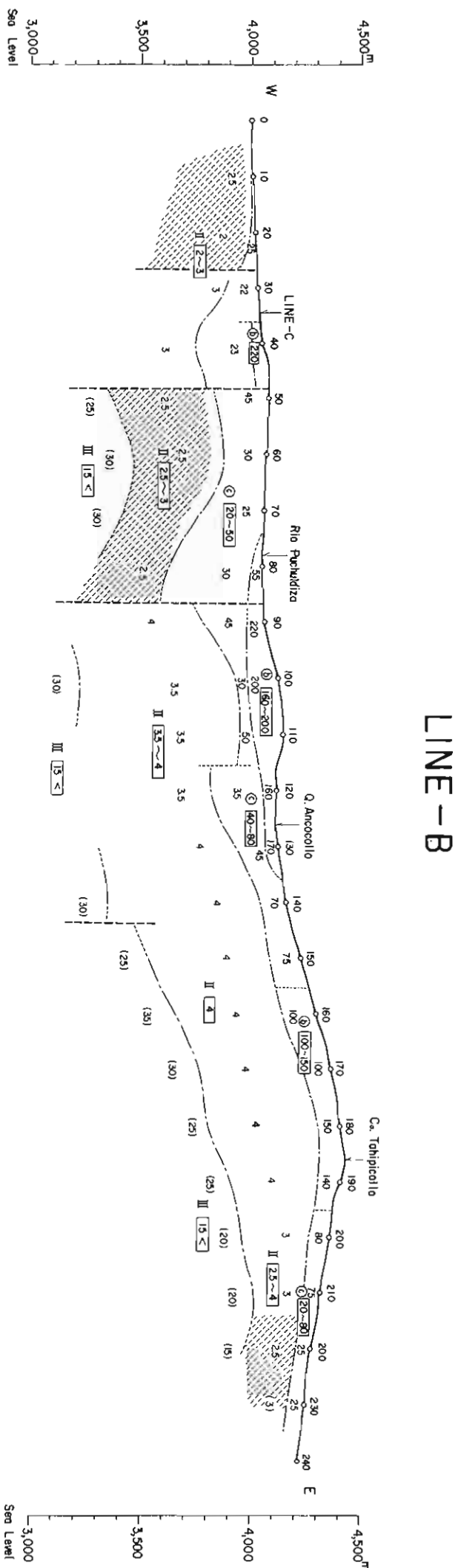
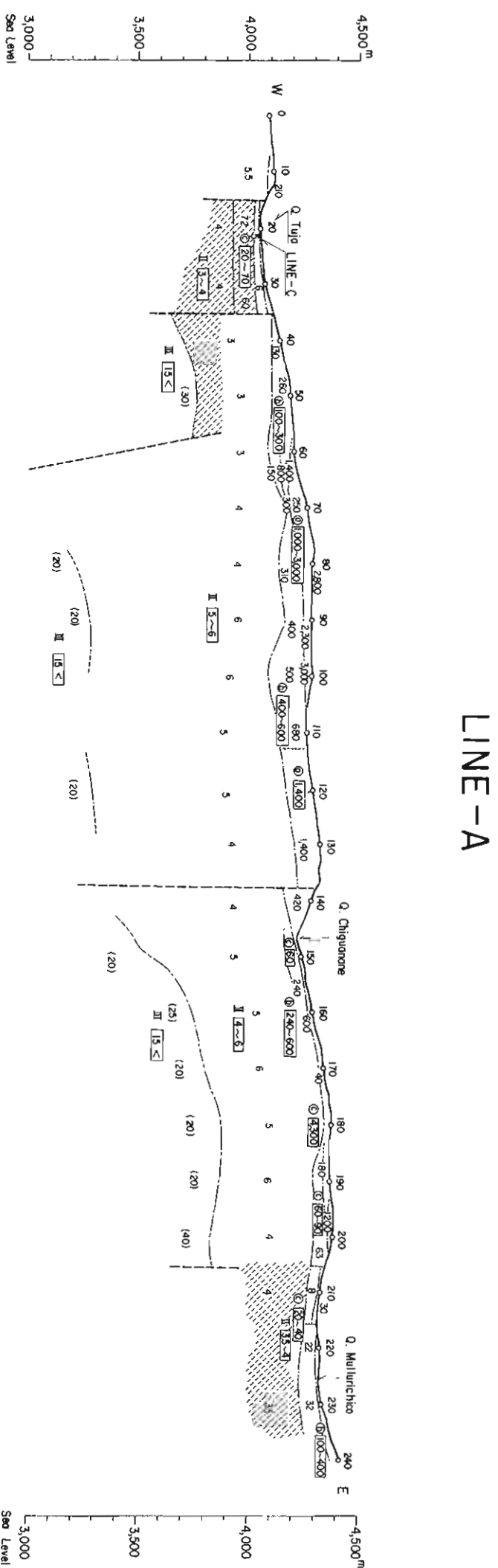
AB / 2 = 1,000 m

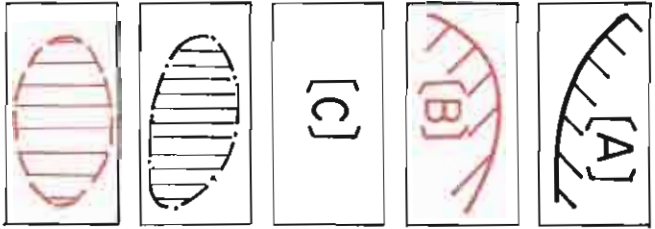
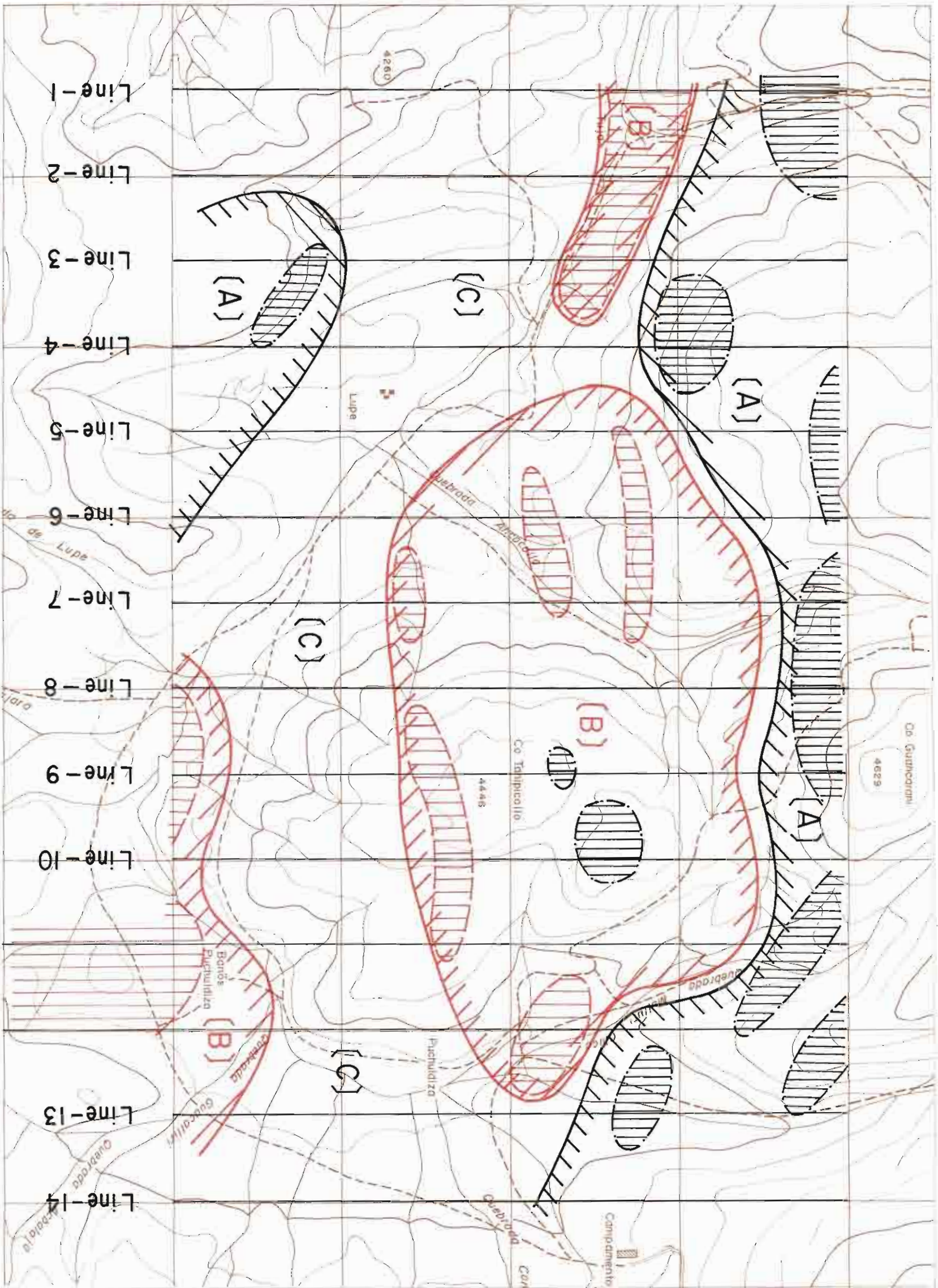
1 : 50,000

0 1,000 2

Nov ~ Dec, 1978

Fig II-4

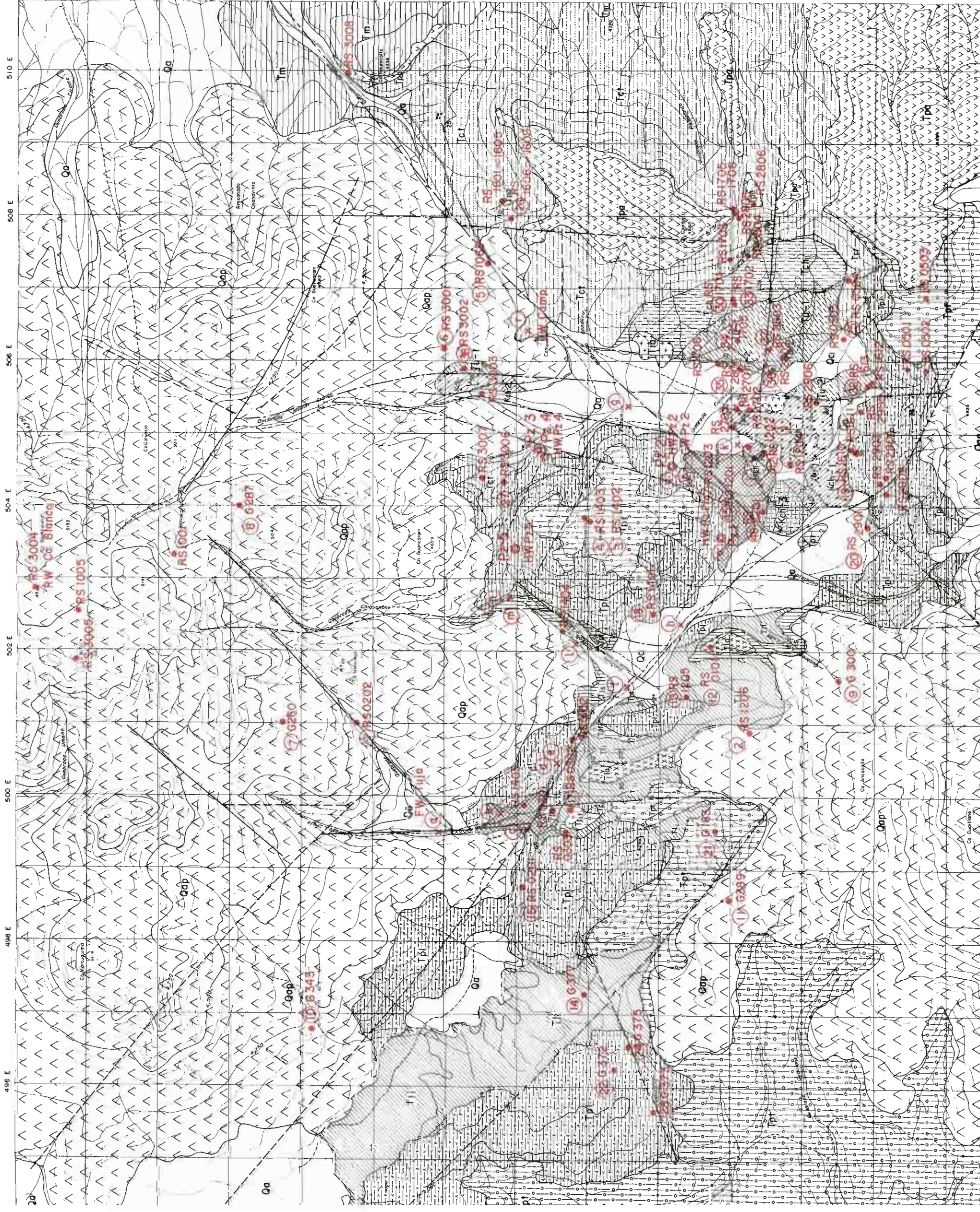




LEGEND

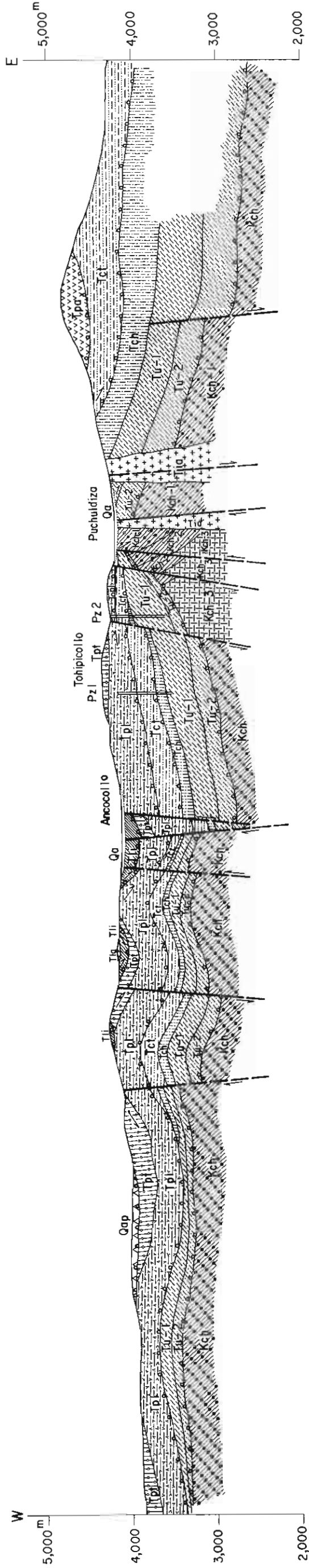
- Zone Where High Susceptibility are Dominant.
- Zone Where Low Susceptibility or Demagnetized.
- Zone Where Rocks or Demagnetized are Dominant.
- Zone Where Rocks or Demagnetized are Dominant.
- Zone Where Rocks or Demagnetized are Dominant.

Fig II-5-9 ANALYTICAL MAP OF MAGNETIC SURVEY

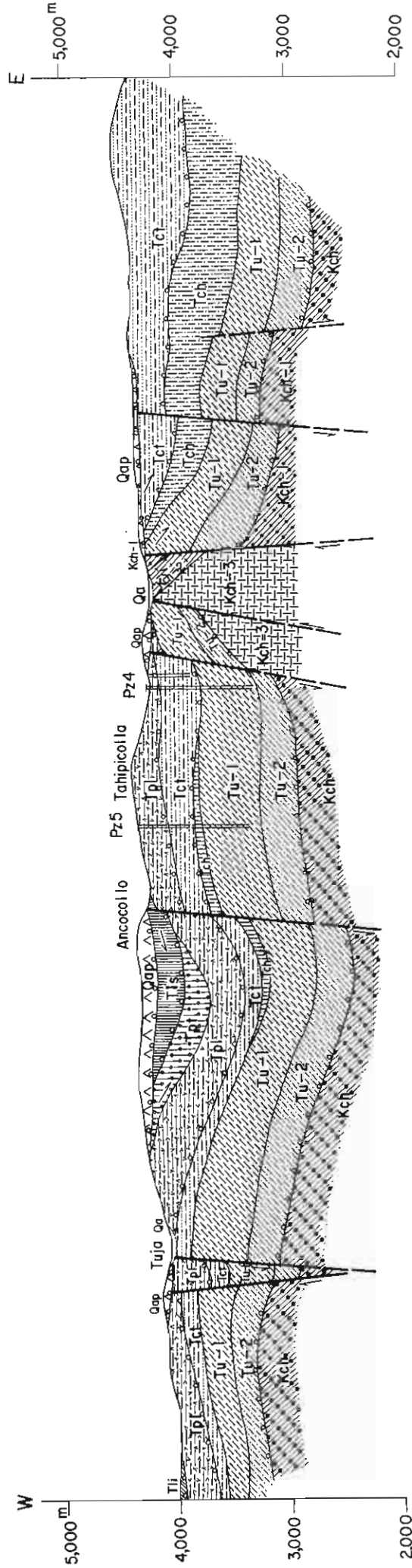


| | Sinter | Deposit |
|--|--------|--------------|
| | | Alluvium |
| | | |
| | | Pleistocene |
| | | Mauque |
| | | Lupe |
| | | Guacolliri |
| | | Puchulidizo |
| | | Condoriri |
| | | Chojna Chaya |
| | | Utaiyane |
| | | Churicollo |
| | | Volcanic |
| | | Clastic |
| | | Andesitic |
| | | Liparitic |
| | | Basement |
| | | Confirmed |
| | | Concealed |
| | | Inferred |
| | | Geological |
| | | Bedding |

(855 N)



(857 N)



Formation,

| | |
|-------|-------------|
| Qa | Alluvium |
| Qap | Pleistocene |
| Tla | Lupe, A |
| Tls | Lupe, A |
| Tli | Lupe, S |
| Tpa | Guacallin |
| Tpt | Puchuliza |
| Tpl | Puchuliza |
| Tct | Condoriri |
| Tch | Chojña |
| Tu-1 | Utoyane, |
| Tu-2 | Utoyane, |
| Kch-1 | Churicolli |
| Kch-2 | Churicolli |
| Kch-3 | Churicolli |
| Tia | Intrusive |

Geology

| | | | | |
|-------|---------|------------|--------------|------|
| Fault | Bedding | Geological | Unconformity | Well |
| ↗ | ↗ | ↗ | ↗ | ⊥ |

