

STATE OF HAWAII - U.S.A.
 DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT
 CONTRACT No. 23272
 AGREEMENT FOR ADVISORY SERVICES
 FOR THE GEOTHERMAL/CABLE PROJECT
 THE KILAUEA EAST RIFT ZONE:
 GEOTHERMAL EVALUATION OF THE EXISTING DATA
 PLATE 7

**MAIN RESULTS
 OF GEOELECTRICAL DATA**

EMEL ENTE NAZIONALE PER L'ENERGIA ELETTRICA - ITALY

LEGEND

- Contour values (m) of second layer (conductive) thickness reconstructed from Kaupohaka and Kien, 1977.
- Contour values (ohm-m) of second layer resistivity reconstructed from Kaupohaka and Kien, 1977.
- Self potential contour lines (from Zebbeck, 1977)
- Crater cone and rampart
- Spring pool pond
- Water and test well
- Deep well (Depth > 1000 m)
- Geothermal Resource Subzone
- Main road
- Qualitative Resistivity-Thickness models by Dipole-Dipole sounding (from Keller and others, 1977)
- Traces of geoelectric sections (see fig. 1/P7) by electrical sounding (from Skougan, 1974; Keller and others, 1977)

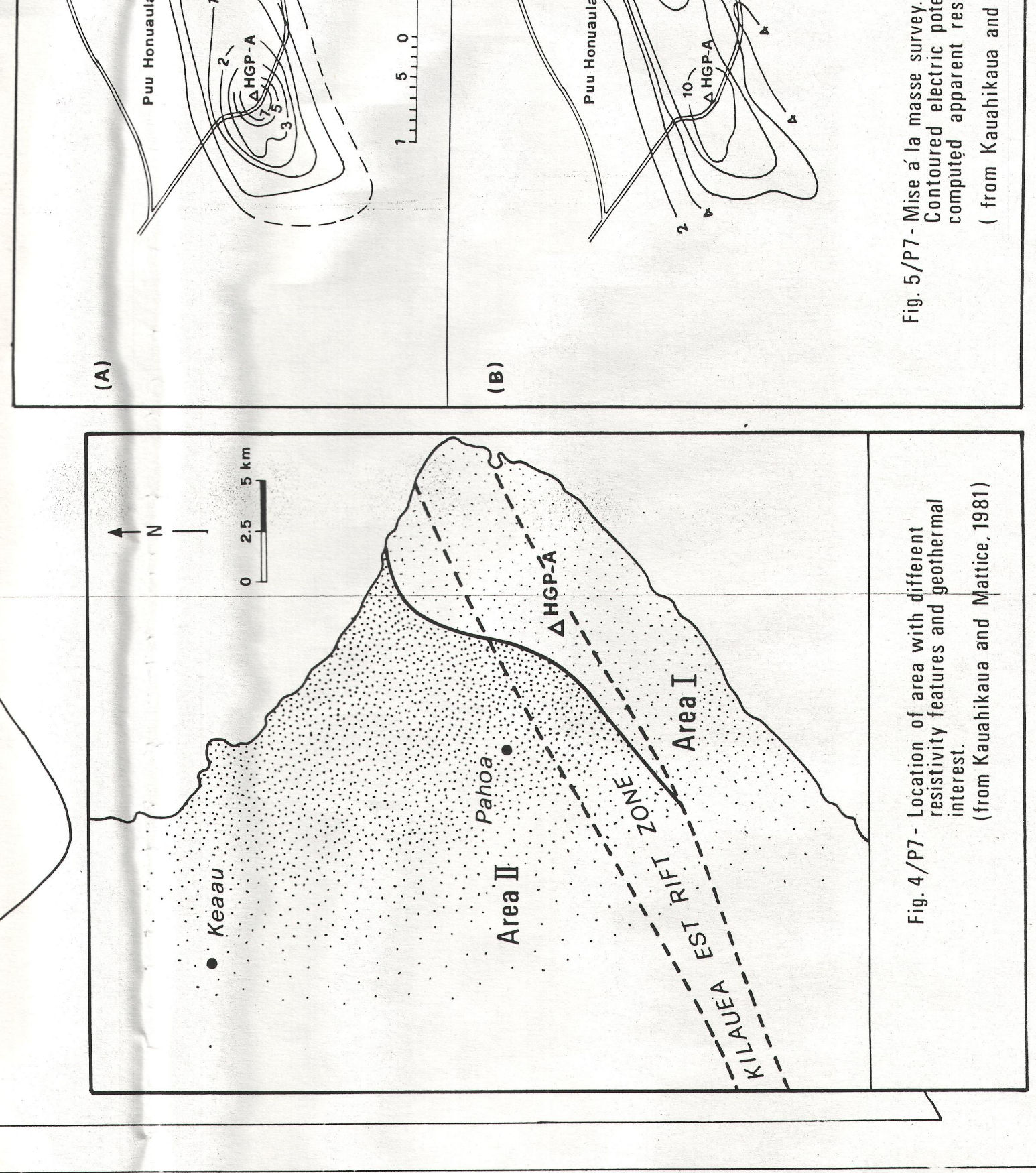
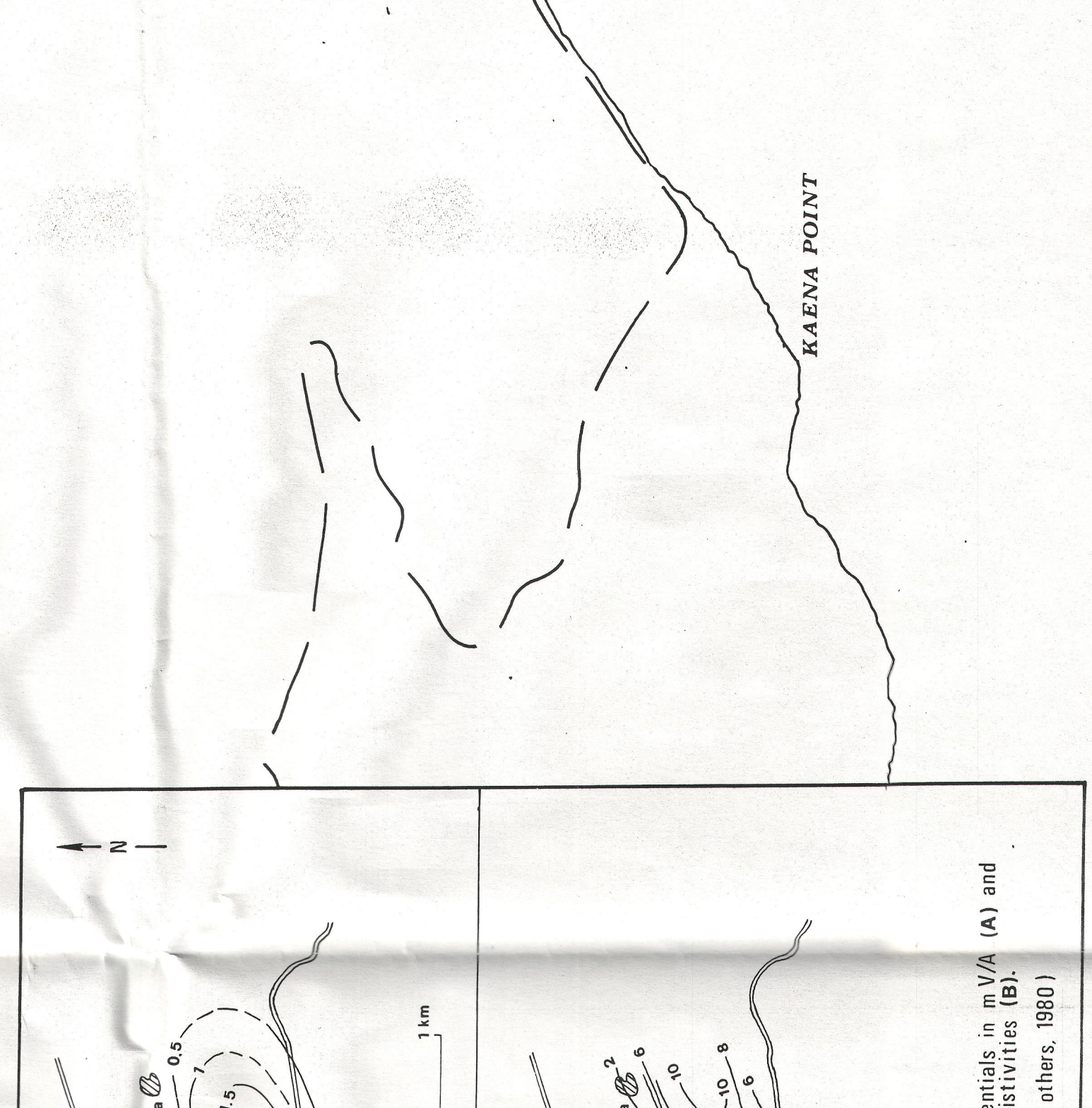
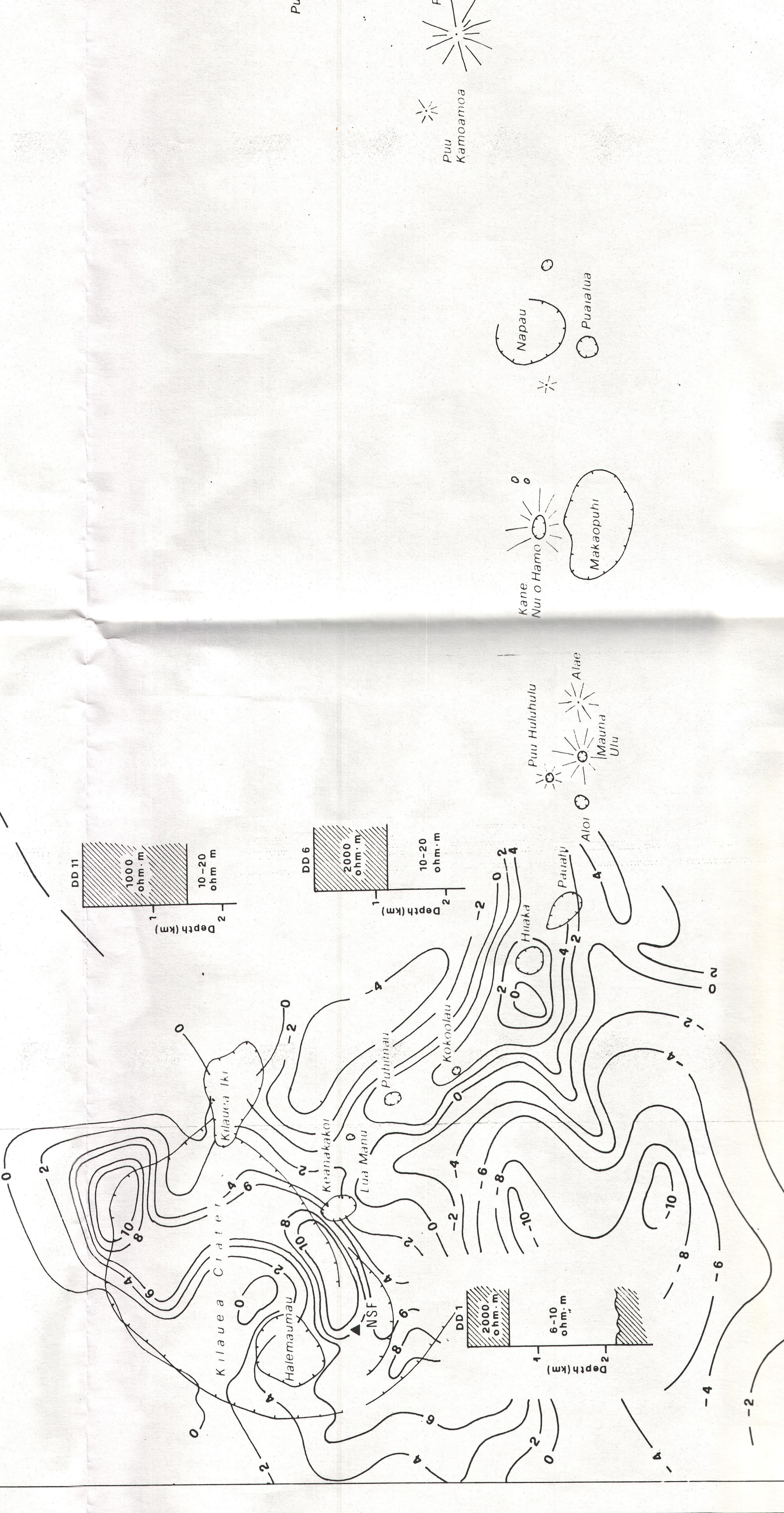
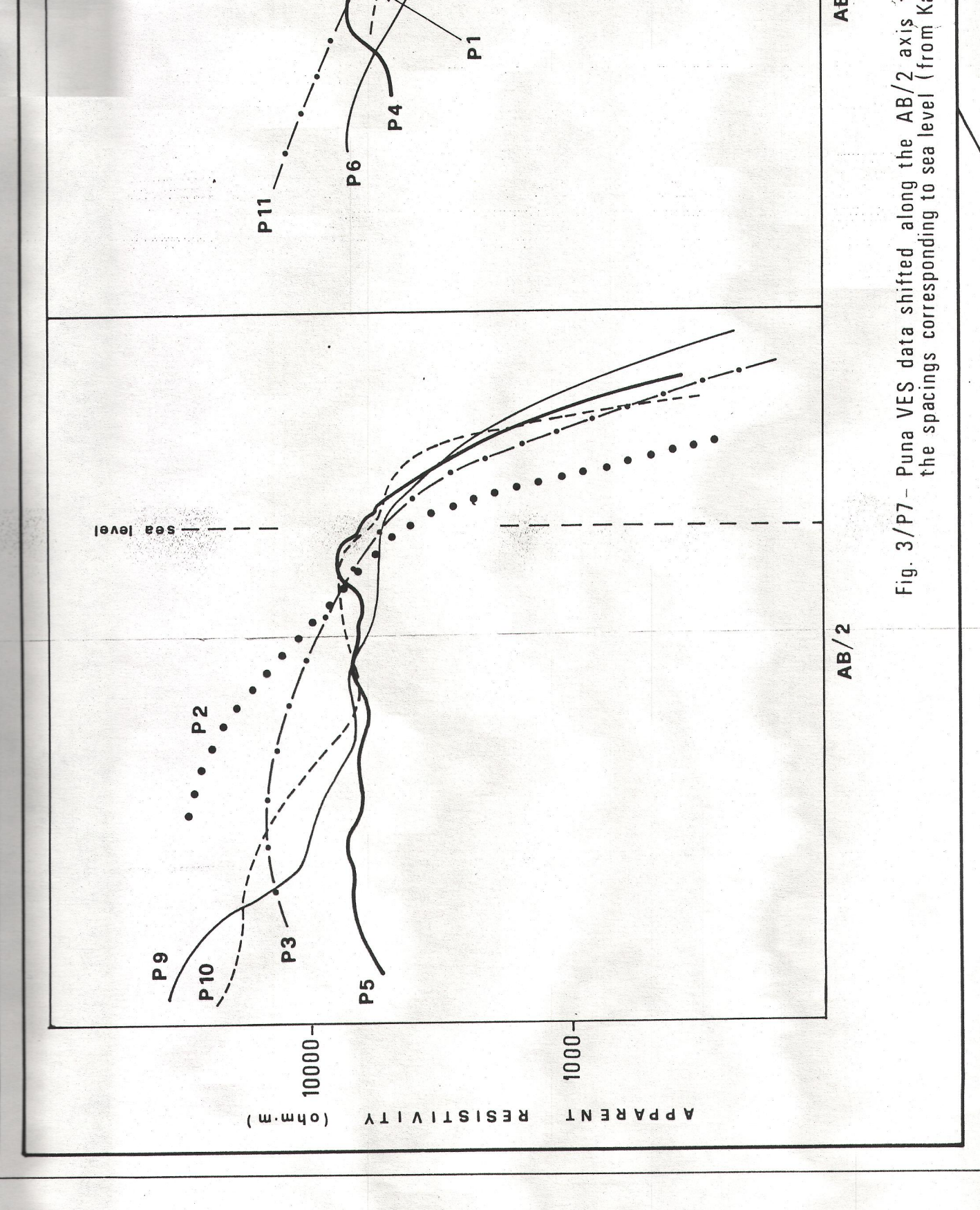
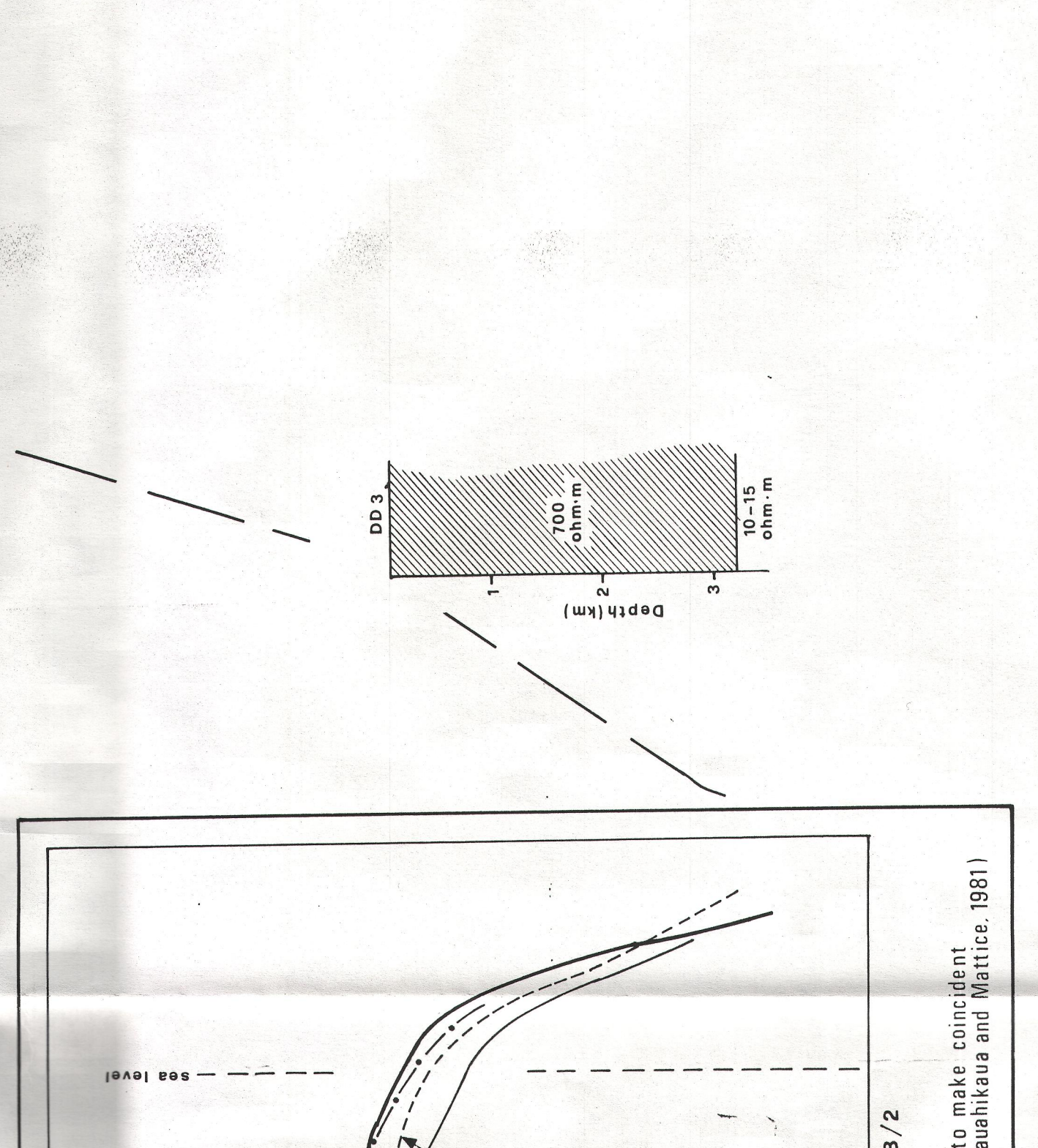
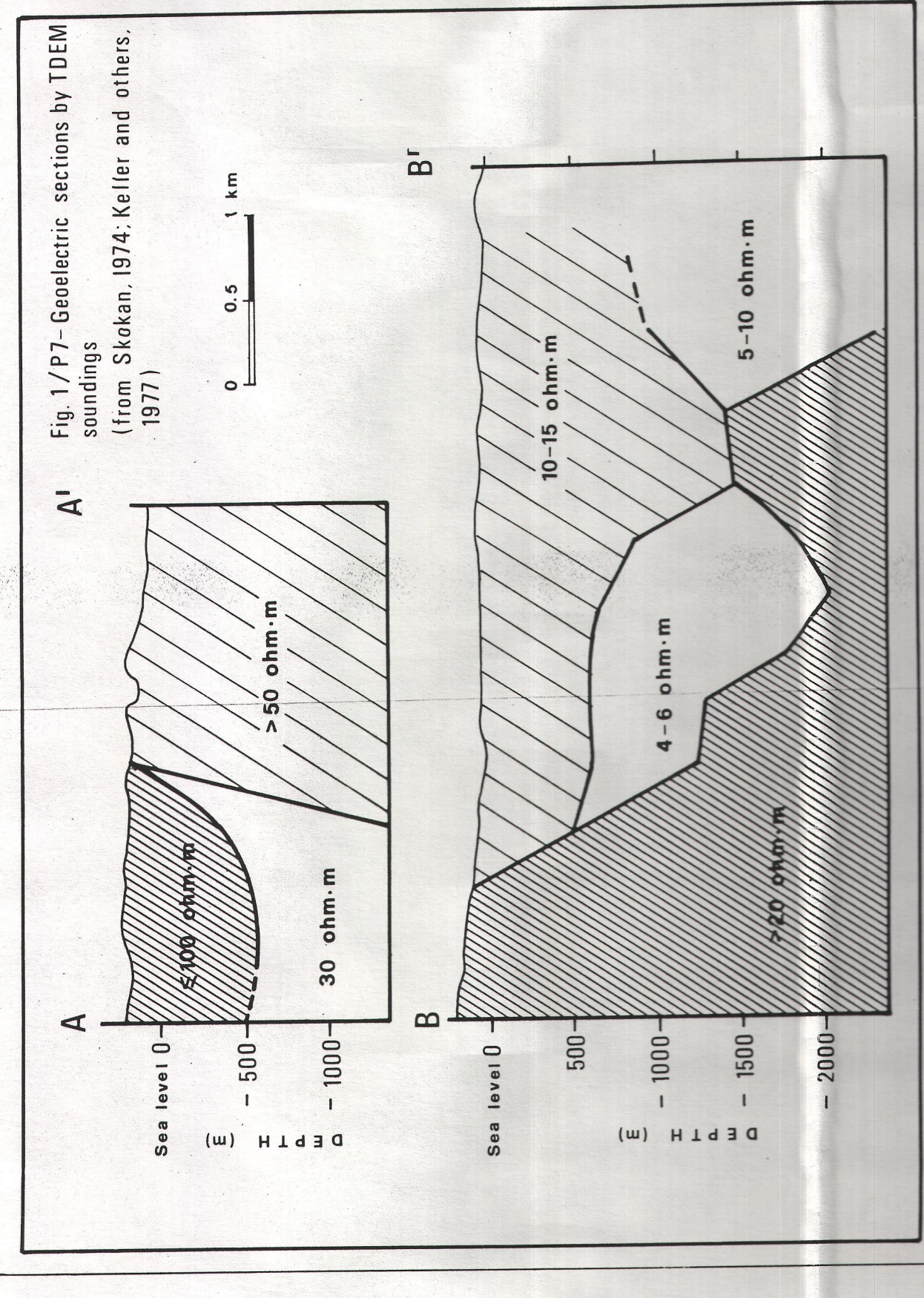
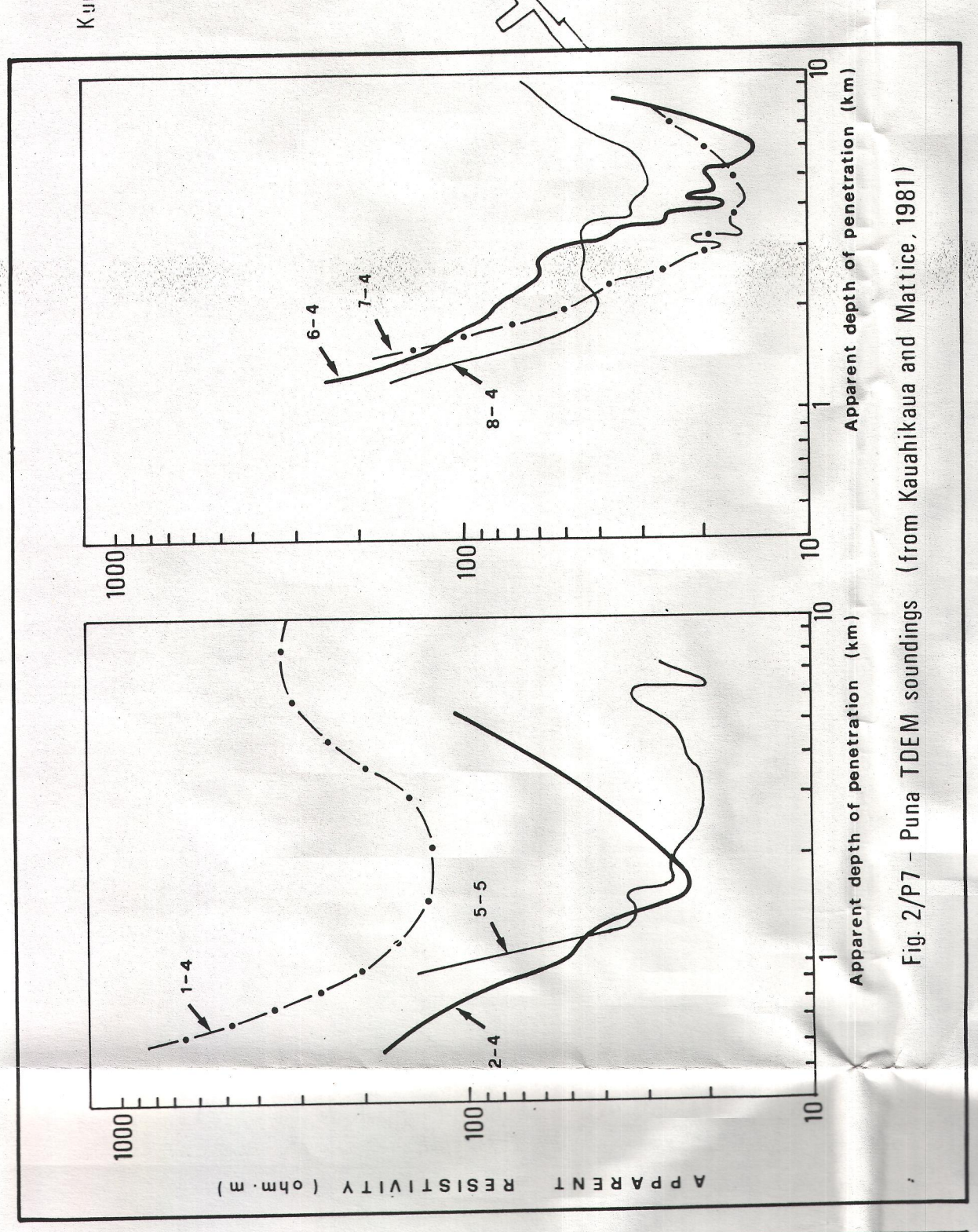


Fig. 1/P7: Geoelectric sections by TEM soundings (Skougan, 1974; Keller and others, 1977)

Fig. 2/P7: Pseudo TEM soundings (from Kaupohaka and Matrice, 1981)

Fig. 3/P7: Pseudo TEM data shifted along the AB/2 axis to make coincident the springs corresponding to sea level (from Kaupohaka and Matrice, 1981)

Fig. 4/P7: Locations of area with different resistivity features and potential interest (from Kaupohaka and Matrice, 1981)

Fig. 5/P7: Area 2 in more survey (see fig. 1/P7) (A) and (B) (from Kaupohaka and others, 1980)

Fig. 6/P7: Area 2 in more survey (see fig. 1/P7) (A) and (B) (from Kaupohaka and others, 1980)

Fig. 7/P7: Pseudo TEM soundings (from Kaupohaka and Matrice, 1981)