

GEOSTATISTICAL ANALYSES OF ACCURACIES SECTIONS DERIVED FROM INTERPRETED VERTICAL ELECTRICAL SOUNDINGS (VES) DATA: AN EXAMINATION BASED ON VES AND BOREHOLE DATA COLLECTED FROM THE NORTHERN PART OF KWARA STATE, NIGERIA

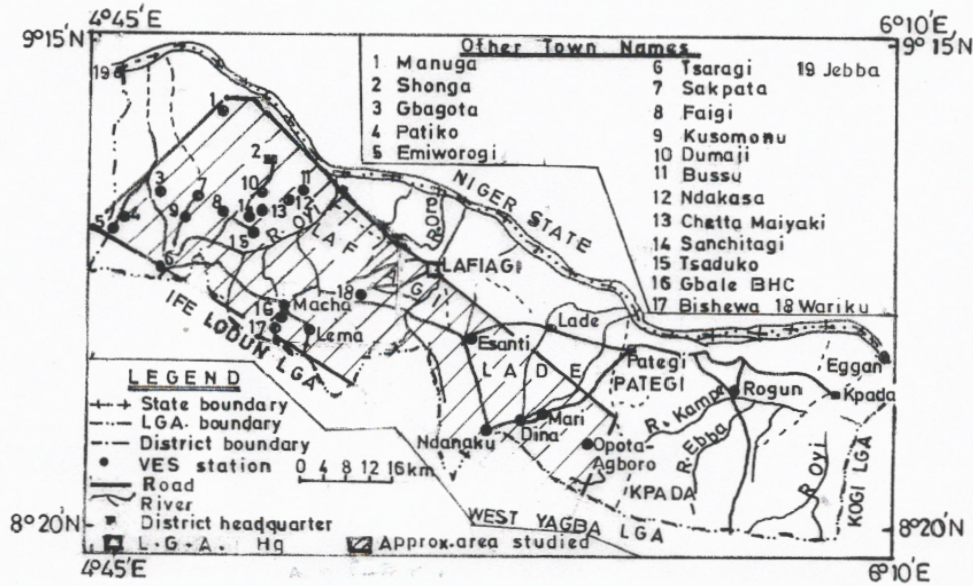


FIG. 2a : EDU AND PATEGI LOCAL GOVERNMENT AREA (LGA)

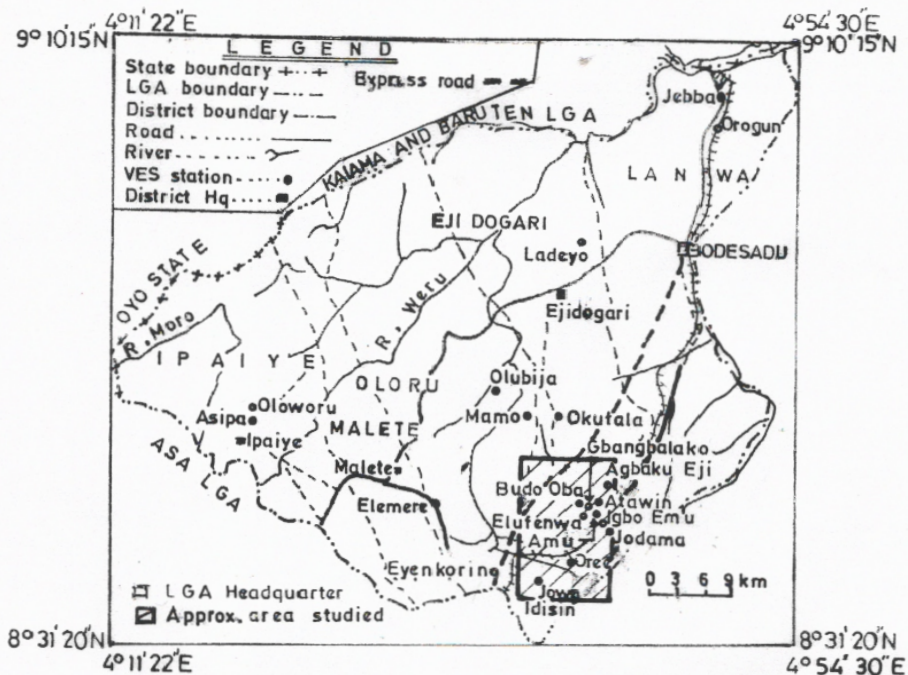


FIG. 2b: MORO LOCAL GOVERNMENT AREA (LGA)

PATEGI
 FIG. 2: MAPS OF EDU AND MORO LGAS KWARA STATE SHOWING LOCATIONS OF STUDY AREAS IN THIS WORK (MAPS AFTER OFFRI, ILORIN)

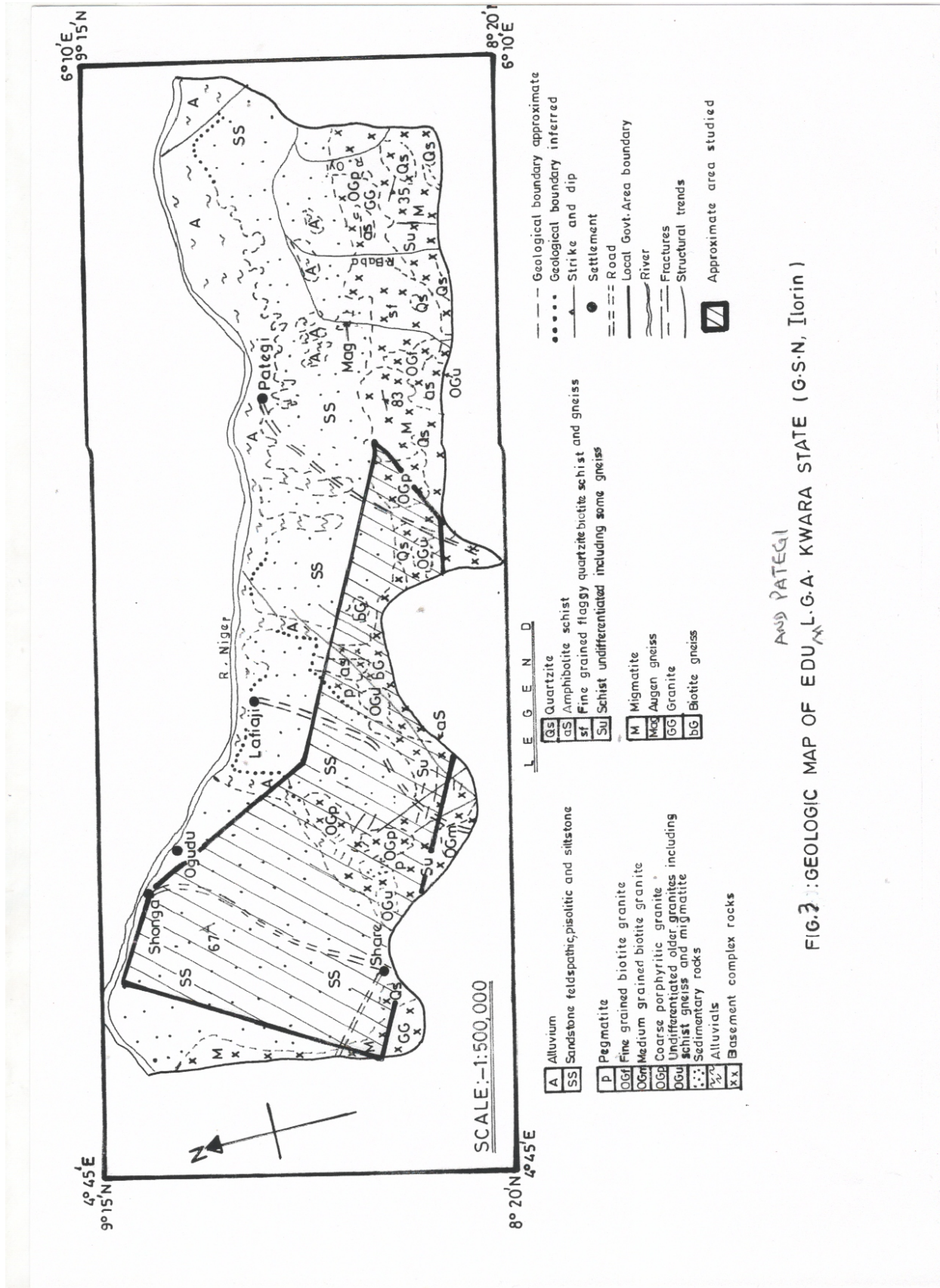


FIG. 2 : GEOLOGIC MAP OF EDU L.G.A. KWARA STATE (G.S.N, Ilorin) AND PATEGI

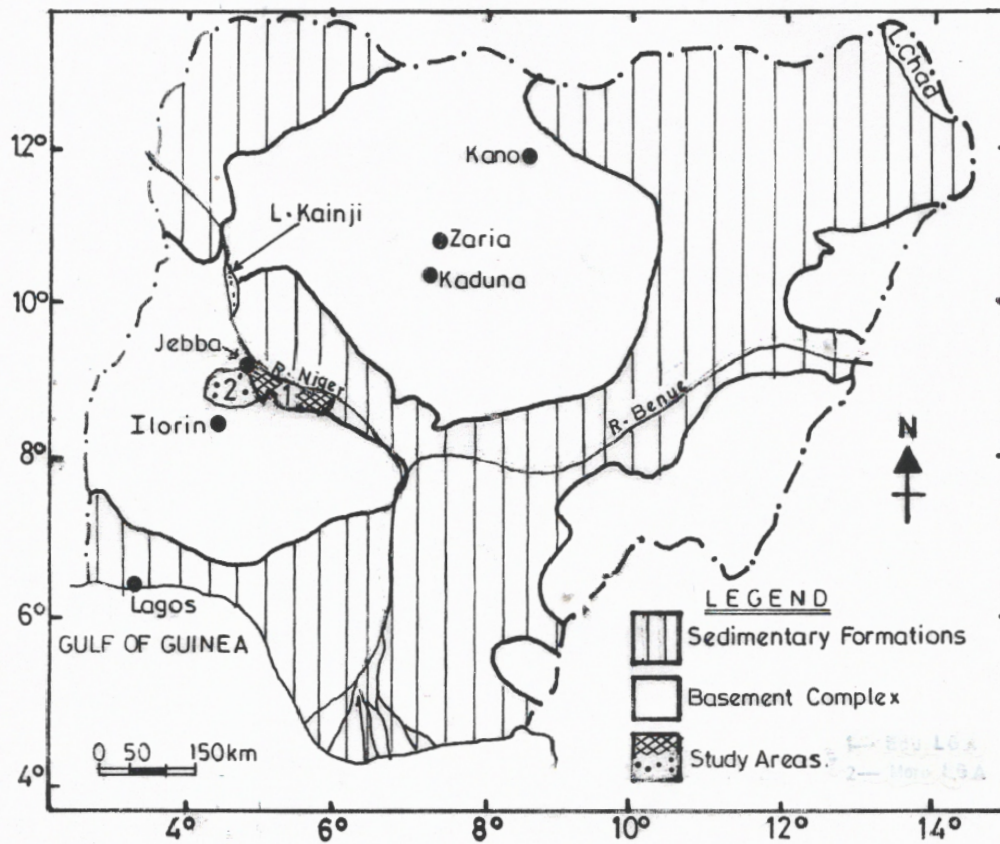


FIG-1 SIMPLIFIED GEOLOGICAL MAP OF NIGERIA SHOWING THE LOCAL GOVERNMENT AREAS STUDIED (Courtesy of GSN)

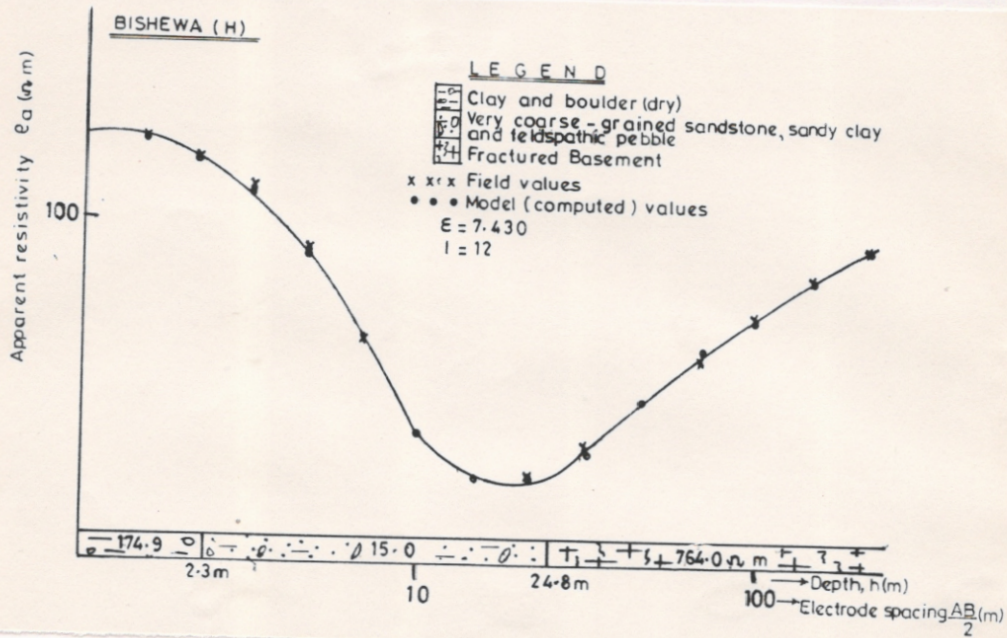


FIG 8: A TYPICAL INTERPRETED VES DATA RESULT OF A H-TYPE-CURVE

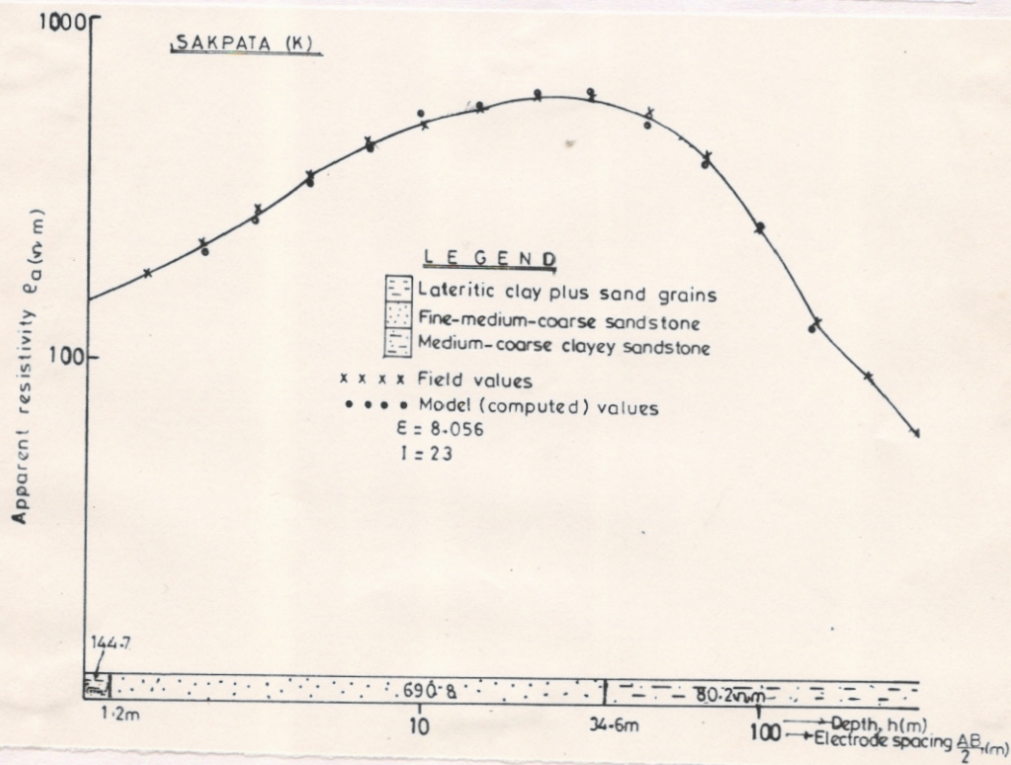


FIG 9: A TYPICAL INTERPRETED VES DATA RESULT OF A K-TYPE-CURVE

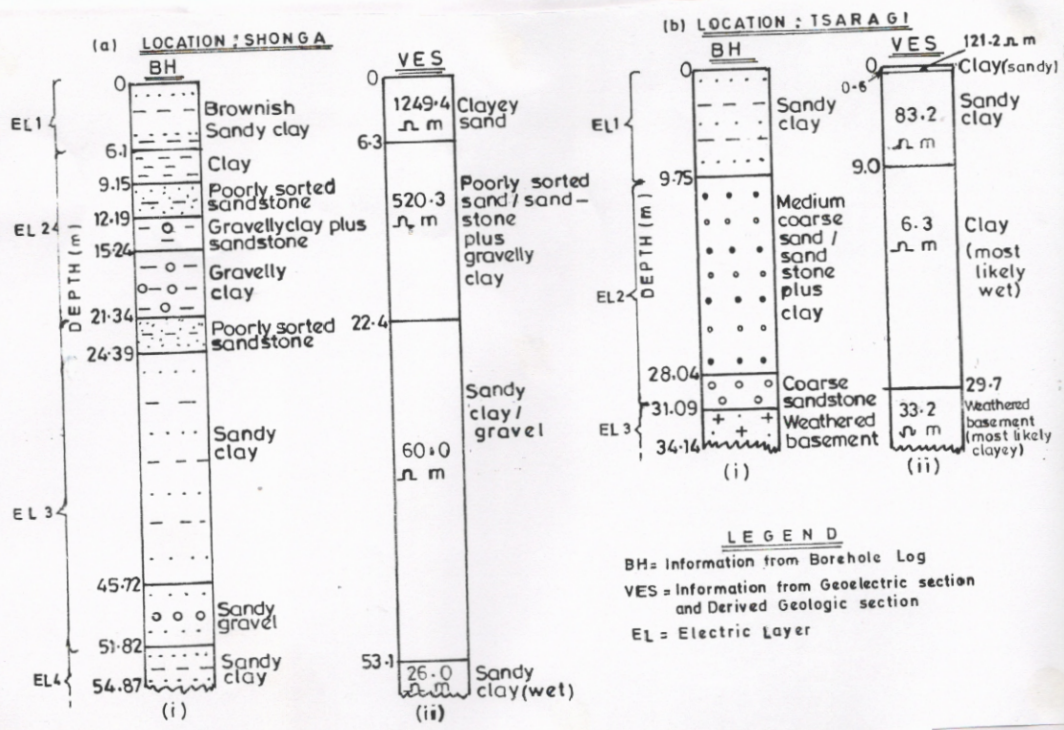


FIG. 5 : CORRELATION OF BOREHOLE LOG/GEOLOGIC SECTION (BH) WITH INTERPRETED VES DATA/GEOELECTRIC SECTION (VES) AT SOME LOCATIONS STUDIED WITHIN THE SEDIMENTARY REGION OF THE LOWER NIGER BASIN.

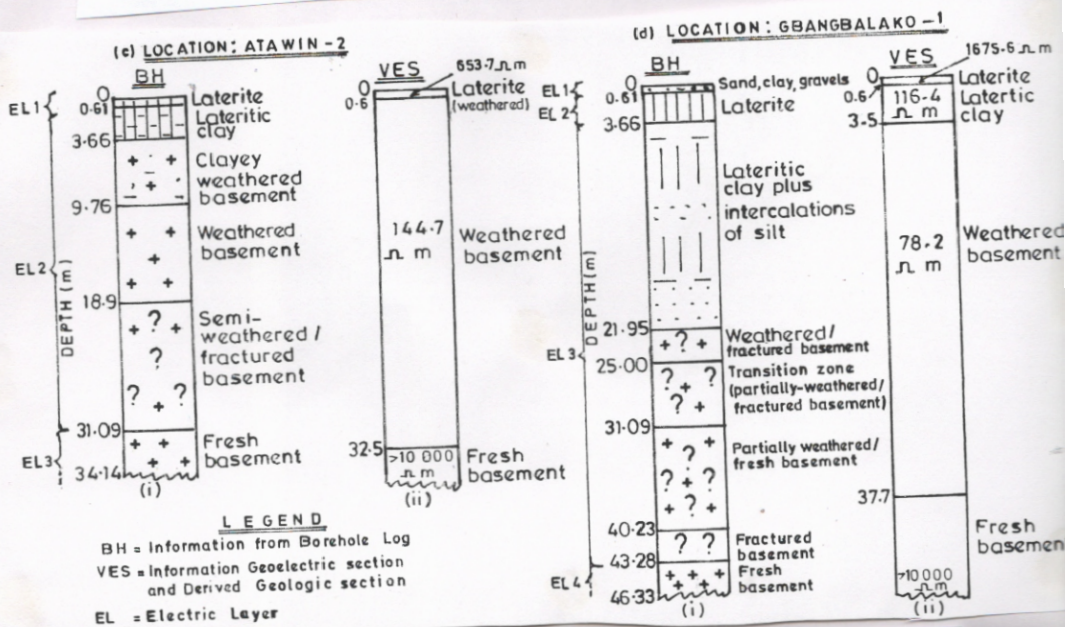


FIG 6: CORRELATION OF BOREHOLE LOG/GEOLOGIC SECTION (BH) WITH INTERPRETED VES DATA/GEOELECTRIC SECTION (VES) AT SOME LOCATIONS STUDIED WITHIN THE BASEMENT COMPLEX

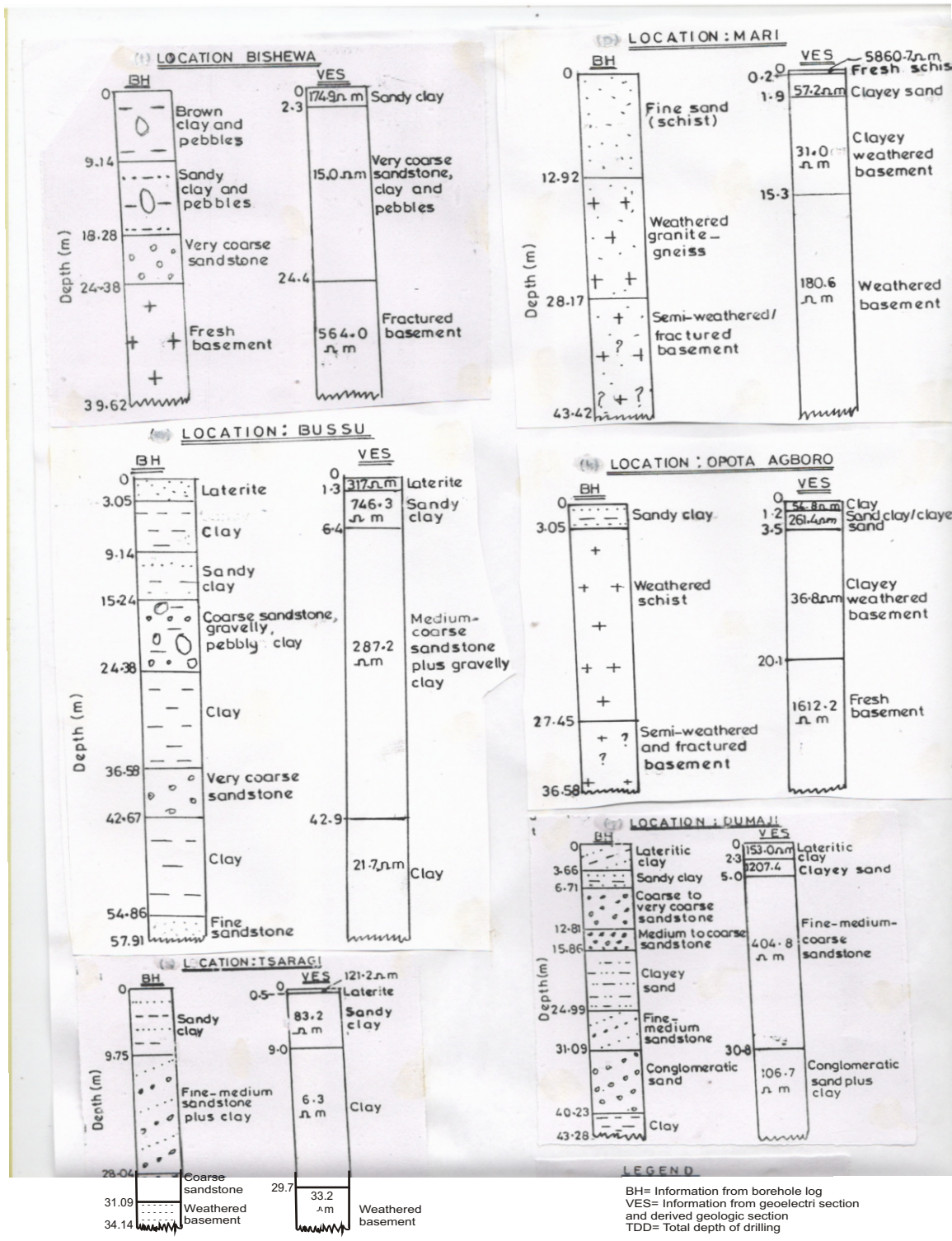


FIG 10: TYPICAL GEOLOGIC SECTIONS (BH) AND GEOELECTRIC SECTIONS (VES) DERIVED FOR THE STUDY AREAS.

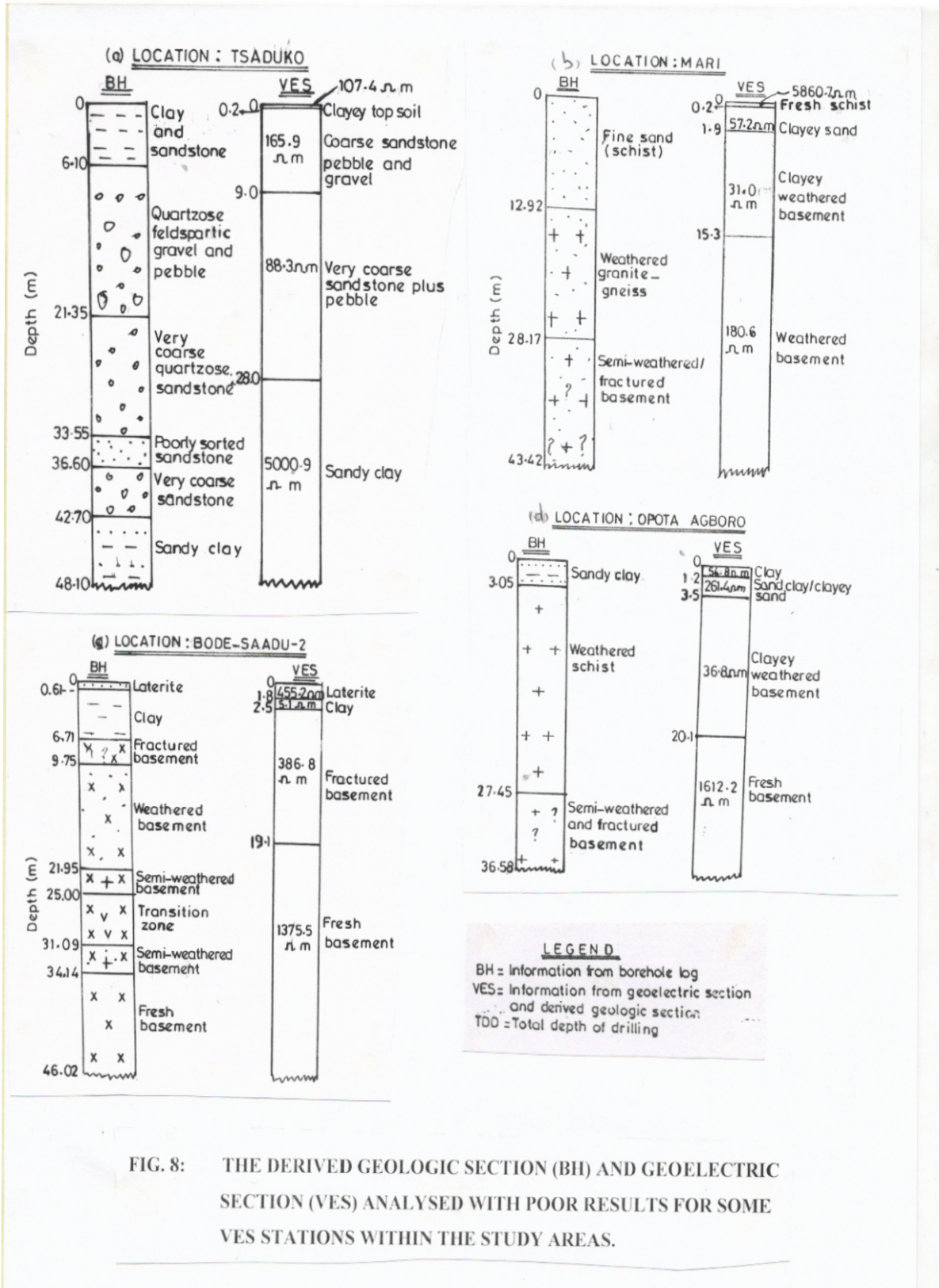


FIG. 8: THE DERIVED GEOLOGIC SECTION (BH) AND GEOELECTRIC SECTION (VES) ANALYSED WITH POOR RESULTS FOR SOME VES STATIONS WITHIN THE STUDY AREAS.