LIST OF FIGURES

2.1 Rose Diagram-major-minor lineaments
2.2 Major rose diagram (Major lineaments)
2.3 Minor rose diagram (Minor lineaments)
3.1 Monthly average of annual rainfall data
3.2 Monthly average of some meteorological data
4.1 Main (Zermitz) Drainage Patterns
4.2 Channel ordering (Strahler, 1957)
4.3 Yanaganahalli Open well water level (in meter)
4.4 Yadavur Bore well water level in meter
4.5 Kagalavady Borewell water level in meter
4.6 Harve Bore well water level in meter
4.7 Devalapura Open well water level in meter
4.8 Masagapur Bore well water level data in meter
4.9 Chamarajanagar Borewell water level in meter
4.10 Bisalavady Borewell water level in meter
4.11 Bedarapur Bore well water level in meter
4.12 Attigulipur Borewell water level in meter
4.13 Bisalavady Dug well water level in meter
4.14 Yadapur Borewell water level in meter
4.15 Average water level of Chamarajanagar taluk
5.1 Flow chart of Hych program
5.2 Piper Tri-linear diagram Chemical analysis of Chamarajanagar taluk
5.3 Classification of irrigation Waters for soil of medium Permeability (Doneen; 1948)
6.1 Schlumberger Electrode diagram
6.2 Instrumentation of CRM 20 Aquameter
6.3 Automated fit of VES CURVES of Chamarajanagartaluk