LIST OF FIGURES

2.1 LOCATION OF DINDIGUL AND ENVIRONS
2.2 ADMINISTRATIVE UNITS
2.3 GEOLOGY AND STRUCTURES
2.4 GEOMORPHOLOGY
2.5 SLOPE
2.6 DRAINAGE
2.7 AVERAGE ANNUAL RAINFALL
2.8 RELATIONSHIP BETWEEN RAINFALL AND TEMPERATURE
2.9 SOIL TYPES
2.10 SECTOR-WISE LOCATION OF TANNERIES
4.1 GROUNDWATER SAMPLE LOCATIONS
4.2 a CONCENTRATIONS OF CATION (Calcium)
4.2 b CONCENTRATIONS OF CATION (Magnesium)
4.3 a CONCENTRATION OF CATION (Sodium)
4.3 b CONCENTRATION OF CATION (Potassium)
4.4 a CONCENTRATION OF ANION (Bi-Carbonate)
4.4 b CONCENTRATION OF ANION (Chloride)
4.5 a CONCENTRATION OF ANION (Sulphate)
4.5 b CONCENTRATION OF ANION (Nitrate)
4.6 GROUNDWATER CLASSIFICATION (Piper's Trilinear Method)
4.7 a DISTRIBUTION OF TOTAL DISSOLVED SOLIDS IN GROUNDWATER
4.7 b DISTRIBUTION OF CHROMIUM IN GROUNDWATER

4.8 a EVALUATION OF GROUNDWATER FOR DRINKING (Based on Calcium)

4.8 b EVALUATION OF GROUNDWATER FOR DRINKING (Based on Magnesium)

4.9 a EVALUATION OF GROUNDWATER FOR DRINKING (Based on Sulphate)

4.9 b EVALUATION OF GROUNDWATER FOR DRINKING (Based on Chloride)

4.10 a EVALUATION OF GROUNDWATER FOR DRINKING (Total Dissolved Solids)

4.10 b EVALUATION OF GROUNDWATER FOR DRINKING (Total Hardness)

4.11 GROUNDWATER EVALUATION FOR IRRIGATION (USSL Method)

4.12 a EVALUATION OF GROUNDWATER FOR IRRIGATION (Electrical Conductivity)

4.12 b EVALUATION OF GROUNDWATER FOR IRRIGATION (Sodium Soluble Percentage)

4.13 PATTERN OF POLLUTION SUMMER-1995 (Based on Factor Score)

4.14 PATTERN OF POLLUTION WINTER-1995 (Based on Factor Score)

4.15 DEMARCATION OF GROUNDWATER POLLUTED ZONES

4.16 SOIL POLLUTED ZONES DUE TO TANNERY EFFLUENTS

4.17 DEMARCATION OF POLLUTION AREAS DUE TO TANNERY RELATED ACTIVITIES.