

LIST OF TABLES

No.	Title	Page
2.1	Litho-stratigraphy of the Bilwara Supergroup (3500 M.y. to 2500 M.y.)	18
2.2	Litho-stratigraphy of the Aravalli Supergroup of rocks (2500 M.y. to 2000 M.y.) [after Gupt <i>et al.</i> , 1992]	20
2.3	Litho-stratigraphic classification of the Delhi Supergroup (after Gupta <i>et al.</i> , 1992)	22
2.4	Generalized litho-stratigraphy of Vindhyan Supergroup (after G.S.I., 1980)	25
2.5	Litho-stratigraphy of Palaeozoic rocks in Western Rajasthan	25
2.6	Litho-stratigraphic succession of the Mesozoic-Tertiary sequence in the Rajasthan shelf area (after Pareek, 1981)	28
2.7	Pre-Quaternary geological succession of the study area	30
2.8	Lithological assemblage of the Ajabgarh's and younger sediments (after Sychanthavong and Merh, 1986 and Sychanthavong <i>et al.</i> , 1989)	36
2.9	Litho-stratigraphy of the Ajabgarh Group of rocks in the study area (after Singh, 1988 and Gupta <i>et al.</i> , 1992)	36
3.1	Quaternary stratigraphy of exposed surficial deposits (after Misra <i>et al.</i> , 1988)	49
3.2	Litho-stratigraphic framework of the Quaternary and Neogene sediments in Thar (Dhir <i>et al.</i> , 1992)	49
3.3	Chronological classification of the fluvial formations and the typical landforms of the study area (Modified after Ghose, 1982 and Raghav and Grover, 1991)	65
3.4	Typical lacustrine litholog of Sambhar lake (bore well near Hindustan Salt Co. office, Sambhar lake)	67
3.5	Generalised stratigraphy of the Kuchaman lake (after Rai and Sinha, 1990)	67
4.1	Important lineaments of northwestern parts of Indian Sub-continent	87
5.1	Landform classification of study area	107
5.2	Generalised chronological sequence of geomorphic units in the Upper Luni and Kantli blocks, correlated with Geology (after Ghose, 1982)	122
7.1	Luni river channel characteristics in the study area	153
7.2	Kantli river channel characteristics in the study area	153
7.3	General parameters of minor rivers/streams of the study area	154

9.1	Locations in the study area showing long term water level fluctuations	199
9.2	General geohydrological characteristics of the study area	204
10.1	Hydrogeochemical data of groundwater samples from Upper Luni Block	210
10.2	Hydrogeochemical data of groundwater samples from Kantli Block	213
10.3	Groundwater facies in the Upper Luni and Kantli Blocks	224
10.4	Classification of saline groundwater in the study area (after Carroll, 1962)	229
10.5	Classification of hardness of groundwater in the study area (after Sawyer and McCarty, 1967)	229
10.6	Comparative assessment of groundwater quality criteria in the study area for domestic use	232
11.1	Hydrolithological categorisation of study area	236
11.2	Hydro-structural categorisation of study area	238
11.3	Hydro-geomorphological categorisation of study area	243
12.1	Geotechnical features of rainwater harvesting structures	267