

LIST OF PLATES

<u>PLATE NO.</u>	<u>DESCRIPTION</u>	<u>PAGE NO.</u>
II.1	A view of Narmada river bank cliff showing section of alluvial flood deposits, Loc. near Nanda	37
II.2	A view of Mahi river bank cliff showing section of alluvial flood deposits, Loc. Singhrot	38
III.1	A view of the study area and adjoining region as seen in LANDSAT - 5 (TM band 2,3 and 4; Resolution 30m) showing geomorphic setup, features of structural controls and terrain characteristics	59
III.2	A general landscape view of the coastal lowland. Part of Dhadhar creek is seen in the extreme left, Loc. Near Gandhar	77
III.3	A view of recent mudflats, Loc. Lohara	77
III.4	A view of beach sand ridge Loc. Near Dahej	79
III.5	A landscape of the central alluvial plains, Loc. South wadhawana lake near Dabhoi	82
III.6	A partial view of point bar in Narmada river, just upstream of Gadeshwar bridge	82
III.7	A view of relict channels, Loc. Samalaya	85
III.8	Gully erosion on the northern bank of Narmada river. Loc. near Chandod	85
III.9	Ravine land on Mahi bank Loc. Near Singhrot	87
III.10	Dhadhar river meandering and surrounding landscape, Loc. near Por N.H.8	87
III.11	Orsang - Narmada confluence meandering course of Orsang in the central part Loc. Chandod	88

(X)

III.12	A view of landscape of eastern peidmont zone, Loc. Near Tilakwada	90
III.13	Rocky exposures in Mahi river bed in the eastern Piedmont zone, Loc. near Savli	90
III.14	An aerial view of flat topography and cultivated land in the central alluvial plain	91
III.15	A view of the eastern Piedmont zone showing undulating ground and land erosion, Loc. Near Jarod	91
IV.1	A view of sand quarry on Dhadhar river bank, Loc. Por village N.H-8	123
IV.2	A view of brick kiln, Loc. Near Padra	123
V.1	A view of the wardala irrigation tank in the eastern Piedmont zone, Loc. near Sonalaya	136
V.2	A view of the irrigation cannal from wardala tank	137
V.3	A view of village pond, Loc. near Jalia village	137
V.4	Tube well draining high supply from deeper semi-confined aquifers, Loc. near Padra	139
V.5	Shallow well of limited sweet water in coastal area, Loc. near Dahej	139
VI.1	A view of Narmada bank erosion and protection wall been constructed Loc. Sinor	164
VI.2	Gully erosion on Narmada bank, Loc. near Gadashwar bridge N.H.8	164
VI.3	A view of the LANDSAT-5, dt. 9th Nov. 1986 (TM Band 23 and 4) showing landuse characters, vegetation cover (red colour shade), drainage system, etc.	173

(XI)

VI.4	A view of the irrigated land by tube well, Loc. near Karjan	175
VI.5	Dhadhar river section through alluvium and bed with stagnant pool of polluted water Loc. Near Por. N.H.8	175
VI.6	A view of showing the effluent channel project, Loc. near Sarod	177
VI.7	A view of the IPCL effluent cannal being pumped and used for irrigation, Loc. near Sarod	177