## LIST OF ILLUSTRATION

		PAGE NO.
1	Location for Piram, Diu and Bet Shankhodar Islands	1
2	Map showing location, drainage and geomorphic features of Saurashtra [modified after Sood et al 1982]	4
3	Geological map of Gujarat	16
4	Tectonic framework of western India [after Biswas 1987]	18
5	Sedimentary facies in vertical sequence	36
6	Cummulative curves for textural interpretation of older sediments	64
7	Geomorphological map of Piram Island	71
8	Histograms : Grain size distribution	82
9	Cummulative curves for textural interpretation	83
10a	Distribution of heavy minerals in coastal zones	86
10b	Magnetic susceptibilities of mineral in Frantz Isodynamic magnetic separator [after Rosenblum, 1958]	88
11	Profile along the Piram Island showing distribution of sediments	91
12	Distribution of sediment types in Piram Island	96
13a	Distribution and relative abundance of foraminiferal types	100
13b-	Histogram showing variation in percentage of foraminiferal types in Piram sediments	101
14	Sketches of foraminifera and their morphotypes	102
15	Sedimentation model - Piram Island	118
16	Geological and geomorphological map of Diu Island	129
17	Sketch for [a] spitzkarren; [b] solution basins, and [c]	157

	18	Sketch : Coastal dunes [a] blowouts, [b] parabolic, and [c] barkhan	168
•	19	Histogram : grain size distribution	173
	20	Cummulative curves for textural interpretation	177
	21	Distribution of heavy minerals in coastal zones	186
	22	Distribution of sediment types in Diu Island	192
	23a	Distribution and relative abundance of foraminiferal types	196
	23b	Histogram showing variation in percentage of foraminiferal types in Diu sediments	197
	24	Sedimentation model	214
	25	Fault patterns in Bet Shankhodhar and Bet Okha for comparison	227
	26	Geological map of Bet Shankhodhar Island including strati- graphic sections of different localities	229
	27	Block diagram showing [a] Flaser, [b] Wavy, and [c] Lenticular bedding types [after Reineck and Wunderlich, 1968a]	244
	28	Geomorphological map of Bet Shankhodhar Island	275
	29	Histograms : Grain size distribution	280
	30	Cummulative curves for textural interpretation	284
	31	Distribution of heavy minerals in coastal zones	291
	32a	Distribution and relative abundance of foraminiferal types	299
	32b	Histogram showing variation in percentage of foraminiferal types	300
	33 -	Sketches for Neoichnology	349
	34	Paleotidal range sequence - Bet Shankhodhar Island	378
	35	A Comparison: Traction - saltation - suspension, sediment dispersion in three Island Zones	389
	36	Distribution of heavy minerals in three Islands comparative histograms	390
	37	Percentage variation in morphotypes comparitive histogram for the Island Zones	392