

LIST OF PLATES

<u>PLATE</u>		<u>PAGE</u>
1.	Landsat Image of part of Gujarat including study area	1
V.1.A	Fossiliferous limestone of Dinod formation in a quarry near village Kanerav	68
B	Closeup of the above outcrop showing megafossils	68
C	Gently dipping fossiliferous limestone of Dinod formation near the crestal part of Dungri anticline near village Kanerav	68
V.2.A & B	Megafossils of Dinod formation	69
C	Massive limestone of Dinod formation in a quarry near village Dinod	69
V.3	Macrophotographs of fossils of Dinod formation	71
105 A	<u>Discocyclus</u> <u>sella</u> - surface view x 6	71
105 B(B)	<u>Discocyclus</u> <u>sella</u> - equatorial section x 7.5	71
105 B(D)	<u>Discocyclus</u> <u>dispensa</u> - surface view x 7	71
105 C	<u>Discocyclus</u> <u>dispensa</u> - equatorial section x 8	71
V.4	Macrophotographs of the fossils of the Dinod formation	72
105 A	<u>Nummulites</u> <u>fabianii</u> - surface view x 8	72
105 B	<u>Nummulites</u> <u>fabianii</u> - equatorial section x 12	72
105 C	<u>Nummulites</u> <u>fabianii</u> - closer view of the surface showing radiating sutures x 20	72

105 D	Nummulites fabianii - Axial section x 10	72
159 A & 159 B	Coquinoid limestone - sectional view showing shell fragments and gastropod shells x 10	72
V.5.A	Outcrops of cherry red agate conglomerate of Babaguru formation, 3 km SW of Valia town	77
B	Cherry red ferruginous conglomerate of Babaguru formation along Hankaran Nala	77
V.6.A & B	Fossiliferous limestone beds of Kand formation exposed near village Kondh(Kand)	80
C	Vertical conglomerate beds and gritty sandstone of Kand formation south of village Limet representing Limet reverse fault	80
V.7.A	Fossiliferous Kand formation along Amla Khadi near village Kharod	82
B	Marl beds of Kand formation exposed along Amla Khadi near village Kharod	82
C	Closeup of mega-fossils from location 'A' above	82
V.8.A	Sandstones and pebbly conglomerates of Jhagadia formation near Jhagadia town	84
B	Cliff along right bank of Narmada river as seen NW from the new road bridge (Sardar bridge)	84
C	Narmada paleo-bank seen westward from the southern end of the Sardar bridge over Narmada river	84
VIII.1	Landsat Image showing geomorphic features	124