

	<u>Figures</u>	<u>After Page</u>
Fig. 1. ..	Map showing the location of the area under investigation.....	2
Fig. 2. ..	Trellis drainage pattern of the Parsoi area controlled by folded strata .....	4
Fig. 3. ..	Generalised geological map of Bijawar Series and other rock formations of a part of Son Valley region(after Mallet, 1896).....	17
Fig. 4. ..	Logarithmic probability distribution of thicknesses of sedimentation units. ?	27
Fig. 5. ..	Tectonic style of minor folds.....	47
Fig. 6. ..	Strike-frequency diagrams for joints of the Parsoi area .....	49
Fig. 7. ..	Sketch map of the Parsoi area showing sectors and sub-areas .....	55
Fig. 8-24.	Contoured equal area projections of bedding planes, cleavages, and minor folds .....	55
Fig. 25. ..	Fractionation trend of basic rocks of Parsoi area compared with those of Skaergaard ferrogabbros, Tholeiite Series, Hawaiian Alkaline Series and Calc-Alkali Series.....	90
Fig. 26. .	Alkali-Silica diagram for dolerites of the Parsoi area compared with the Hawaiian trends .....	90
Fig. 27. .	Plot of basic rocks of the Parsoi area on Murata diagram .....	90
Fig. 28. .	Variation diagram of oxides Vs differentiation index for the Parsoi basic rocks .....	90
Fig. 29. .	Petrographic classification of 22 sandstone samples from the Parsoi area. Classification triangle after Williams, Turner, and Gilbert, (1955).....	105

After page

Fig. 30 .. Percentage distribution of fine sand-size heavy minerals of major groups .....	114
Fig. 31 .. Percentage distribution of tourmaline group .....	116
Fig. 32 .. Percentage distribution of zircon group.	116
Fig. 33 .. Graph showing the frequency relationship of rounded grains between zircon and tourmaline .....	118
Fig. 34 .. Histograms showing orientation of directional structures .....	156
Fig. 35 .. Relationship between Bouma's complete turbidite and bed configurations observed in flumes by Simons and others (1965)( after Walker, 1967).....	159
Fig. 36 .. Physical characteristics of bathyal - abyssal model (after Visher,1969).....	164
Fig. 3a .. Geological map and structure sections of the Parsoi area .....	(in pocket)
Plates I to XX .....	(At back of thesis)