

List of Tables

Table No	Page.
Table 3.1 Stratigraphic succession of the Meghalaya Plateau.	22
Table 4.1 Frequency percentage of each vector class.	40
Table 4.2 Summary of analysis of conglomerate pebbles.	43
Table 4.3 Fracture Density.	50
Table 4.4 Description of the contour diagrams	51
Table 4.5 Strain analysis data for Lulung conglomerate	74
Table 4.6 Strain analysis data for Lulung conglomerate	76
Table 4.7 Strain analysis data for Lulung conglomerate	78
Table 4.8 Strain analysis data for Mawryngkneng conglomerate	80
Table 4.9 Strain analysis data for Mawryngkneng conglomerate	82
Table 5.1 Model composition of quartzites of the area vol. %	97
Table 5.2 Major element composition for the metapelites of the area (wt%)	105
Table 6.1: Model composition of amphibolite of the area vol. %	126
Table 6.2: Major element composition for the amphibolite of the area (wt%)	128
Table 6.3 Model composition of granite of the area vol. %	141
Table 6.4: Major element composition for the granite of the area (wt %)	143