

LIST OF TABLES

		Following Chapter
Table	2.1 General Stratigraphic succession of the Shillong Plateau (after Murthy et al. , 1976)	
Table	2.2 Lithological succession of the study area	II
Table	3.1 Number of streams of different orders from drainage basins	
Table	3.2 Bifurcation ratio of streams of drainage basins	
Table	3.3 Length ratio of streams of different orders from drainage basins	
Table	3.4 Streams frequency of the area	
Table	3.5 Drainage density of the area	
Table	3.6 Drainage texture of the area	
Table	3.7 Average slope of the area	
Table	3.8 Relative relief of the area	III
Table	5.1 Chemical analysis, norm and Niggli numbers of the metapelites	V
Table	6.1 Mode of the Khasi greenstone.	
Table	6.2 Chemical analysis , norm and Niggli numbers of the Khasi greenstones.	VI
Table	7.1 Mode of the amphibolites	
Table	7.2 Chemical analysis , norm and Niggli numbers of the amphibolites.	
Table	7.3 Chemical analysis of amphibolitites of the present area and other regions	VII
Table	8.1 Modes of the porphyritic (Myllem) granite.	
Table	8.2 XRD parameters and triclinicity values of the potash-feldspar phenocrysts of the porphyitic granite.	
Table	8.3 Mean length, mean breadth, standard	

deviation of the length and breadth ,
slope , average , elongtion ratio and
rounding index of zircons from the
porphyite granite.

VIII

Table 8.4 Chemical analysis, norm and Niggli
number of the porphyritic granite

Table 9.1 Chemical analysis , norm and Niggli
number of the volcanic tuffaceous
rock.

IX