

LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
III.1	Geological map	
III.2	Map showing important locations	
III.3	Map showing locations of samples: Chemically analysed	At the back of the thesis
	Map showing distribution of different varieties of massive granite	
I.1	Location map	3
IV.1	Sketch map showing the structure of the Delhis	64
IV.2	Stereograms of western exposures of Delhis	66
IV.3	Stereograms of central exposures of Delhis	67
IV.4	Stereograms of eastern exposures of Delhis	68
IV.5	Synoptic stereogram showing the F_2 fold axes in different exposures of the Delhis	69
IV.6	Stereogram showing the position of F_2 fold axes	73
IV.7	Stereogram showing fold axes related to early F_1 folding	74
IV.8	ACF diagram for calcareous rocks	108
V.1	Larsen's diagram: Kawa type hybrid	147
V.2	Harker's variation diagram: Kawa type hybrid	148

V.3	Variation diagram: Satharva type hybrid	151
V.4	Simonen diagram for plutonic rocks	152
V.5	Von Wolff's Q-L-M diagram for mafic, hybrid and granitic rocks	153
V.6	Mehnert's alkali migration diagram	154
V.7	Murata's diagram showing differentiation	156
V.8	Nockold and Allen's diagram showing trend of differentiation	157
V.9	2alk-(100-2al) -2(al-alk) - diagram showing trend of differentiation	158
VI.1	Mineral variation diagram of biotite gneisses	174
VI.2	Chemical variation diagram	179
VI.3	Von Wolff's Q-L-M diagram for migmatites	181
VI.4(a)	Map showing location of samples of granitic rocks chemically analysed	208
VI.4(b)	Map showing soda potash relationship in the granitic rocks of Idar area	209
VI.5	Relative proportion of Na_2O and K_2O in granitic rocks	210
VI.6	Kohler-Raaz diagram	211
VI.7	Al-C-Alk diagram based on Ossen's system	212
VI.8	c/fm-al-alk diagram of Niggli	213
VI.9	Diagram after Hejtman	215