

## C O N T E N T S

		Page
	ABSTRACT	1
CHAPTER		
I	INTRODUCTION	3
II	GENERAL GEOLOGY AND STRUCTURE	6
III	PETROGRAPHY : GENERAL	11
IV	PETROGRAPHY : TIME-RELATIONSHIP BETWEEN THE METAMORPHIC AND THE MOVEMENT EPISODES	18
V	MINERALS AND ROCK COMPOSITION DATA	24
VI	PRESSURE - TEMPERATURE SENSING : THE BASIC THEORY	32
VII	THERMODYNAMIC PARAMETERS OF THE STAUROLITE ZONE MINERALS : RETRIEVAL AND CALIBRATION	37
VIII	ESTIMATION OF TEMPERATURE AND PRESSURE	61
IX	SUMMARY AND CONCLUDING REMARKS	73
	LIST OF FIGURES	78
	LIST OF PLATES	92
	REFERENCES	100