

CONTENTS

	Page No.	
Acknowledgement	- i	
List of Tables	- ii	
List of Figures	- iii	
List of Plates	- iv	
CHAPTER I - Introduction to Sittampundi Complex		
1.1	Introduction	
	Ashwal et al (1988)	1
	Leelanandam et al (1988)	3
	Morrison et al (1988)	4
	Phinney et al (1988)	4
1.2	Location	8
1.3	General Statement and Review of Previous Literature	8
	Newbold 91843)	8
	Lacroix (1899)	9
	Iyer (1932)	9
	Iyengar (1949)	9
	Krishnan 91943)	9
	Nehru (1955)	9
	Subramaniam (1956)	9
	Naidu (1960 and 1963)	13
1.4	Recent Studies	16
	Ramadurai et al (1975)	17
	Thimmichetty et al (1975)	18
	Janardhan et al (1975)	19

	Page No.
Selvan (1980)	20
Sabanayagam (1989)	20
Mallik (1989)	20
1.5 Aims of Study	21
1.6 Methods of Study	21
CHAPTER II - FIELD STUDY	
2.1 Introduction	22
2.2 Field observation by early workers	22
2.3 Field observation by Recent workers	28
2.4 Discussion on the structural patterns in high grade terrain	32
2.5 Field observation by the author	34
Dunite and peridotite	35
Pyroxenite	36
Meta-anorthosite gabbro	36
Amphibolite	41
Quartzo feldspathic gneis	42
Pink granite	42
Syenite and Syenite pegmatite	42
CHAPTER III - CHROMITES	
3.1 Introduction	44
Krishnan (1953)	44
Iyengar (1950)	45
Subramaniam (1955)	45
Naidu (1963)	47

	Page No.
Janardhan et al (1975)	48
Grew (1982)	49
Ashwal (1988)	50
3.2 Platinum Group of Elements (PGE) in chromitites	51
CHAPTER IV - DISCUSSION	54
CHAPTER V - SUMMARY AND CONCLUSION	
BIBLIOGRAPHY	