

CONTENTS.

PREFACE.....	PAGE vii
CHAPTER I	
General topography.....	1
CHAPTER II.	
Geology: introductory remarks.....	7
General stratigraphic column.....	7
Major geological provinces.....	9
CHAPTER III.	
The Shuswap terrane.....	10
General description.....	10
Tonkawatla formation.....	13
Chase formation.....	15
Salmon Arm formation.....	16
Sicamous formation.....	18
Bastion formation.....	19
Tshinakin formation.....	20
Adams Lake formation.....	23
Greenstones of uncertain age.....	27
Greenstones north of Little Shuswap lake.....	28
Greenstones on Shuswap lake.....	28
Relation to the Adams Lake formation.....	29
Granites and orthogneisses of the Shuswap terrane.....	30
Granitic mass at the Seymour and Anesty arms of Shuswap lake.....	31
Granitic mass at the northern end of Adams lake.....	32
Granitic mass in the Sicamous-Cr. section.....	33
Granite laccolith (?) at Little Shuswap lake.....	34
Sill-sediment complex.....	34
Origin of the siliceous sediments of the Shuswap terrane.....	39
General conclusions regarding the Shuswap granites.....	39
Metamorphism of the Shuswap rocks.....	40
Static metamorphism.....	44
Dynamic metamorphism.....	50
Contact metamorphism.....	52
Structural features.....	53
Age and correlation.....	55