Geological Fieldwork

a summary of field activities of the geological division, mineral resources branch

1974

British Columbia Department of Mines and Petroleum Resources.

FOREWORD

Geological Fieldwork, 1974 is a new publication designed to acquaint the interested public with the preliminary results of the Geological Division as soon as possible after the field season. Fieldwork described includes reports of Project and District Geologists as well as those of graduate students whose work represents an integral part of the Division's projects. The reports are written mainly without the benefit of laboratory or extensive office studies. To speed publication, editing has been minimal and figures have been draughted by the authors. Geological Fieldwork, 1974 is not designed to replace Geology, Exploration, and Mining in British Columbia which will continue as the comprehensive volume on the work of the Industry and of the Department.

A. Sutherland Brown, Deputy Chief Geologist, Mineral Resources Branch

TABLE OF CONTENTS

REPORTS OF PROJECT GEOLOGISTS				
	Hoy, Trygve:	Zinc Deposits, Southeastern British Columbia	7	
	Preto, V. A.:	Geology of the Nicola Group between Missezula Lake and Allison Lake	9	
	Lefebure, David V.:	Stratigraphy and Copper Mineralization of the Nicola Group, Fairweather Hills	14	
	Christopher, P. A.:	Giant Mascot Mine	17	
	Northcote, K. E.:	Geology of the Northwest Half of Iron Mask Batholith	22	
	McMillan, W. J.:	Stratigraphic Section from the Jurassic Ashcroft Formation and Triassic Nicola Group contiguous to the Guichon Creek Batholith	27	
	Pearson, David E.:	Bridge River Map-Area	35	
	Garnett, J. A.:	Current Activity – Hogem Batholith	40	
	Meade, H. D.:	Geology of Germansen Lake Area	43	
	Carter, N. C.:	Property Examinations, West Central British Columbia	47	
	Church, B. N.:	Geology of the Sustut Area	51	
	Church, B. N. and Win	sby, J.: Dentonia Mine, Jewel Lake Area	56	
	Panteleyev, A.:	Galore Creek Map-Area	59	
	McMillan, W. J., Pantel	eyev, A., and Preto, V. A.: Geochemical Sampling, Geology, and Magnetics of the Kaketsa Stock	63	
REPORTS OF DISTRICT GEOLOGISTS				
	White, Gordon P. E.:	South Central British Columbia	69	

REPORTS OF DISTRICT	GEOLOGISTS (Continued)	Page
Eastwood, G.E.P.:	Vancouver Island	73
Schroeter, T. G.:	Northwestern British Columbia	78
REPORTS ON INDUSTRIA STRUCTURAL MATI	12	
McCammon, J. W.:	Barite, Niobium, Sand and Gravel, Talc	85