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**TECHNICAL SURVEYS** 

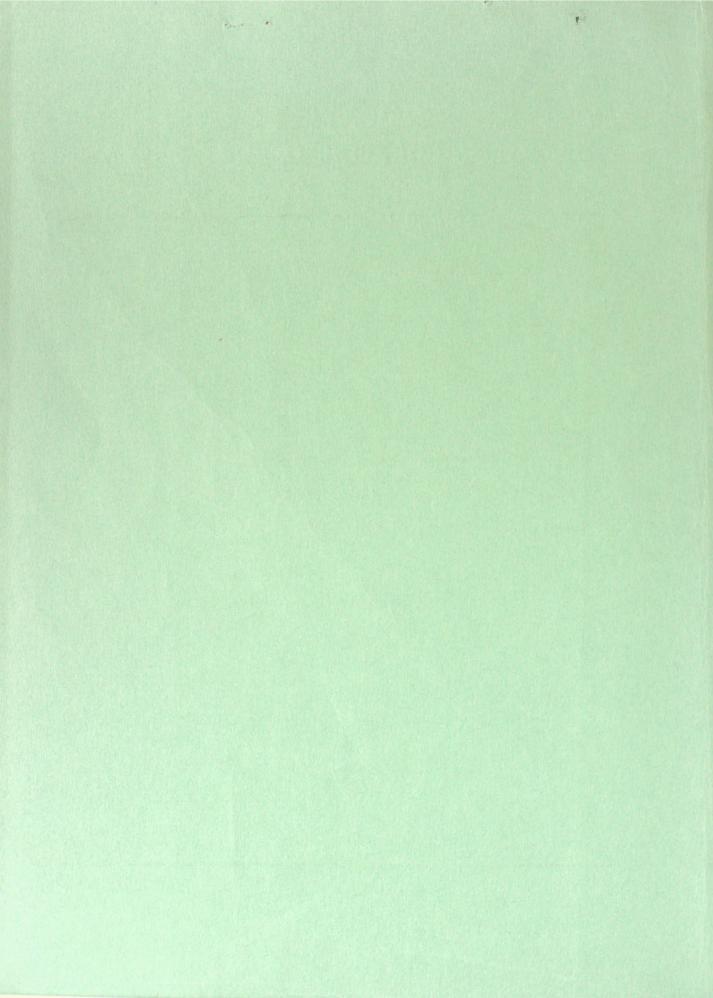
GEOLOGICAL SURVEY OF CANADA

# CATALOGUE OF CURRENT SCIENTIFIC ACTIVITIES OF THE GEOLOGICAL SURVEY OF CANADA

PART 1 FIELD To June 30, 1961



OTTAWA 1961



# CANADA DEPARTMENT OF MINES AND TECHNICAL SURVEYS

# GEOLOGICAL SURVEY OF CANADA

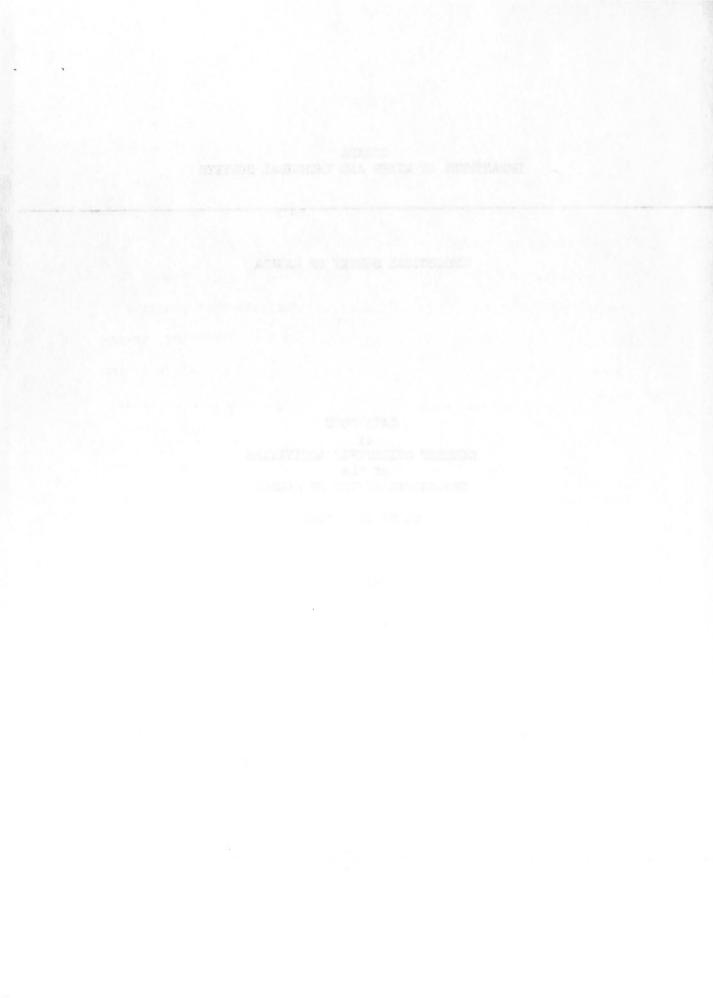
CATALOGUE of CURRENT SCIENTIFIC ACTIVITIES of the GEOLOGICAL SURVEY OF CANADA

to 30 June 1961

Part I

Field

Geological Survey of Conada Ottawa 1961



### PREFACE

In this catalogue, the current scientific field activities of the Geological Survey of Canada are arranged serially and the projects are numbered according, first, to the year and, second, to the serial number of the project for that year. For example, G.S. 51-4 is a Geological Survey field project initiated in 1951, and is the fourth for that year. Gaps in the series indicate that projects originally assigned the missing numbers have been completed, transferred, or are inactive or discontinued. Office and laboratory projects are described in Part II of the catalogue and this is issued separately.

The Geological Survey field projects are indexed, on the immediately following pages, according to: author, project number, division supervising field work, location or type of project, and province or territory. The index is followed by the separate details of the field projects.

> J. M. Harrison Director, Geological Survey of Canada

Ottawa, July 1, 1961.

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### EXPLANATION

The object of standard geological mapping is to map, study, and provide information on the nature, extent, succession, origin, structure, thickness, age, and history of the rock formations and their contained deposits of possible economic value, and to collect data on other factors that may have a bearing on the economic development of the area. Standard mapping may be chiefly concerned with the consolidated bedrock or with the unconsolidated surficial formations, and is done for publication on the following scales:

<u>8-mile or reconnaissance mapping</u>. Objective: in a broad, general way that of standard geological mapping but particularly to outline economically favourable areas or those in which further geological work is most desirable; commonly, area only partly covered.

<u>4-mile mapping</u>. Objective: that of standard geological mapping but, for the purposes of mapping, only the major rock units and their general distribution are ordinarily considered.

<u>l-mile mapping</u>. Objective: that of 4-mile mapping but the subdivisions of rock units are generally smaller and their distribution mapped in more detail.

Detailed mapping. Objective: primarily to solve some specific problem or problems of economic or scientific importance; the scale varies according to the fineness of the detail required, but is commonly 1 inch to 500 or 1,000 feet; the method is generally similar to that of standard geological mapping, but with special emphasis on those features likely to aid in solving the problems.

The objective of ground-water surveys is to map, study and provide information on the position, nature, and extent of the acquifers and the quality and quantity of water available from them.

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and provide information on the mature, and only encoded to origin, exceptions, biddhenes, and clatery of the rook formations and their conteined dependies of possible economic value, and to exilent date on other factors that may have a searcing on the contained date of the area. Standard anyging any he chiefly conterved with the consolidated before or with the uncerection of surfaced antibut the consolidated before or with the uncerection of surfaced antibut the consoli-

The objective of stratigraphic palaeontological studies is to establish the stratigraphic distribution of the various fossil assemblages within precisely described and appropriately distributed sections, in order to assist correlation of formations. The term "stratigraphic palaeontological" is abbreviated to "strat. pal." on the project sheets.

Locations are given by province or territory and national topographic series index number, except for very large areas. The establish the strategraphic distribution of the vertex location to a establish the strategraphic distribution of the vertex feast incentions, in order to second school and economics. The tark "stratigraphic placestological" is absorbinged to "strate pile" on the project shoets.

Incations are given by previous of herritary and initional topographic saries index number, except for very large sizes.

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### GEOLOGICAL SURVEY FIELD PROJECTS

## Major Operations

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Pelly		58-9
Roads to Resour	rces	59-19
Back River		60-2
Klondike		60-8
Ungava		60-24
Porcupine		61-7

Author	<b>Project</b>	<u>Division</u>	Location	
Aitken, J.D.	60-2 61-21	RG PS	Op. Back River, Pre-Devonian	Keewatin Alta.
Ambrose, J.W.	44-9	RG	Dasserat,	Que.
Anderson, F.D.	53-24 56-22 58-28 <b>±</b> 60-32	RG RG RG	Coldstream, Big Bald Mt. Nepisiquit Lakes etc., Paradise,	N.B. N.B. N.B. Nfld.
Armstrong, J.E.	48-1 49-38 60-12	RG A EG	Vancouver, Investigations Nicola,	B.C. B.C. B.C.
Baird, D.M.	58⊶34 59-38 60-36	RG EG A	Deer Lake, Gypsum National Parks	Nfld。 Canada Canada
Baragar, W.R.A.	54-42 ± 58-27	RG RG	Ahr Lake, Wakuach Lake,	Que. Que., Lab.
Barnes, F.Q.	52-21 🛓	RG	St. Georges,	Nfld.
Bartlett, I.A.	61-38	FS	Submarine geology	N.S.

**t** Project completed, transferred, inactive, or discontinued

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### NON-TRANSPORT

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Author	Project	Division	location	
Beales, F.W.	54-22 \$	FS	Carboniferous	Alta.
Bell, C.K.	54-25 60-18	RG RG	Milliken Lake, Cross Lake,	Sask. Man.
Benson, D.G.	60-30	RG	Hopewell,	N.S.
Bhattacharyya, B.	61-32	G	Detection of ground water	Ont.
Blackadar, R.G.	55-5 56-3 ± 61-1	FS FS	Op. Franklin Fury and Hecla Straits, Andrew Gordon Bay, etc.,	Frank. Frank. Frank.
Blanchard, J.L.	60-2	RG	Op. Back River	Keewatin
Bolton, T.E.	40-20 57-15	FS FS	Owen Sound, Anticosti Island,	Ont. Que.
Bostock, H.H.	57-8 59-19	PS RG	Shingle Creek granite Roads to Resources	B.C. Ont.
Boyle, R.W.	53-5 54-43 57-22 57-24 60-26	EG EG EG EG	Mayo, Bathurst, Bathurst - Newcastle, Walton barite Bay of Chaleur,	Yukon N.B. N.B. N.S. Que., N.B.
Brady, W.B.	54-20 57 <b>-1</b>	FS FS	Carboniferous stratigraphy Op. Mackenzie	Alta. Mack.
Brandon, L.V.	58-37 60-7	EG EG	Ottawa - Hull, Permafrost	Ont., Que. N.W.T., Yukon
Brown, I.C.	46 <b>-11</b> 54 <b>-</b> 43	RG RG,EG	Yellowknife, Bathurst,	Mack. N.B.
Brown, W.L.	48-1	EG	Vancouver,	B.C.
Caley, J.F.	40-20	FS	Owen Sound,	Ont.
Cameron, E.M.	58-18	EG	Sandstone	Alta.,Sask.
Campbell, R.B.	49-26 59-12 61-12	RG RG RG	Glenlyon, Quesnel, Quesnel Lakes,	Yukon B.C. B.C.
Carr, P.A.	60-27 61-43	EG G	Moncton, Seismic refraction	N.B. N.B.
Chamberlain, J.A.	48-6	EG	Uranium deposits	Canada

Author	Project	Division	Location	
Charron, J.	59-18	EG	Red River Basin,	Man.
Chowen, E.H.	58-26	RG	Carroll Lake,	Ont.
Christie, R.L.	49-27 50-5 56-5	RG RG RG	Bennett, Kluane Lake, Op. Stikine	B.C. Yukon B.C.
	57-5 59-1 60-1	FS FS FS	Lake Hazen Banks, Victoria, Ellesmere,	Frank. Frank. Frank.
	00-1	rs	Allesmere,	r rank.
Collett, L.S.	61-32	G	Detection of ground water	Ont.
Collins, G.A.	58-31	RG	Arichat,	N.S.
OULLINS, G.A.	)8-J1	100	AI Ichav,	MeO.
Copeland, M.	57-31	FS	Jurassic microfauna	Alta.
Craig, B.G.	52-24 55-1 55-29 57-1	EG RG EG FS	Beiseker, etc. Op. Thelon Eastern Mack. (surf.) Op. Mackenzie	Alta. Mack. Mack. Mack.
	57-2	EG	Op. Mackenzie (surf.)	Mack.
	59 <b>-</b> 3 60 <b>-</b> 3	EG EG	Op. Coppermine (surf.) Op. Back River (surf.)	Mack. Keewatin
Craig, D.B.	57–27 57–27–3	PS PS	Granite Revelstoke,	Canada B.C.
Crosby, D.C.	49-28 🛦	RG	Wolfville,	N.S.
Crowl, C.H.	53-30	EG	Geol. mapping	P.E.I.
Cumming, L.M.	53-26 54-49 ±	FS FS	Lower Palaeozoic Notre Dame Bay,	N.B. Nfld.
Currie, K.L.	56-14 ± 58-21 ± 60-17	RG RG RG	Island Lake, etc. Kettle Rapids, Whiskey Jack Lake,	Man. Man. Man.
Davison, W.L.	49-6 54-6 ± 56-1 ± 60-2 61-27	FS FS RG RG RG	Baffin Island, Pond Inlet, Hardistry Lake, Op. Back River Tadoule Lake	Frank. Frank. Mack. Keewatin Man.
Dawson, K.R.	44-9 52-16 57-27 57-27-2 57-28	RG PS PS PS PS	Dasserat, Preissac - Lacorne, Granite Anstruther, Ultrabasic rocks	Que. Que. Canada Ont. Canada
Debnam, A.	61-41	EG	Geochem. prospecting	Alta., Ont.

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Author	Project	Division	Location	
Derouin, E.	60-5 <b>*</b>	G	Aeromag. surveys	Ont.,Mack.,Sask.
Donaldson, J.A.	57-18 59-19	EG RG	Marion Lake, Roads to Resources	Que. Ont.
Douglas, R.J.W.	50-10 53-12	FS FS	Waterton, etc., Four and a half 1-mile	Alta.
	57-1	FS	op. Mackenzie	Alta. Mack.
Duffell, S.	53-10 <b>±</b> 56-20 59-19	RG RG RG	Terrace, Mount Wright Roads to Resources	B.C. Nfld., N.Que. Ont.
Eade, K.E.	55 <b>-1</b> 57 <b>-16</b> 61-46	RG RG RG	Op. Thelon Op. Fort George Battle Harbour, etc.	Mack. Que. Que., Lab.
Eakins, P.R.	61-34	RG	Sutton,	Que.
Elmslie, R.F.	59-19	RG	Roads to Resources,	Ont.
Elson, J.A.	55-22	EG	Brandon, etc.,	Man.
Essex, F.	60-5 <b>±</b> 61-6 61-16	G G G	Aeromag. surveys Aeromag. surveys Aeromag. surveys	Ont.,Mack.,Sask Mack. B.C.
Fahrig, W.F.	49-13 50-27 ± 52-10 ± 54-39 ± 54-40 ± 59-30 61-44	RG RG RG RG RG RG	Schefferville, Griffis Lake, Athabasca, Cambrian Lake, Lac Herodier, Shabogamo Lake, Diabase dykes	Nfld. & Que. Que. Sask. & Alta. Que. Que. Que., Nfld. Shield
Ferguson, S.A.	44-9	RG	Dasserat,	Que.
Findlay, D.C.	57-28 57 <b>-</b> 28 <b>-4</b>	PS PS	Ultrabasic rocks Tulameen,	Canada B.C.
Fortier, Y.O.	43-10 48-12 49-6 55-5	RG RG FS FS	Ross Lake, Indin Lake, Baffin Island, Op. Franklin,	Mack. Mack. Frank. Frank.
Fox. P.	57–27 57–27–4	PS PS	Granite Adamant batholith	Canada B.C.
Frankel, L.	53-30 61-43	EG G	Geol. mapping Seismic refraction	P.E.I. P.E.I.

		Simile, 5.7.

Author	Project	Division	Location	
Frarey, M.J.	52-17	RG	Thompson Lake,	Que.
	56-16	RG	Huronian rocks	Ont.
	59-20	RG	Wakwekobi,	Ont.
	61-30	RG	Bruce Mines	Ont.
Fraser, J.A.	55-1	RG	Op. Thelon	Mack.
	56-1 #	RG	Hardistry Lake,	Mack.
	57-3 ±	RG	Fort Enterprise,	Mack.
	58-1	RG	Op. Coppermine	Mack.
	61-28	RG	Rasmere Lake,	Man.
Frebold, H.	55-11	FS	Jurassic	Canada
Freeze, R.A.	51-41 ±	EG	Montreal,	Que.
	55-22	EG	Montreal,	Que.
	60-23	EG	Vaudreuil,	Que., Ont.
Fry, W.L.	54-12	FS	Tertiary floras	B.C.
Fulton, R.J.	60-12	EG	Nicola,	B.C.
Fyles, J.G.	54-51	EG	Central Keewatin	Keewatin
	56-7	EG	Courtenay,	B.C.
	58-13	EG	Strait of Georgia,	B.C.
	59-1	FS	Banks, Victoria,	Frank.
	59-2	EG	Banks, Victoria, (surf.)	
	61-4	EG	Axel Heiberg (surf.)	Frank.
Gabrielse, H.	56-5	RG	Op. Stikine	B.C.
	57-6	RG	Kechika, etc.,	B.C.
Gadd, N.R.	55-18	EG	Upton, etc.,	Que.
Gaddy Neite	56-19	EG	Ottawa,	Ont., Que.
		190	0	onos ques
Gauvreau, C.	61-43	G	Seismic refraction	P.E.I.,N.B., Yukon
Gleeson, C.F.	61-8	EG	Op. Klondike (heavy	
aloobony our a	01.0	120	min.)	Yukon
			origina a U y	
Glenister, B.F.	55-5	FS	Op. Franklin	Frank.
Green, L.H.	55-9	RG	McQuesten Lakes	Yukon
-	56-5	RG	Op. Stikine	B.C.
	58-8	RG	Dawson, etc.,	Yukon
	58-9	RG	Op. Pelly	Yukon
Greenshields, R.A.	58-28 🛓	RG	Nepisiquit Lakes,	N.B.
Greiner, H.R.	55-5	FS	Op. Franklin	Frank.
Gross, G.A.	57-29	EG	Iron	Canada
Hale, W.E.	54-23 🛦	RG	Thluicho Lake,	Sask.

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Author	Project	Division	Location	
Halstead, E.C.	54-13	EG	Lower Fraser Valley,	B.C.
	59-8	EG	Vancouver Island,	B.C.
	61-15	EG	Nanaimo - Duncan	B.C.
Jeletoky, J.A.				
Harker, P.	54-22 ±	FS	Carboniferous	Alta.
	57-1	FS	Op. Mackenzie	Mack.
Harrison, J.M.	9-13	RG	Schefferville,	Nfld. & Que.
harrison, o.m.		Itea	bonomici vilitoj e	MILLOS OL MADS.
Hay, R.E.	59-25	RG	Sault Ste. Marie,	Ont.
		151.7	AUGUSTON Y	1212 A
Hayes, J.J.	49-31	RG	'Hodges Hill',	Nfld.
Henderson, E.P.	56-29	EG	Conception Bay,	Nfld.
Kares H.	60-33	EG	N. coast	Nfld.
		12		
Henderson, J.F.	46-11	RG	Yellowknife,	Mack
Hormod W W	54-27	RG	Ledge Lake	Non Cools
Heywood, W.W.		RG	Ledge Lake,	Man., Sask.
	57-16		Op. Fort George	Que.
	60-2	RG	Op. Back River	Keewatin
	60-34	RG	Grenville,	Que., Ont.
Hoadley, J.W.	55-1	RG	Op. Thelon	Mack.
Hobson, G.	61-24	G	Seismic refraction, etc.	Sask., Que.
Hodge, R.	61-24	G	Seismic refraction, etc.	Sask., Que.
Holman, R.H.C.	56-28	EG	Geochemistry	N.S.
	60-20	EG	Roads to Resources	
			(geochem)	Ont.
Hame D D	12 0	70		-
Horn, D.R.	61-3	FS	Submarine geology	Frank.
Houlihan, J.	61-6	G	Aeromag. surveys	Mack.
in an	61-16	G	Aeromag. surveys	B.C.
	01-10	u	veromago surveys	D.00
Howell, J.E.	49-13	RG	Schefferville,	Nfld. & Que.
Hughes, O.L.	55-17	EG	Iroquois Falls, etc.,	Ont 。
	59-28	EG	Op. Fort George (surf.)	Que.
	60-8	EG	Op. Klondike	Yukon
	61-9	EG	Op. Ogilvie (surf.)	Yukon
	61-43	G	Seismic refraction	Yukon
Hutchinson, R.D.	51-7 ±	FS	Cambrian	Nfld.
Hyndman, D.W.	57-27	PS	Granite	Canada
Manual Dono				Canada
	57-27-5	PS	Nakusp,	B.C.
Irish, E.J.W.	55-12	FS	Charlie Lake,	B.C.
	59-6	FS	Halfway River	B.C.

Author	Project	Division	Location	
Jackson, G.D.	58-3 59-19	RG RG	Belcher Islands, Roads to Resources	Frank. Ont.
Jeletzky, J.A.	49-1 55-4	FS FS	Vancouver Island, Richardson Mountains,	B.C. Mack.
Jenness, S.E.	55-28 ±	RG	Gander Lake,	Nfld.
Johnston, J.M.	58-29 <b>±</b>	RG	St. Leonard,	N.B.
Johnston, W.G.Q.	44-9	RG	Dasserat,	Que.
Kalliokoski, J.	50-35	RG	Gull Pond,	Nfld.
Карр, Н.	57-28 57-28-3	PS PS	Ultrabasic rocks Muskox	Canada Mack.
Karrow, P.F.	55-18 55-20 ±	EG EG	Upton, etc., Grondines,	Que. Que.
Kelley, D.G.	55-25 58-32 60-28 61-37	RG RG RG	Whycocomagh, St. Ann's, Cheticamp, etc., Cobequid Mts.,	N.S. N.S. N.S. N.S.
Kempt, J.	60-5 <b>±</b> 61-6 61-16	G G G	Aeromag. surveys Aeromag. surveys Aeromag. surveys	Ont.,Mack.,Sask. Mack. B.C.
Kerr, J.W.	61-2	FS	Axel Heiberg, etc.,	Frank.
Kindle, E.D.	60-9	EG	Copper	Canada
Kirwan, L.	58-25	RG	Deer Lake,	Ont.
Klassen, R.W.	61-29	EG	Riding Mountain,	Man.
Knapp, H.	61-32	G	Detection of ground water	Ont.
Krank, S.H.	57-16 59-19	RG RG	Op. Fort George Roads to Resources	Que. Ont.
Kretz, R.	606	EG	Geochemistry, met. rocks, etc.	Mack.
Lang, A.H.	48-6	EG	Uranium deposits	Canada
Larochelle, A.	<b>54-34 ±</b> 55-20	G G	Negative anomalies Aeromag. anomalies	Ont., Que. Canada
Latour, B.A.	50-38	FS	Coal	Canada
Leaming, S.F.	61-17	EG	Strait of Georgia gravels	B.C.

Author	Project	Division	Location	
Lee, H.A.	53-39	EG	St. John River Valley,	N.B.
	57-17	EG	Op. Fort George (surf.)	Que.
	61-35	EG	Riviere-du-Loup,	Que.
Leech, G.B.	50-7	RG	St. Mary,	B.C.
2000113 4121	53-9	RG	Canal Flats	B.C.
	56-6	RG	Fernie	B.C.
Leslie, R.J.	61-5	FS	Submarine geology	Keewatin
Liberty, B.A.	40-20	FS	Owen Sound,	Ont.
THEOR OF STREET	43-31	FS	Lake Simcoe,	Ont.
	54-29	FS	Manitoulin Island,	Ont.
	59-21	FS	Palaeozoic	SE Ont.
14++1.0 U.W.	47-5 <b>±</b>	RG	Ymir,	B.C.
Little, H.W.	58-11	RG	Kettle River,	B.C.
	61-13	RG	Trail - Rossland,	B.C.
MacGregor, I.D.	57-28	PS	Ultrabasic rocks	Canada
	57-28-2	PS	Gaspe,	Que.
	58-28 ±	RG	Nepisiquit Lakes,	N.B.
Mackenzie, W.S.	61-23	FS	Devonian reefs	Alta.
MacLaren, A.S.	51-34	RG	Amos,	Que.
	55-20	G	Aeromag. anomalies	Canada
	60-21	G	Roads to Resources (geophys.)	Ont.
McAllister, A.L.	47-5 \$	RG	Ymir,	B.C.
McAuley, H.A.	61-24	G	Seismic refraction, etc.	Sask., Que.
McCartney, W.D.	55-27	RG	Avalon Peninsula,	Nfld.
	56-5	RG	Op. Stikine	B.C.
	60-35	EG	Barium, etc.	Canada
McGlynn, J.C.	55-3	RG	Tumi Lake,	Mack.
	60-4	RG	Correlation	N.W.T.
McGregor, D.C.	59-37	FS	Palaeobotany	Canada
moregor, Dece	61-48	FS	Cretaceous plants	Que.
MeTerrer D. T	FF F	TRO.		Propie
McLaren, D.J.	55-5	FS	Op. Franklin	Frank.
	57-1	FS	Op. Mackenzie	Mack.
McLeod, C.R.	57-30	EG	Placers	Canada
	61-8	EG	Op. Klondike (heavy min.)	Yukon
McMillan, N.J.	55-5	FS	Op. Franklin	Frank.
			-	
Mirynech, E.	58-24	EG	Trenton, etc.,	Ont.
	60-22	EG	Trenton,	Ont.

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Author	Project	Division	Location	
Mount joy, E.W.	57-9 59-14	FS FS	Miette, Mount Robson,	Alta. Alta.
Muller, J.E.	50-5 59-11 61-10	RG RG RG	Kluane Lake, Pine Pass, McLeod Lake,	Yukon B.C. B.C.
Mulligan, R.	50-6 ± 53-14 54-4	RG EG RG RG	Teslin Lake, Pegmatites Hill Island Lake,	Yukon Man.,Ont.,Que. Mack.
	55-15 61-40	EG	Split Lake, Tin	Man. Canada
Nash, W.A.	60-31	RG	Sandy Lake,	Nfld.
Neale, E.R.W.	54-44 57-26 59-36 60-31	RG RG RG	Cape Breton Park, Baie Vert, Kings Point, etc., Sandy Lake,	N.S. Nfld. Nfld. Nfld.
Nelson, S.J.	50-20	FS	Churchill,	Man.
Norford, B.S.	61-19	FS	Ord. and Sil.	B.C., Alta.
Norris, A.W.	55-5 57-1 61-45	FS FS	Op. Franklin Op. Mackenzie Outliers	Frank. Mack. Sask., Alta., Mack.
Norris, D.K.	55–14 56–11 57–1 58–17 61–7	FS FS FS FS	Livingstone, Bechive Mountain, Op. Mackenzie Carbondale, Op. Porcupine	Alta. Alta. Mack. Alta. Yukon
Owen, E.B.	58-27 59-5 61-36	EG EG EG	Ottawa - Hull, Dam sites Montreal Harbour	Ont., Que. Yukon Que.
Owens, K.H.	60-5 🛓	G	Aeromag. surveys	Ont., Mack.,
	61-6 61-16	G G	Aeromag. surveys Aeromag. surveys	Sask. Mack. B.C.
Patrick, T.O.H.	53-31	RG	Twillingate,	Nfld.
Pearce, R.G.	54-32	EG	Lake Simcoe,	Ont.
Peinaar, P.J.	54-30	EG	Blind River,	Ont.
Pelletier, B.R.	57-1 58-14 59-7 60-37	FS FS FS FS	Op. Mackenzie Tetsa River, Triassic Submarine geology	Mack. B.C. NE B.C. Frank.

Author	Project	Division	Location		
Pirie, R.G.	60-26	EG	Bay of Chaleur,	Que., N.B.	
Pollitt, E.I.K.	51-41 #	EG	Montreal	Que.	
	54-32	EG	Lake Simcoe,	Ont.	
	55-22	EG	Montreal,	Que.	
Poole, W.H.	57-20 <b>±</b>	RG	Napadogan,	N.B.	
	59-32	RG	Hayesville,	N.B.	
	27-29				
Potter, R.R.	61-26	RG	Gods River,	Man.	
Prest, V.K.	51-22	EG	Montreal Island,	Que.	
-	53-30	EG	Geol. mapping	P.E.I.	
	60-19	EG	Roads to Resources	13. ×	
			(surf.)	Ont.	
			and the second se		
Price, R.A.	56-8	FS	Flathead,	B.C., Alta.	
	58-15	FS	Fernie,	B.C., Alta.	
	61-18	FS	Folding	B.C., Alta.	
Quinn, H.A.	56-14 ±	RG	Island Lake, etc.,	Man.	
Garming Horas	58-21 ±	RG	Kettle Rapids,	Man	
	)0 <sup>6</sup> 21 #	nor	Recore Rapids,	Picilio .	
Reesor, J.E.	53-8	RG	Lardeau	B.C.	
	57-27	PS	Granite	Canada	
	57-27-1	PS	Valhalla complex	B.C.	
Reveler, D.	60-5 <b>*</b>	G	Aeromag. surveys	Ont. Mack.,	
				Sask.	
	61-6	G	Aeromag. surveys	Mack.	
	61-16	G	Aeromag. surveys	B.C.	
Riley, G.C.	49-6	FS	Baffin Island,	Frank.	
	52-21 1	RG	St. Georges,	Nfld.	
	54-48	RG	Red Indian Lake,	Nfld.	
	57-25 \$	RG	Burgeo - Ramea,	Nfld.	
	59-13 ±	RG	Ft. Fitzgerald, etc.,	Alta.	
Robinson, S.C.	54-31 ±	PS	Bancroft - Wilberforce,	Ont.	
Roddick, J.A.	48-1	EG	Vancouver	B.C.	
	53-7	RG	Coquitlam	B.C.	
	56-5	RG	Op. Stikine	B.C.	
	58-9	RG	Op. Pelly	Yukon	
Boote FF	52 6	DC	Column Mt - ot	Vulcon & Mart	
Roots, E.F.	53-6	RG	Selwyn Mts., etc.	Yukon & Mack.	
	55-5	FS	Op. Franklin	Frank.	
	56-5	RG	Op. Stikine	B.C.	
Roscoe, S.M.	52-18	RG	Kasheshibaw,	Nfld.	
	54-30	EG	Blind River,	Ont.	
	54-39 🛣	RG	Cambrian Lake,	Que.	
	61-33	EG	Huronian	Ont., Que.	

Author	Project	Division	Location	
Rose, E.R.	58-36 <b>±</b>	PS	Anorthosites	E. Canada
Ross, J.V.	58-4	RG	Mesa Lake,	Mack.
Rowe, R.B.	53-14	EG	Pegmatites	Man., Ont., Que.
Sanford, B.V.	51-23	FS	Well elevations	Ont.
Sangster, D.F.	57-29 57-29-1	EG EG	Iron Metamorphic deposits	Canada B.C.
Sartenaer, P.	59-4	FS	Upper Devonian	Mack.
Schiller, E.	59-35	RG	Guysborough,	N.S.
Scoates, R.F.J.	57 <b>-</b> 28 57-28-5	PS PS	Ultrabasic rocks Gordon Lake	Canada Ont.
Scott, D.L.	61-20	FS	Carboniferous, etc.	B.C., Alta.
Scott, J.S.	58-20 <b>±</b> 60-15 61-47	EG EG EG	Elbow, etc., Elbow, Engineering geology	Sask. Sask. Maritimes
Shaw, G.	44-9	RG	Dasserat,	Que.
Sinclair, G.W.	55-19 57-11	FS FS	Ordovician Ordovician	Que. Man.
Skinner, R.	53-25	RG	Tetagouche Lakes,	N.B.
Smith, A.Y.	59-33	EG	Geochemistry	SE N.B.
Smith, B.L.	<b>54-50 ±</b> 60-32	RG RG	Rencontre, Paradise,	Nfld. Nfld.
Smith, C.H.	55-23 57-28 57-28-1 * 57-28-2 57-28-3 57-28-4 57-28-5	RG PS PS PS PS PS PS	California Lake, Ultrabasic rocks Bay of Islands, Gaspe, Muskox Tulameen, Gordon Lake,	N.B. Canada Nfld. Que. Mack. B.C. Ont.
Smitheringale,W.G	• 56-26 ± 58-30	RG RG	Nictaux, etc., Clementsport,	N.S. N.S.
Souther, J.G.	53-10 ± 55-5 56-5 58-10	RG FS RG RG	Terrace, Op. Franklin Op. Stikine Sumdum,	B.C. Frank. B.C. B.C.

Author	Project		<b>Division</b>	Location	
Stalker, A.MacS.	52-24 56-9 59-15	ł	EG EG EG	Beiseker, MacLeod, etc., Fernie	Alta. Alta. Alta.
		*	EG	Windermere,	Alta.
	61-22		EG	Lethbridge,	Alta.
	61-29		EG	Riding Mountain,	Man.
Stevenson, I.M.	57-16		RG	Op. Fort George	Que.
	57-23	t	RG	Chedabucto Bay,	N.S.
	60-24		RG	Op. Ungava	Que.
Stockwell, C.H.	44-9		RG	Dasserat,	Que.
Charlen and the The	50-33		A	Gold fields	N.S.
	54-43		RG, EG	Bathurst,	N.B.
Stott, D.F.	55-13	*	FS	Alberta group	Alta.
and the Australian of	57-1		FS	Op. Mackenzie	Mack.
	58-16		FS	Cretaceous	Alta., B.C.
	61-14		FS	Cretaceous	B.C.
Taylor, F.C.	154-4		RG	Hill Island Lake,	Mack.
2	\$ 55-2		RG	Snowbird Lake,	Mack.
	58-2		RG	Southeast	Mack.
	59-34		RG	Shelbourne,	N.S.
	60-29		RG	Annapolis,	N.S.
Taylor, G.C.	60-10		RG	McDonald River,	B.C.
Terasmae, J.	56-17		EG	Palynology	Ont.
	59-22		EG	Cornwall,	Ont.
	61-42		EG	Pleistocene palynology	Canada
Thorsteinsson, R.			FS	Op. Franklin	Frank.
	58-7		FS	Western Queen Elizabeth Islands	Frank.
	59-1		FS	Banks, Victoria,	Frank.
	61-2		FS	Axel Heiberg, etc.,	Frank.
Tipper, H.W.	49-22	T	RG	Nechako,	B.C.
	57-7		RG	Quesnel,	B.C.
	59-9		RG	Prince George,	B.C.
	61-10		RG	McLeod Lake,	B.C.
	61-11		RG	Taseko Lakes,	B.C.
Toth, A.M.	59-17		EG	Saskatoon, etc.,	Sask.
Tozer, E.T.	55-5		FS	Op. Franklin	Frank.
	58-7		FS	Western Queen Elizabeth	17
	FO -		100	Islands	Frank.
	59-1		FS	Banks, Victoria,	Frank.
	60-11		FS	Triassic	B.C.
	61-2		FS	Axel Heiberg,	Frank.
Treichel, A.	59-8		EG	Vancouver Island,	B.C.
	61-15		EG	Nanaimo - Duncan,	B.C.

Author	Project D:	ivision	Location	
Tremblay, J.J.L.	51-41 *	EG	Montreal,	Que.
••	55-22	EG	Montreal,	Que.
	60-23	EG	Vaudreuil,	Que., Ont.
	00~~)	24	to the other y	4
Tremblay, L.P.	52-9	RG	Beaverlodge,	Sask.
24 C	59-16	RG	Phelps Lake,	Sask.
- PROJECT:	60-14	RG	Canadian Shield	Alta., Sask.
	00-14	160	Valaditari Diitora	serous à public
Tremblay, M.	60-2	RG	Op. Back River	Keewatin
11 0110 2003 3 110	60-34	RG	Grenville,	Que., Ont.
	00-)4	160	ar out the trop	dance 3 ouros
Trettin, H.	61-2	FS	Axel Heiberg, etc.,	Frank.
Iloutin, n.	01-2	10	AACT HOLDERBy COURY	A & WILLEY
Vernon, P.	61-9	EG	Op. Ogilvie (surf.)	Yukon
vernon, r.	01-7	BO	obe officie (surre)	TUROII
Hermon FIF	48-1	EG	Vancouver,	B.C.
Wagner, F.J.E.				
	53-37	FS	Champlain Sea,	Ont., Que.
Wheeler IO	49-26	RG	Glenlyon,	Yukon
Wheeler, J.O.				Yukon
	58-9	RG	Op. Pelly	
	59-10	RG	Rogers Pass,	B.C.
	10 71	70	Or man the sea Miles a	Gaala
Whitmore, D.R.E.	60-16	EG	Coronation Mine	Sask.
WHIIdowe II	50 00	RG	Chicel Joke	Man
Williams, H.	58-23		Chisel Lake,	Man.
	61-39	RG	Botwood,	Nfld.
		77		
Wilson, Alice E.	41-20	FS	Ottawa - St. Lawrence	
			Lowland	Ont. & Que.
			<b>a</b>	-
Wright, G.M.	49-11 ±	RG	Ghost Lake,	Mack.
	55-1	RG	Op. Thelon,	Mack.
	59-26	RG	Deep River,	Ont., Que.
	60-34	RG	Grenville,	Que., Ont.
			· · · · · · · · · · · · · · · · · · ·	
Wyder, J.E.	61-25	G	Resistivity ground-	
			water survey	Sask.
Wynne-Edwards, H.R	. 57-13	RG	Westport,	Ont.
,	59-29	RG	MichiKamou Lake,	Que., Nfld.
	60-25	RG	Ossokmanuan,	Que., Nfld.
	61-31	RG	Gananoque, etc.,	Ont.
	01-J1	100	antarroduce coces	ATTA 0

PROJECT:

G.S. 40-20. Owen Sound map-area

LOCATION:

Onto: 41A 4 41 H/3

OBJECTIVE:

4-mile mapping, with special emphasis on Palaeozoic formations.

PERSONNEL:

J.F. Caley (in charge), T.E. Bolton, B.A. Liberty

DATE OF BEGINNING: 1940

DATE OF COMPLETION: Field work: 1943 Prelim. pubs: 1945 Final pubs: 1962

PUBLICATIONS: Paper 45-18

PUBLICATIONS OUTSTANDING: Final map and memoir. Manuscript of memoir is being revised to conform with stratigraphic results obtained in G.S. 50-22 (Niagara Escarpment) and G.S. 51-10 (Devonian southwest Ontario)

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G.S. 41-20 Ottawa - St. Lawrence Lowland

LOCATION: Ontario and Quebec, between the Ottawa and St. Lawrence Rivers OBJECTIVE: Strat. pal. study of Ordovician formations PERSONNEL: Alice E. Wilson

PROJECT:

BEGINNING: 1925 DATE OF COMPLETION: Field work: 1946 Prelim. pubs: --Final pubs: 1936, 1946, 1947, 1948, 1951, 1959?

PUBLICATIONS: Memoir 202, 241

Bulletins 4, 8, 9, 11, 17, 67

PUBLICATIONS OUTSTANDING: Bulletin submitted April 1961 More bulletins anticipated

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PROJECT: G.S. 43-10 Ross Lake map-area

LOCATION:

N.W.T., District of Mackenzie; 85 I/11

OBJECTIVE:

1-mile mapping

PERSONNEL: Y.O. Fortier

DATE OF BEGINNING: 1943

DATE OF

COMPLETE	111010	
Field	work:	1945
Prelim.	pubs:	1947
Final	-	(?)

PUBLICATIONS: Paper 47-16

PUBLICATIONS OUTSTANDING:

Final map and memoir, in course of preparation. Memoir to include Ross Lake, Gordon Lake, and Gordon Lake South map-areas, and is to be coauthored by Y.O. Fortier and J.F. Henderson.

NOTE: The earlier Gordon Lake and Gordon Lake South map-areas by J.F. Henderson, were not given project numbers.

RG

### GROLOGICAL BUILTY OF CARDIN

G.S. 63-10 Road Lake ano-eres

L.E.T., District of Machemizier 65 1/11

OBJECTIVE:

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G.S. 43-31. Lake Sincos area

LOCATION: Ont., 31 2/10-15 OBJECTIVE: 4-mile mapping with special emphasis on the Palaeozoic formations PERSONNEL: B.A. Liberty, (1949-50, 1952), J.F. Caley (1944-48) DATE OF EEGINNING: 1944 DATE OF

Field	work:	1952			
Prelim.	pubs:	1950,	1952,	1953	
Final	pubs:	1961			

PROJECT:

PUBLICATIONS: Papers 50-11, 52-31, 52-33, 53-2, 53-9, 53-13, 53-16, 53-18, 53-19

PUBLICATIONS								
OUTSTANDING:	Final	map	and	memoir	submitted	by	B.A.	Liberty

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PROJECT:

#### G.S. 44-9. Dasserat and Wa Beauchastel twps.

LOCATION:

Ques: parts of 32 C and D

OBJECTIVE:

Detailed mapping

 PERSONNEL:
 C.H. Stockwell (1946-7, 1949); J.W. Ambrose,

 S.A. Ferguson (1944); G. Shaw (1945); K.R.

 Dawson (1949); W.G.Q. Johnston (1950-52)

DATE OF BEGINNING:

1944

### DATE OF

COMPLETION: Field work: Prelim. pubs:	1952 1945, 1949, 1950, 1953 Completed except SW1 Beauchastel twp.
Final pubs:	Undecided
PUBLICATIONS:	Papers 45-17, 49-23, 49-25, 50-3, 53-8

PUBLICATIONS	
OUTSTANDING:	

Preliminary map SW1 Beauchastel twp. (Johnston has submitted his part to Stockwell)

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RESUMPTING AND A STOREMENT (1946-7, 1969) | J. M. MCROSS, S. M. PURCHER, 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 1994 | 199

G.S. 46-11. Yellowknife greenstone belt PROJECT:

LOCATION: District of Mackenzie, in the vicinity of Yellowknife

OBJECTIVE:

Detailed mapping

PERSONNEL: J.F. Henderson (1946-49), I.C. Brown (1946-48, 1950-51, 1953)

#### DATE OF BEGINNING:

1946

### DATE OF

COMPLI	STION:				
Field	work:	1953			
Prelim.	pubs:	1948,	1949,	1950,	1952
Final	pubs:	1962			

Papers 48-17, 49-26, 50-34, 52-24, and 52-28 PUBLICATIONS:

#### PUBLICATIONS OUTSTANDING: Final maps and memoir

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PROJECT: G.S. 47-5. Ymir map-area

LOCATION:

B.C. 82 C/6 B

OBJECTIVE: l-mile mapping

PERSONNEL: H.W. Little (1947), A.L. McAllister (1948)

DATE OF BEGINNING: 1947

DATE OF COMPLETION: Field work: 1948 Prelim. pubs: 1951 Final pubs: 1961

PUBLICATIONS: Paper 51-4 Final map forwarded

PUBLICATIONS OUTSTANDING: Completed RG

#### GROLOGICAL SURVEY OF CALVON (Frals Fralar)

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LOCATION:

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G.S. 48-1. Geology and ground-water of the PROJECT: Vancouver area B.C. 92 G/2, G/3, G/6, G/7 LOCATION: OBJECTIVE: 1-mile mapping with special emphasis on surficial geology and ground water J.E. Armstrong (1948-53); W.L. Brown, and PERSONNEL: J.A. Roddick (1950 to 1952); F.J.E. Wagner (1951) DATE OF 1948 BEGINNING: DATE OF COMPLETION: Field work: 1953

Prelim. pubs: 1950, 1953, 1955, 1957 Final pubs: 1960

PUBLICATIONS: Papers 50-26, 53-28, 55-40, 57-5. Water supply reports transferred to G.S. 54-13. Map 16-1957 Bulletin 52

PUBLICATIONS OUTSTANDING: Final maps and memoir EG

### TOLOGIAL SUPPLY OF CARCOL

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G.S. 88-1. Scolory and ground-water of the Verdouver area

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# (Field Project)

PROJECT:

#### G.S. 48-6. Field studies of uranium deposits

LOCATION:

Canada (entire)

OBJECTIVE: Investigation of the geology, structure, mineralogy, origin, age, and economics of uranium and other radioactive mineral deposits

PERSONNEL: J.A. Chamberlain, A.H. Lang (before 1960)

DATE OF BEGINNING:

1948

#### DATE OF

COMPLE	TION:	
Field	work:	Continuing
Prelim.	pubs:	1949, 1951, 1954
Final	pubs:	1952-56, 59

PUBLICATIONS:Papers 49-4, 51-10, 54-1, 59-16Economic Geology Report 16, first to third editions.<br/>Reviews on Uranium in Canada for 1952-56.Pamphlet giving general information on prospecting<br/>for uranium.<br/>List of G.S.C. publications related to uranium.<br/>Several papers in scientific journals.

PUBLICATIONS OUTSTANDING:

As required

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# (Field Project)

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# (Field Project)

PROJECT:

#### G.S. 48-12. Indin Lake map-area, east half

LOCATION:

District of Mackenzie; 86 B E

OBJECTIVE:

4-mile mapping

PERSONNEL:

Y.O. Fortier

DATE OF BEGINNING: 1948

DATE OF COMPLETION: Field work: 1948 Prelim. pubs: 1949 Final pubs: (?)

PUBLICATIONS: Paper 49-10

PUBLICATIONS OUTSTANDING:

Final map

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PROJECT: G.S. 49-1. Mesozoic and Tertiary on the west coast of Vancouver Island.

LOCATION:

B.C. West coast Vancouver Island from Clayoquot Sound north

OBJECTIVE:

Strat. pal. study with special attention to the Lower Cretaceous-Jurassic contact; and possibilities of Tertiary strata with respect to oil and gas.

PERSONNEL:

J.A. Jeletzky

DATE OF BEGINNING: 1949

DATE OF COMPLETION:

Field	work:	1954
Prelim.	pubs:	1950, 1953, 1954
Final	pubs:	1961 or 1962

PUBLICATIONS: Papers 50-37, 53-17 Abstract in G.S.A. Bull. 1954

PUBLICATIONS OUTSTANDING: Final maps and reports

# GROLD GLOAL STREET OF OLVAN

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1.8. 49-1. Memorato and Tertitry on the west count of Vancouver Laiand.

LOCATION

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PROJECT: G.S. 49-6. Southern Baffin Island and project 51-36 (Cumberland Sound and Peninsula)

LOCATION:

Franklin, Baffin Island, 25 N.E. and N.W., 25 K/19, 26, 35 P. 36 S.E. and S.W.

OBJECTIVE:

8-mile mapping except 25 K/19, 1 mile

PERSONNEL: Y.O. Fortier, 1949, 1952; W.L. Davison, 1950, 1951, 1953; G.C. Riley, 1951

DATE OF BEGINNING: 1949

DATE OF COMPLETION: Field work: Prelim. pubs:

Field	work:	1953
relim.	pubs:	1961
Final	pubs:	none

PUBLICATIONS: Map 1061A Maps 29-1958, 4-1959 Bulletin 61

PUBLICATIONS OUTSTANDING:

Preliminary map and notes for 25 N.E. and N.W. by Y.O. Fortier and W.L. Davison, and 36 S.E. and S.W. by Y.O. Fortier

# GROLOGICAL SUBVEY OF CANALA

PROPERTY 0.3. 49-6. Bouthern Baffin Taland and project 51-56 (Cumberland Sound and Peninsula)

Franklan, Barrin Laland, 25 W.F. and M.W., 25 M/19. 36, 35 P. 35 S.F. and S.W.

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PROJECT:

G.S. 49-11. Ghost Lake map-area. Also memoir from G.S. 45-10 (Chalco Lake and Ranji Lake)

LOCATION:

District of Mackenzie; 85 0/14, also 86 B/3, 86 B/6

OBJECTIVE:

1-mile mapping

PERSONNEL:

G.M. Wright

DATE OF BEGINNING: 1949

I	ATE OF				
	COMPLETI	ON:			
	Field wo	rk:	1949		
	Prelim. pu	bs:	1947,	1948,	1950
	Final pu	ibs:	(?)		

 PUBLICATIONS:
 Paper 50-13

 Map 1021A
 Map 1021A

 Also Papers 47-18, 48-10, 48-20 and maps 1022A, 1023A from G.S. 46-10

PUBLICATIONS OUTSTANDING:

Memoir to include G.S. 46-10 (Chalco Lake and Ranji Lake) by L.P. Tremblay and G.M. Wright

### CERTIFIC ENFORT OF CARACT

G.S. (9-11. (host labs may-area. Also zenals from G.S. 46-10 (Casleo Labe and Parii labs)

District of Muchanital 23 3/14, also 36 B/2, 34 B/6

10 PT 10 1 211-5

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5. (TA)

PROJECT:

G.S. 49-13. Labrador-Quebec iron belt

LOCATION:

Nfld. (Labrador) and Que.; near Schefferville

OBJECTIVE: Detailed mapping, includes some more widespread related detailed investigations, and supervision, with special emphasis on iron deposits.

PERSONNEL: J.M. Harrison (1949-52); J.E. Howell (1953-54) W.F. Fahrig (1960)

DATE OF BEGINNING: 1949

DATE OF COMPLETION: Field work: 1954 Prelim, pubs: 1952 Final pubs: 1961

PUBLICATIONS: Paper 52-20

PUBLICATIONS OUTSTANDING Memoir and final maps RG

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PROJECT:	G.S. 49-22. Nechako map-area
LOCATION:	B.C.: 93 F
OBJECTIVE:	4-mile mapping
PERSONNEL:	H.W. Tipper
DATE OF BEGINNING:	1949
DATE OF COMPLETION: Field work: Prelim, pubs: Final pubs:	1953 1954 1961
PUBLICATIONS:	Paper 54-11 Bulletin 47 Final map and memoir forwarded
PUBLICATIONS OUTSTANDING:	None

RG

PROJECT: G.S. 49-26. Glenlyon map-area

LOCATION:

Yukon, 105 L

OBJECTIVE:

4-mile mapping

PERSONNEL: J.O. Wheeler (1956); R.B. Campbell (1949-54)

DATE OF BEGINNING: 1949

DATE OF

COMPLETION:		
Field work:	1956	
Prelim. pubs:	1954	
Final pubs:	1961-62	?

PUBLICATIONS: Paper 54-12 Map 25-1960

PUBLICATIONS OUTSTANDING: Final maps and memoir

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PROJECT:	G.S. 49-27.	Bennett map-are	86

LOCATION: B.C.: 104 M

- OBJECTIVE: 4-mile mapping
- PERSONNEL: R.L. Christie
- DATE OF BEGINNING: 1949
- DATE OF COMPLETION: Field work: 1952 Prelim, pubs: 1957 Final pubs: 1962 (?)
- PUBLICATIONS: Map 19-1957

PUBLICATIONS OUTSTANDING: Final map and memoir

PROJECT:	G.S. 49-28. Wolfville map-area
LOCATION:	N.S.; 21 H/1
OBJECTIVE:	1-mile mapping
PERSONNEL:	D.G. Crosby
DATE OF BEGINNING: DATE OF	1949
COMPLETION: Field work:	1950 1952 1961 (?)
PUBLICATIONS:	Paper 52-18 Final map and memoir forwarded
PUBLICATIONS OUTSTANDING:	None

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G.S. 49-31. 'Hodges Hill' map-area

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LOCATION:	Nfld. 2 E/4 W2; 2 E/5 W2
OBJECTIVE:	1-mile mapping
PERSONNEL:	J.J. Hayes
DATE OF BEGINNING:	1949 (1947, for Geol. Surv. Mfld.)
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS	Papers 51-5, 51-20
PUBLICATIONS	

Final maps and reports

PROJECT:

OUTSTANDING:

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PROJECT: G.S. 49-38. Miscellaneous field investigations by staff of British Columbia office.

LOCATION:

In various parts of the province

OBJECTIVE: Varied objectives according to the particular investigations, which include supervision of Geological Survey field parties, examinations of mining properties, assistance in various government engineering projects such as water power sites, dams, tunnels, and locations of convenient deposits of industrial mineral and rock materials.

PERSONNEL: J.E. Armstrong and staff of B.C. office

DATE OF BEGINNING: Pr:

Prior to 1949

DATE OF

COMPLETION: Field work: Continuing project Prelim. pubs: --Final pubs: --

None

PUBLICATIONS:

PUBLICATIONS OUTSTANDING:

Mainly office or private reports

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PROJECT: G.S. 50~5. Kluane Lake map-area. (Includes G.S. 53-3. Teepee Lake)

LOCATION: Yukon: 115 G, 115 F E

OBJECTIVE: 4-mile mapping

PERSONNEL: J.E. Muller (1950-53, 1956-57), R.L. Christie (1953)

DATE OF BEGINNING: 1950

DATE OF COMPLETION: Field work:

Field work:1956 (1954-55, suspended because of injuries and<br/>office work)Prelim. pubs:1953, 1958Final pubs:1962

PUBLICATIONS: Paper 53-20, 58-9 Map 19-1958

PUBLICATIONS OUTSTANDING: Final map and report

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- <sup>20</sup>	PROJECT:	G.S. 50-6. Teslin Lake map-area
	LOCATION:	Yukon, 105C
	OBJECTIVE:	4-mile mapping
- 	PERSONNEL:	R. Mulligan
	DATE OF BEGINNING: DATE OF	1950
	COMPLETION: Field work: Prelim. pubs: Final pubs:	1953 1954 1960
	PUBLICATIONS:	Paper 54-20 Final map and memoir forwarded
	PUBLICATIONS OUTSTANDING:	None

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-Section Science references

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PROJECT:	G.S. 50-7. St. Mary map-area
LOCATION:	B.C.: 82 F/9
OBJECTIVE:	1-mile mapping
PERSONNEL:	G.B. Leech
DATE OF BEGINNING:	1950
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1952 1952, 1957 1962
PUBLICATIONS:	Paper 52-15, map 15-1957
PUBLICATIONS OUTSTANDING:	Final map and memoir

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PROJECT:	G.S. 50-10. Waterton, Mountain View, and Pincher Creek (redefined) map-areas
LOCATION:	Alta. 182 H/4, 82 H/5
OBJECTIVE:	1-mile mapping with special emphasis on strati- graphy. Investigation of the character, origin, structure, and age of the rock formations, and their relationships to the occurrence of coal, oil, or natural gas.

R.J.W. Douglas (1949-51) PERSONNEL:

DATE OF	
BEGINNING:	1949

#### DATE OF

COMPLETION:	
Field work:	1951
Prelim. pubs:	1951 - 1952
Final pubs:	1962

Papers 51-22, 52-10 PUBLICATIONS:

PUBLICATIONS OUTSTANDING: Final map and memoir

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# (Field Project)

PROJECT:	G.S. 50-20. Mid-Palaeozoic in vicinity of Churchill.
LOCATION:	Man.
OBJECTIVE:	Strat. pal. study
PERSONNEL:	SoJ, Nelson
DATE OF BEGINNING: DATE OF	1950
COMPLETION:	
Field work: Prelim. pubs:	1951
Final pubs:	1961
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Final report submitted, awaiting publication by Nelson of supporting material

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PROJECT:	G.S. 50-27. Griffis Lake map-area
LOCATION:	Que.: 23 P/4
OBJECTIVE:	1-mile mapping. A thesis project
PERSONNEL:	W.F. Fahrig
DATE OF BEGINNING: DATE OF	1950
COMPLETION: Field work:	1951 1951
PUBLICATIONS:	Paper 51-23 Map 1082 A Bulletin 77 in press
PUBLICATIONS OUTSTANDING:	Final report to be included in G.S. 52-17

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Completed

# COLORAD INTERVIEW (IN CAMPLE)

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PROJECT:	G.S. 50-33. Gold fields of Nova Scotia
LOCATION:	N.S.
OBJECTIVE:	Mainly to secure structural data on the nature and origin of folds, and their significance with relation to associated gold deposits
PERSONNEL:	C.H. Stockwell
DATE OF BEGINNING:	1950
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1950  1962
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Final report

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PROJECT:	G.S. 50-35; Gull Pond map-area
LOCATION:	Nf1d; 12 H/1
OBJECTIVE:	1-mile mapping
PERSONNEL:	J. Kalliokoski (resigned)
DATE OF BEGINNING:	1950
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1951 1951, 1954 (?)
PUBLICATIONS:	Papers 51-1, 54-4
PUBLICATIONS OUTSTANDING:	Final map and memoir

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PROJECT:	G.S. 50-38. Coal reserves of Canada
LOCATION:	All coal areas in Canada
OBJECTIVE:	Collection of data necessary for estimation of Canada's coal reserves; collection of coal samples for qualitative spectrographic analysis
PERSONNEL:	B.A. Latour
DATE OF BEGINNING: DATE OF	1950
COMPLETION: Field work: Prelim. pubs: Final pubs:	Continuing project
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	None Topical Reports done as office projects

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G.S. 51-7. Cambrian of southeastern Newfoundland

LOCATION:	Southeastern Mild.
OBJECTIVE:	Strat. pal. study of Cambrian formations with special attention to trilobite faunas
PERSONNEL:	R.D. Hutchison (1951, 1952)

BEGINNING:	1951	
DATE OF COMPLETION:		
Field work:	1955	
Prelim. pubs:	-	
Final pubs:	1961	

PUBLICATIONS: Mem. 322 in press

PUBLICATIONS OUTSTANDING:

PROJECT:

DATE OF

None

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# Andrea Martin and Andrea Martin

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PROJECT:	G.S. 51-22. Montreal Island
LOCATION:	Que.; parts of 31 H/5, H/2
OBJECTIVE:	1-mile mapping of surficial formations
PERSONNEL:	V.K. Prest
DATE OF BEGINNING: DATE OF	1951
COMPLETION: Field work: Prelim. pubs: Final pubs:	1952 1961 1962
PUBLICATIONS:	Map 42-1960 Map 29-1961 in press
PUBLICATIONS OUTSTANDING:	Final map and memoir

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G.S. 51-23. Establishment of the elevations

	of wells drilled for oil and gas
LOCATION:	Southwestern Ontario
OBJECTIVE:	To assist interpretations of the structure and stratigraphy of the productive oil and gas formations in southwestern Ontario
PERSONNEL:	B.V. Sanford
DATE OF BEGINNING:	1951
DATE OF COMPLETION: Field work:	continuing

Field work:continuingPrelim. pubs:---Final pubs:---

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

PROJECT:

None; data required for office files from which are drawn information used for O.P. 12 (drift thickness and bedrock topography of southern Ontario), O.P. 25 (oil and gas fields of southwestern Ontario), revision of other reports in this area, and other purposes.

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PROJECT: G.S. 51-34. Revision of Amos map-area. Also includes G.S. 48-16 (LaMotte and Rouyn) and G.S. 49-33 (Kinojevis)

#### LOCATION: Que.

OBJECTIVE: To revise the Amos map in the light of more recent work.

PERSONNEL: A.S. MacLaren

DATE OF BEGINNING: 1951

DATE OF

 COMPLI	<b>TION:</b>					
Field	work:	(no	field	work	1952-54);	1955
Prelin.	pubs:	6				
Final	pubs:	(?)				

PUBLICATIONS:

None

PUBLICATIONS OUTSTANDING:

Final map of Amos area to be prepared. Final disposition of data G.S. 48-16 and G.S. 49-33 subject to further consideration. RG

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PROJECT: G.S. 51-41. Ground water, Montreal area Transferred to G.S. 55-22

LOCATION: Que.; parts of 31 H/5, H/12

OBJECTIVE:

Ground-water survey

PERSONNEL: J.J.L. Tremblay, R.A. Freeze, E.I.K. pollitt (1951-59)

DATE OF BEGINNING: 1951

DATE OF COMPLETION: Field work: 1953, 1961 Prelim. pubs: 1962 Final pubs: 1963

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary map or bulletin as work merits. Publications combined with 55-22

Transferred

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PROJÈCT:	G.S. 52-9. Beaverlodge area
LOCATION:	Sask.; part of 74 N E2
OBJECTIVE:	Detailed mapping, with special reference to radioactive mineral deposits
PERSONNEL:	L.P. Tremblay
DATE OF BEGINNING: DATE OF	1952
COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1954, 1955, 1956, 1957, 1958 1961
PUBLICATIONS:	Papers 54-15, 55-28 Maps 18-1956, 25-1957, 12-1958
PUBLICATIONS OUTSTANDING:	Final map or maps (on a scale of 1 inch to 1,000 or 2,000 feet) and memoir

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PROJECT:	G.S. 52-16. Preissac-Lacorne batholith
LOCATION:	Que.; parts of 32 C/5, D/8
OBJECTIVE:	Detailed mapping with special emphasis on the mode of emplacement of the Preissac- Lacorne batholith
PERSONNEL:	K.R. Dawson
DATE OF BEGINNING: DATE OF	1952
COMPLETION: Field work: Prelim. pubs: Final pubs:	1952 1953, 1958 1960
PUBLICATIONS:	Paper 53-4 Canadian Mineralogist, vol. 6, pt. 2, 1958 Jour Petrology 1961
PUBLICATIONS OUTSTANDING:	Memoir submitted Paper on distribution of the major elements

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OUTSTANDING:

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PROJECT:	G.S. 52-17. Thompson Lake map-area. See also G.S. 50-27 Griffis Lake
LOCATION:	Que.; 23 0/8
OBJECTIVE:	1-mile mapping
PERSONNEL:	M.J. Frarey
DATE OF BEGINNING: DATE OF	1952
COMPLETION:	1953 1961 (?) 1962
PUBLICATIONS:	None
PUBLICATIONS	

Preliminary and final maps; memoir to be decided

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PROJECT:	G.S. 52-18. Kasheshibaw map-area, east half
LOCATION:	Nfld. Lebrador; 13 L Eg
OBJECTIVE:	4-mile mapping
PERSONNEL:	S.M. Roscoe
DATE OF BEGINNING:	1952
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1952 1953 1962
PUBLICATIONS:	Paper 53-14
PUBLICATIONS OUTSTANDING:	Final map and report

PROJECT:	G.S. 52-21. St. Georges area
LOCATION:	Nfld.; 12 B
OBJECTIVE:	4-mile mapping
PERSONNEL:	G.C. Riley (1953), F.Q. Barnes (1952-53)
DATE OF BEGINNING:	1952
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957
PUBLICATIONS:	Map 2-1957 Memoir 323 in press
PUBLICATIONS OUTSTANDING:	None

Completed

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G.S. 52-22. Brandon and Virden areas (redefined

1100 201 0	to include G.S. 46-17, G.S. 53-13)
LOCATION:	Man.; 62 F and G
OBJECTIVE:	4-mile mapping of surficial formations
PERSONNEL:	J.A. Elson (resigned)
DATE OF BEGINNING: DATE OF COMPLETION:	1952
Prelim. pubs:	1955 1955 1961
PUBLICATIONS:	Paper 55-19 Map 1067 A

PUBLICATIONS OUTSTANDING: Final maps and memoir

PROJECT:

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G.S. 52-24. Beiseker and Drumheller map-areas PROJECT: (redefined to include G.S. 51-31) Alta.; 82 P LOCATION: OBJECTIVE: 4-mile mapping of surficial formations PERSONNEL: A. MacS. Stalker and B.G. Craig DATE OF BEGINNING: 1951 DATE OF COMPLETION: Field work: 1954 Prelim. pubs: 1955, 1957 Final pubs: 1962 Paper 55-7 PUBLICATIONS: Map 13-1957

PUBLICATIONS OUTSTANDING:

Final map and memoir to include G.S. 51-31

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PROJECT:	G.S. 53-5. Lead ores of the Mayo Mining Camp
LOCATION:	Yukon
OBJECTIVE:	Investigation of the nature, geochemistry, origin, and mode of the formation of the silver-lead ores
PERSONNEL:	R.W. Boyle
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1954 1954-57 1961
PUBLICATIONS:	Papers 54-18, 55-30, 57-1, and map 4-1957 Bulletins 32, 36, 39
PUBLICATIONS OUTSTANDING:	Memoir submitted May 1961

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PROJECT:	G.S. 53-6. Reconnaissance across Selwyn and Mackenzie Mountains
LOCATION:	Yukon and Mackenzie; north-northeasterly from Watson Lake
OBJECTIVE:	Reconnaissance mapping
PERSONNEL:	E.F. Roots
DATE OF BEGINNING:	1953
DATE OF COMPLETION:	
Field work:	1953
Prelim. pubs:	?
Final pubs:	80 <b>0</b>
PUBLICATIONS:	None

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PUBLICATIONS					
OUTSTANDING:	Paper	Series	maps	and	reports

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PROJECT:	G.S. 53-7. Coquitlam map-area
LOCATION:	B.C.; 92 G E
OBJECTIVE:	4-mile mapping and investigation of the helicopter technique for geological map- ping in mountainous terrain
PERSONNEL:	J.A. Roddick
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1955 1956 1962
PUBLICATIONS:	Map 8-1956
PUBLICATIONS OUTSTANDING:	Final map and memoir

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G.S. 53-8. Lardeau map-area

LOCATION:	B.C.; 82 K B2
OBJECTIVE:	4-mile mapping
PERSONNEL:	J.E. Reesor
DATE OF BEGINNING: DATE OF	1953
COMPLETION: Field work:	1057
Prelim. pubs:	1957 1953, 1957
Final pubs: PUBLICATIONS:	1962 (?) Paper 53-34 Map 12-1957

PUBLICATIONS OUTSTANDING:

PROJECT:

Final map and memoir

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G.S. 53-9. Canal Flats map-area

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OBJECTIVE:	1-mile mapping
PERSONNEL:	G.B. Leech (1953, 1955-56)
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1956 1954, 1958 1962
PUBLICATIONS:	Paper 54-7 Map 24-1958

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PUBLICATIONS OUTSTANDING:

PROJECT:

LOCATION:

Final map and memoir

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G.S. 53-10. Terrace map-area, redefined to include G.S. 53-11

LOCATION:	B.C.; 103 I B2
OBJECTIVE:	4-mile mapping with special emphasis on the granitic rocks
PERSONNEL:	S. Duffell, J.G. Souther
DATE OF BEGINNING:	1953

DATE OF COMPLETION: Field work: 1954 Prelim, pubs: 1956 Final pubs: 1961

PUBLICATIONS: Map 11-1956 Final map and memoir forwarded

PUBLICATIONS OUTSTANDING:

PROJECT:

Completed

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PROJECT: G.S. 53-12. Mapping of four and a half 1-mile map-areas

LOCATION: Alta.; 83 C/8, 9, 10 E, 15, and 83 F/2

OBJECTIVE: 1-mile mapping with special emphasis on possible accumulations of oil and gas; in part revision of earlier work.

PERSONNEL: R.J.W. Douglas

DATE OF BEGINNING: 1953

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### DATE OF

COMPTI	STION:		
Field	work:	1954	
Prelim.	pubs:	1955,	1958
Final	pubs:	1962	

PUBLICATIONS: Papers 55-34, 55-39, 58-3 Map 6-1958

PUBLICATIONS OUTSTANDING:

Two preliminary maps and final map and memoir or bulletin

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PROJECT:	G.S. 53-14. Geological study of the lithium- beryllium pegmatites of Canada
LOCATION:	Canada; mainly Man., Ont., and Que.
OBJECTIVE:	Investigation of the distribution, nature, age, and origin of the pegmatites and of the concen- trations of lithium and beryllium minerals of possible economic importance contained in them
PERSONNEL:	R. Mulligan and R.B. Rowe (resigned)
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1954, 1955, 1957, 1960 1961 (?)
PUBLICATIONS:	Papers 54-5, 55-26, 57-3, 60-21
PUBLICATIONS OUTSTANDING:	Economic Geology Report - Lithium Deposits of Canada, submitted Economic Geology Report - Beryllium Deposits of Canada

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PROJECT:	G.S. 53-24. Coldstream map-area. Also final publications from G.S. 50-29 and G.S. 51-39.
LOCATION:	N.B.; 21 J/6
OBJECTIVE:	1-mile mapping
PERSONNEL:	F.D. Anderson
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1955 1955 1962
PUBLICATIONS:	<b>Paper 55-29</b>
PUBLICATIONS OUTSTANDING:	Final map, and memoir, to include G.S. 50-29 (Millville) and G.S. 51-39 (Woodstock)

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PROJECT: G.S. 53-25. Tetagouche Lakes map-area. Final publications of G.S. 49-7 and 51-37

LOCATION:

#### N.B.; 21 0/9

OBJECTIVE:

1-mile mapping

PERSONNEL:

R. Skinner

DATE OF BEGINNING: 1953

DATE OF COMPLETION: Field work: 1954 Prelim. pubs: 1955 Final pubs: 1962

PUBLICATIONS: Paper 55-32

PUBLICATIONS OUTSTANDING:

Final map and notes; a memoir to include G.S. 49-7 (Nepisiquit Falls) and G.S. 51-37 (Bathurst)

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PROJECT:

G.S. 53-26. Lower Palaeozoic of Appalachian

Region LOCATION: N.B. Strat. pal. study of the Silurian and Devonian OBJECTIVE: **Commetions** PERSONNEL: L.M. Cumming (No field work 1955) DATE OF BEGINNING: 1953 DATE OF COMPLETION: Field work: Continuing Prelim. pubs: -Final pubs: 1959 PUBLICATIONS: Memoir 304

PUBLICATIONS OUTSTANDING: See 0.P. 252 for reports

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PROJECT:

G.S. 53-30. Prince Edward Island

P.E.I.; parts of 11/L and 21 I LOCATION: OBJECTIVE: 1-mile mapping of surficial and bedrock formations V.K. Prest (1953-54), C.H. Crowl (1953, 1957, PERSONNEL: 1958-60), L. Frankel (1956-57, 1959-60) DATE OF BEGINNING: 1953 DATE OF COMPLETION: Field work: 1954 (Prest), 1960 (Crowl), 1961 (Frankel) 1960 Prelim. pubs: (?) Final pubs: PUBLICATIONS: Maps 33-60; 36-60; 37-60 PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports by each worker

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G.S. 53-31. Twillingate map-area

LOCATION:	Nfld.; 2 E/10
OBJECT.IVE:	1-mile mapping
PERSONNEL:	T.O.H. Patrick (resigned)
DATE OF BEGINNING: DATE OF	1953
COMPLETION: Field work: Prelim. pubs:	1955 (?) (?)
PUBLICATIONS:	None

PROJECT:

PUBLICATIONS OUTSTANDING: Preliminary and final maps and notes. It is hoped that a map will be submitted.

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G.S. 53-37. Ecology of the Champlain Sea

LOCATION:	Onto and Queo; 31 F, G, H in part
OBJECTIVE:	An ecological study of the faunas of the Champlain Sea deposits
PERSONNEL:	Miss F.J.E. Wagner

DATE OF	
BEGINNING:	1953

PROJECT:

DATE OF		
COMPI	ETION:	
Field	work:	1956
Prelim.	pubs:	-
Final	pubs:	(?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Probably a bulletin

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PROJECT:	G.S. 53-39. St. John River valley Edmundston to Fredericton. Includes G.S. 50-30 and G.S. 51-38.
LOCATION:	N.B.; mostly in 21 N.E.
OBJECTIVE:	1-mile mapping of surficial formations
PERSONNEL:	H.A. Lee
DATE OF BEGINNING:	1953
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1959 1962
PUBLICATIONS:	Paper 56-2 and Maps 2-1956, 24-1959, 34-1959
PUBLICATIONS OUTSTANDING:	Bulletin and 4-mile map of entire area. Topical report submitted May 26, 1961. Paper and 4 maps (possibly final) submitted March 3, 1961.

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PROJECT:	G.S. 54-2. West-half, Hill Island Lake map-area (See G.S. 54-4)
LOCATION:	District of Mackenzie; 75 C W2
OBJECTIVE:	4-mile mapping
PERSONNEL:	R. Mulligan
DATE OF BEGINNING:	1954
DATE OF COMPLETION:	
Field work:	1954
Prelim. pubs:	
Final pubs:	1962
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Final map and notes to be combined with G.S. 54-4 (Hill Island Lake Eg)

PROJECT:	G.S. 54-4. East half, Hill Island map-area. (See G.S. 54-2)
LOCATION:	District of Mackenzie; 75 C Eg
OBJECTIVE:	4-mile mapping
PERSONNEL:	F.C. Taylor
DATE OF BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs: PUBLICATIONS:	1954 1955 1962 Paper 55-16. Incorporated in 0.P. 8 (Mackenzie District compilation)
PUBLICATIONS OUTSTANDING:	Final map and notes to be combined with

Final map and notes to be combined with G.S. 54-2 (Hill Island Lake  $W_{S}^{1}$ )

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PROJECT:

G.S. 54-6. Northern Baffin Island

LOCATION: District of Franklin; shores of Pond Inlet Eclipse Sound, Milne Inlet, and Navy Board Inlet

OBJECTIVE: 8-mile mapping with special emphasis on coal measures and seams near Pond Inlet

PERSONNEL: W.L. Davison

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1954 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary map (1 inch to 8 miles) and notes submitted

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PROJECT :	G.S. 54-12. Tertiary floras of Southern British Columbia
LOCATION:	B.C.; Fraser Valley between Flood and Gulf of Georgia
OBJECTIVE:	Study of Early Tertiary floras
PERSONNEL:	W.L. Fry
DATE OF BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1962
PUBLICATIONS:	None

PUBLICATIONS	
OUTSTANDING:	Bulletin

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PROJECT: U.S. Squill. Tertifory Lorus of Sections Statist

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PROJECT:	G.S.	54-13.	Ground	water	of	Lower	Fraser	Valley	

LOCATION: B.C.; Parts of 92 G, H

OBJECTIVE: Ground\_water survey

PERSONNEL: E.C. Halstead

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1957 Prelim. pubs: --Final pubs: 1962

PUBLICATIONS: W.S.P. 322, 327, 328

PUBLICATIONS OUTSTANDING: Preliminary reports. Final results may be combined with 59-8 as a bulletin or memoir if data warrants.

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PROJECT: G.S. 54-20. Carboniferous stratigraphy in the central Foothills.

LOCATION:

Alta.; central Foothills between Nordegg and Banff

OBJECTIVE: To obtain data relative to the detailed correlation of the strata, their lateral variations, their potentialities as possible sources of petroleum and natural gas, and their suitability as reservoir rocks for these fuels

PERSONNEL: W.B. Brady (resigned)

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1955 Prelim. pubs: --Final pubs: 1961 (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Bulletin, Central Foothills, thesis, submitted

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PROJECT: G.S. 54-23. Thluicho Lake map-area. Includes final publications from G.S. 51-12 (Black Bay)

LOCATION: Sask.; 74 N/11

OBJECTIVE: 1-mile mapping

PERSONNEL: W.E. Hale (resigned)

DATE OF BEGINNING: 1952

DATE OF COMPLETION: Field work: 1954 Prelim. pubs: 1954, 1955 Final pubs: (?)

PUBLICATIONS: Papers 54-6, 55-4

PUBLICATIONS OUTSTANDING: Final map and notes on Thluicho Lake, also a memoir to include results of G.S. 51-12 (Black Bay)

Inactive

PROJECT :	G.S.	54-25.	Milliken	Lake	map-area	

LOCATION: Sask.; 74 N/7

OBJECTIVE: Detailed mapping with special reference to radioactive mineral deposits

PERSONNEL: C.K. Bell

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: Map 38-1959

PUBLICATIONS OUTSTANDING: Preliminary maps and reports and final maps and memoir

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OBJECTIVAL Detailed asoping will special tolerant to relleastive thermal decedual

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PROJECT:	G.S.	54-27.	Ledge	Lake	map-area	

LOCATION: Man. and Sask.; part of 63 K/12

OBJECTIVE: Detailed mapping, with special references to sinc and copper deposits

PERSONNEL: W.W. Heywood

DATE OF BEGINNING: 1954

DATE OF

COMPLE	TION:	
Field	work:	1956
Prelim.	pubs:	1957
Final	pubs:	1962

PUBLICATIONS: Map 24-1957

PUBLICATIONS OUTSTANDING: Final map and memoir

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PROJECT: 0.2. St. 7. Ledge Laint ang-an-th

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OBJECTIVE: A CONTRACT DEPARTMENT OF A CONTRACT OF A CON

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PROJECT:	G.S. 54-29.	Manitoulin Island,	St.	Joseph Island
	and Sault St	e. Marie area		

LOCATION: Ont.; Parts of 41 G, H, I, J

OBJECTIVE: 4-mile mapping, with particular reference to the possible occurrence of oil and natural gas

PERSONNEL: B.A. Liberty

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1957 Prelim. pubs: 1957 Final pubs: 1962

PUBLICATIONS: Map 20-1957

PUBLICATIONS OUTSTANDING: Final map and memoir

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PROJECT: G.S. 54-30. Radioactive deposits between Sault Ste. Marie and Cobalt, including Blind River camp (See also 0.P.'s)

LOCATION: Ontario

OBJECTIVE: Detailed mapping with particular reference to those deposits associated with conglomerate and other sedimentary strata; accumulation of data required for the inventory of Canadian uranium deposits

PERSONNEL: S.M. Roscoe (1954-57), P.J. Peinaar (1957) thesis project

DATE OF BEGINNING: 1954

DATE OF

- COMPLETION: Field work: 1957 Prelim. pubs: 1955, 1956 Final pubs: 1960 (?)
- PUBLICATIONS: Paper 56-7 Topical Report 4 Various outside papers Bulletin 83 (Peinaar) in press

PUBLICATIONS OUTSTANDING:

Memoir by Roscoe

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PROJECT: D.S. 25-29, Epiliens the Annual of Definition State State Marite and Oxfolis, Antholis, Willow Silver tens Game Ville D.S. 5.1

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PROJECT:	G.S. 54-31.	Bancroft-Wilberforce	radioactive	deposits
LOCATION:	Ont.; parts	of 31 S.E. <sup>1</sup>		

To make a study of the mineralogy of the radioactive **OBJECTIVE:** mineral deposits with a view to obtaining a better understanding of the mode of occurrence and thereby providing data useful in the search for new deposits.

PERSONNEL: S.C. Robinson

- DATE OF BEGINNING: 1954
- DATE OF

COMPLI	ETION:	
Field	work:	1956
Prelim.	pubs:	
Final	pubs:	

PUBLICATIONS: Papers in scientific journals, on uraninite and thorianite (1955), on uranothorite (1957), on all uranium deposits (with Hewitt) in 2nd International Congress at Geneva, 1958, on economic deposits at A.I.M.E. (1959) published in Can. Mineral 1960.

PUBLICATIONS OUTSTANDING: A Bulletin PS

### Inactive

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PROJECT:	G.S. 54-32. Lake Simcoe district
LOCATION:	Ont.; 31 E/6, 11, and $E_2^1$ of 5, 12
OBJECTIVE:	Ground-water survey
PERSONNEL:	R.G. Pearce (for compilation, 1960) E.I.K. Pollitt (before 1960)
DATE OF BEGINNING: DATE OF COMPLETION:	1945
Field work: Prelim. pubs: Final pubs:	1954
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

Project subject to revision

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PROJECT:	G.S. 54-34. Negative magnetic anomalies in	
	southern Ontario and Quebec	

LOCATION: Ont.; 31 D/15, and Que. 31 H/7

OBJECTIVE: Investigation of the character, origin, structure, and possible economic value of the rocks causing negative magnetic anomalies and reason for negative polarization

PERSONNEL: A. Larochelle

- DATE OF BEGINNING: 1954
- DATE OF COMPLETION: Field work: 1954, laboratory study underway Prelim. pubs: --Final pubs: 1960
- PUBLICATIONS: Bulletin 79, in press

PUBLICATIONS OUTSTANDING:

None

Completed

PROJECT: G.S. 54-39. West half, Cambrian Lake map-areas; redefined to include G.S. 53-21 (East half, Cambrian Lake)

LOCATION: Que.; 24 C

OBJECTIVE: 4-mile mapping. Special emphasis on Trough rocks

PERSONNEL:

S.M. Roscoe (1953), W.F. Fahrig (1954)

- DATE OF BEGINNING: 1954
- DATE OF COMPLETION: Field work: 1954 Prelim. pubs: 1955, 1957 Final pubs: (?)
- PUBLICATIONS: Paper 55-42, 57-6 Map 18-1957

 PUBLICATIONS

 OUTSTANDING:
 Final map and notes forwarded to S.M. Roscoe for inclusion with G.S. 53-21

Completed

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PROJECT: G.S. 54-40. Lac Herodier map-area. Includes G.S. 53-20 by transfer

LOCATION: Que.; 24 F

OBJECTIVE: 4-mile mapping. Special emphasis on Trough rocks

PERSONNEL: W.F. Fahrig

DATE OF BEGINNING: 1954

DATE OF COMPLETION: Field work: 1954 Prelim. pubs: 1955

Final pubs: (?)

PUBLICATIONS: Papers 55-1, 55-37 Final map forwarded for publication

PUBLICATIONS OUTSTANDING:

Completed

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G.S. 54-42. Ahr Lake map-area

LOCATION:	Que. 23 0/10
OBJECTIVE:	1-mile mapping. Thesis project
PERSONNEL:	W.R.A. Baragar
DATE OF	
BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957
PUBLICATIONS:	Paper 57-7 Map 21-1957

PROJECT:

PUBLICATIONS OUTSTANDING: Final map and notes, included in G.S. 58-27 memoir

Transferred to G.S. 58-27

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G.S. 54-43. Bathurst district

- LOCATION: N.B.; part of 21 P/12
  OBJECTIVE: Detailed mapping with emphasis on sulphide deposits
  PERSONNEL: C.H. Stockwell (1955); I.C. Brown (1954); R.W. Boyle
  (1961)
  DATE OF
  BEGINNING: 1954
- DATE OF COMPLETION: Field work: continuing project Prelim. pubs: --Final pubs: 1961 (?)
- PUBLICATIONS: None

PROJECT :

PUBLICATIONS OUTSTANDING: Final report ?

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PROJECT:

LOCATION:

G.S. 54-44. Cape Breton Highlands National Park,

N.S.; 11 K/9, 11 K/10, 11 K/15, 11 K/16, 11 N/1,

OBJECTIVE:	1-mile mapping, also to assess the mineral potentialities of the Park
PERSONNEL:	E.R.W. Neale
DATE OF BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1955 1954, 1955 1961

PUBLICATIONS: Papers 54-13, 55-22, 55-23, and 55-24 Map - Pleasant Bay, N.S.

PUBLICATIONS OUTSTANDING: Six final maps and notes

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PROJECT:	G.S. 54-48. Red Indian Lake map-area
LOCATION:	Nfld. 12 A W2
OBJECTIVE:	4-mile mapping
PERSONNEL:	G.C. Riley (resigned)
DATE OF BEGINNING: DATE OF	19 <i>5</i> 4
COMPLETION: Field work: Prelim. pubs: Final pubs:	1955 1957 1962
PUBLICATIONS:	Map 8-1957
PUBLICATIONS OUTSTANDING:	Final map and notes

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Nfld.; Notre Dame Bay district

G.S. 54-49. Silurian of Notre Dame Bay

OBJECTIVE:	Strat. pal. study of Silurian and Ordovician formations
PERSONNEL:	L.M. Cumming
DATE OF BEGINNING:	1954
DATE OF	

COMPLETION: Field work: 1954 Prelim. pubs: --Final pubs: (?)

PROJECT:

LOCATION:

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin

Inactive

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PROJECT:	G.S. 54-50. Rencontre map-area
LOCATION:	Nfld.; parts of 1 M/11, 1 M/14
OBJECTIVE:	1-mile mapping. In part a revision previous work
PERSONNEL:	B.L. Smith
DATE OF BEGINNING: DATE OF	1954
COMPLETION: Field work:	1954
Prelim. pubs: Final pubs:	(?)
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Final maps and notes submitted, not accepted for publication

## Transfer to 60-32 (F.D. Anderson)

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PROJECT:	G.S. 54-51. Central District of Keewatin
LOCATION:	District of Keewatin. West of Hudson Bay to long. 102°, approximately between lat. 63° and 65°30'
OBJECTIVE:	Reconnaissance mapping of surficial formations
PERSONNEL:	J.G. Fyles, attached to Operation Baker (G.S. 54-1)
DATE OF BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1954 1955, 1960 (?)
PUBLICATIONS:	Preliminary map with Paper 55-17 Paper 60-10 incorporates some of the results
PUBLICATIONS OUTSTANDING:	Final map and report. Also contribution to chapter in Memoir on G.S. 55-1

## Andrew M. 2010 March 1990 Roberts

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- PROJECT: G.S. 55-1. Eastern District of Mackenzie (Operation Thelon). Also final publication dealing with bedrock geology from G.S. 52-2 (Operation Keewatin) and G.S. 54-1 (Operation Baker). See also G.S. 54-51.
- LOCATION: N.W.T.; District of Mackenzie. Between long. 102° and the 108th meridian, and from operational treeline to the 66th parallel. Parts of 65, 66, 75 and 76
- OBJECTIVE: 8-mile mapping (helicopter), with special attention to glacial phenomena, overburden, and various other features that may affect the economic construction, trafficability, air photo interpretation, etc.
- PERSONNEL: G.M. Wright (in charge), J.W. Hoadley, J.A. Fraser, B.G. Craig, and K.E. Eade

DATE OF BEGINNING: 1955

### DATE OF

COMPLETION:	
Field work:	1955
Prelim. pubs:	1953, 1955, 1956
Final pubs:	1961 (?)

PUBLICATIONS: Papers 53-22, 55-17, 56-10 Map 17-1956

PUBLICATIONS OUTSTANDING:

NDING: Map on 1 inch to 6 miles to include G.S. 52-2 (Operation Keewatin), G.S. 54-1 (Operation Baker), also memoir and/or bulletin

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PROJECT:	G.S.	55-2.	Snowbird	Lake	area	

LOCATION: District of Mackenzie; 65 D

OBJECTIVE: 4-mile mapping. Areas showing magnetic anomalies to be investigated

PERSONNEL: F.C. Taylor

DATE OF BEGINNING: 1955

DATE OF COMPLETION: Field work: 1955 Prelim. pubs: 1956 Final pubs: 1961 (?)

PUBLICATIONS: Map 7-1956. Also incorporated in O.P. 8

PUBLICATIONS OUTSTANDING: Final map and memoir submitted

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PROJECT:	G.S. 55-3. Tumi Lake map-area
LOCATION:	N.W.T., District of Mackenzie; 85 N/7
OBJECTIVE:	1-mile mapping with special emphasis on mineral deposits

PERSONNEL: J.C. McGlynn

DATE OF BEGINNING:	1955
DATE OF COMPLETION:	
Field work: Prelim. pubs: Final pubs:	1956 1956 1961 (?)

PUBLICATIONS:	Paper 56-4
	Map 9-1956

PUBLICATIONS OUTSTANDING: Final map and report

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PROJECT: G.S. 55-4. Cretaceous and Jurassic of northeastern Richardson Mountains.

LOCATION: Mackenzie and Yukon; between Road, Porcupine, and Babbage rivers.

OBJECTIVE: Strat. pal. study of Cretaceous and uppermost Jurassic formations

PERSONNEL: J.A. Jeletzky

DATE OF BEGINNING: 1955

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1958 Final pubs: 1961 or 1962

PUBLICATIONS: Papers 58-2, 59-14, 61-9; Abstract of paper published in G.S.A. Bulletin in 1958.

PUBLICATIONS OUTSTANDING: Final reports

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G.S. 55-5. Operation Franklin

PROJECT:

LOCATION:	District of Franklin; 49, 59, 69, 79, and parts of 340, 560, 48, 58, 68, 78, 88, 89
OBJECTIVE:	Reconnaissance mapping with special attention to surficial formations; glacial phenomena; extent of recent marine submergence; physiography; state of sea ice; and to features that may affect the economic
	development of the area.
PERSONNEL:	Y.O. Fortier (in charge), R.G. Blackadar, B.F. Glenister, H.R. Greiner, D.J. McLaren, N.J. McMillan, A.W. Norris, E.F. Roots, J.G. Souther, E.T. Tozer, and R. Thorsteinsson
DATE OF BEGINNING:	1955
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1955 1957-1959 1960, 1961, etc.
PUBLICATIONS:	Preliminary report included in Economic Geology Series No. 1, 1957 Maps 14-1959, 18-1959, 19-1959, 20-1959, 21-1959, 36-1959 Memoir 320 Final maps
PUBLICATIONS OUTSTANDING:	Bull. (Blackadar) submitted November 1960 Various Bulletins

## (Fail Project)

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LOCATION

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PROJECT:	G.S. 55-9. McQuesten Lakes map-area
LOCATION:	Yukon; 106 D/3
OBJECTIVE:	1-mile mapping
PERSONNEL:	L.H. Green (1955, 1957)
DATE OF BEGINNING: DATE OF	1955
COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1955, 1956 1960
PUBLICATIONS:	Paper 55-12, 58-4 Final map, Keno Hill Map 5-1956, 8-1958, 9-1958
PUBLICATIONS OUTSTANDING:	Final maps and memoir submitted and include G.S. 52-5, G.S. 54-9

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PROJECT:	G.S. 55-11. Jurassic of Canada (redefined to include all Canada)
LOCATION:	Canada
OBJECTIVE:	Strat. pal. study of Jurassic formations
PERSONNEL:	H. Frebold
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	<pre>continuing (?) (?)</pre>
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	None. Publications prepared under individual office projects.

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PROJECT:	G.S. 55-12. Charlie Lake map-area
LOCATION:	B.C.; 94 A
OBJECTIVE:	4-mile mapping with special emphasis on oil and gas potentialities
PERSONNEL:	E.J.W. Irish
DATE OF BEGINNING:	1955
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1958 (?)

Map 17-1958 PUBLICATIONS:

PUBLICATIONS OUTSTANDING: Final map and report

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G.S. 55-13. Upper Cretaceous Alberta Group

PROJECT:

LOCATION:	Alta.; Foothills between Smoky River and Red Deer River				
OBJECTIVE:	Strat. pal. study with special emphasis on the Upper Cretaceous strata as possible sources of petroleum and natural gas, and as reservoir rocks for these fuels				
PERSONNEL:	D.F. Stott				
DATE OF BEGINNING:	1955				
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1956 1956 1961				
PUBLICATIONS:	Memoir 317 Paper 56-1 Bound copy of thesis received May 1958 Paper 61-2 submitted				
PUBLICATIONS OUTSTANDING:	None				

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PROJECT:

G.S. 55-14. Livingstone map-area

LOCATION:	Alta.; 82 J/1 $W_2^1$
OBJECTIVE:	1-mile mapping with special emphasis on oil and gas potentialities
PERSONNEL:	D.K. Norris
DATE OF BEGINNING:	1955
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1956, 1957
PUBLICATIONS:	Maps 4-1956, 11-1957, 5-1958 Paper 57-4
PUBLICATIONS OUTSTANDING:	Final map and report

PROJECT: G.S. 5	55-15.	Split	Lake	map-area
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LOCATION: Man.; 64 A

OBJECTIVE: 4-mile mapping

PERSONNEL: R. Mulligan

DATE OF BEGINNING: 1955

DATE OF COMPLETION: Field work: 1955 Prelim. pubs: 1956 Final pubs: (?)

PUBLICATIONS: Map 10-1956

PUBLICATIONS OUTSTANDING: Final map and report awaiting adequate base map

PROJECT: G.S. 55-17. Irequois Falls and Smooth Rock map-areas (redefined to include G.S. 54-28)

LOCATION: Ont.; 42 A E2, 42 H SW2

OBJECTIVE: 4-mile mapping of surficial formations with special reference to the deposits of the Cochrane ice advance and its implications as to Wisconsin chronology

PERSONNEL: 0.L. Hughes

- DATE OF BEGINNING: 1955
- DATE OF COMPLETION: Field work: 1956 Prelim. pubs: 1955, 1959, 1960 Final pubs:
- PUBLICATIONS: Paper 55-41 Maps 46-1959, 1-1960

PUBLICATIONS OUTSTANDING:

Final maps and report to be decided Topical Report submitted March 23, 1961

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G.S. 55-18. Upton, Three Rivers, Yamaska, Aston, PROJECT: and Becancour map-areas (redefined to include G.S. 50-25, G.S. 53-18, G.S. 54-35, G.S. 54-36, G.S. 55-21) Que.; 31 H/15, I/7, I/2, I/1, I/8, I/9 LOCATION: **OBJECTIVE:** 1-mile mapping of surficial formations with special attention to ground-water supply PERSONNEL: N.R. Gadd, P.F. Karrow DATE OF BEGINNING: 1950 DATE OF COMPLETION: Field work: 1956 Prelim. pubs: 1959, 1960 Final pubs: 1961 PUBLICATIONS: Paper 59-8 Maps 41-1959, 42-1959, 43-1959, 50-1959, 54-1959, 15-1960 PUBLICATIONS OUTSTANDING: Final map (1 inch to 2 miles) and memoir

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PROJECT:	G.S. 55-19. Ordovician of southern Quebec
LOCATION:	Que.; near Perce, between St. Joachim and Cap a
	l'Aigle, and near Chicoutimi and Roberval
OBJECTIVE:	Strat. pal. study with special emphasis on obtaining material for comparison with Arctic collections; the horizon of the Billings- Richardson collections; and the relationships of the Middle Ordovician to the Upper Ordovician

PERSONNEL: G.W. Sinclair

## DATE OF BEGINNING: 1955

### DATE OF COMPLETION: Field work: 1956 Prelim. pubs: --Final pubs: (?)

PUBLICATIONS: None

#### PUBLICATIONS OUTSTANDING:

Bulletin and/or outside publications

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PROJECT: G.S. 55-20. Relations of bedrock geology to aeromagnetic anomalies

LOCATION: Canada

- OBJECTIVE: To enhance ability to make geological interpretations of aeromagnetic maps; to explain aeromagnetic anomalies; and to associate and correlate aeromagnetic anomalies with economic geology
- PERSONNEL: A.S. MacLaren and A. Larochelle, 1955-57; A.S. MacLaren, 1959

DATE OF BEGINNING: 1955

# DATE OF

COMPL	ETION:	
Field	work:	continuing
Prelim.	pubs:	1958
Final	pubs:	19623

PUBLICATIONS: "Geologic Aeromagnetic Correlation in Eastern Townships", Que., C.M.J. July 1958

PUBLICATIONS OUTSTANDING: Bulletin on parts of Grenville province Further publications as results merit

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G.S. 55-21. Grondines map-area (transferred to G.S. 55-18)

LOCATION:	Que.; 31 I/9
OBJECTIVE:	1-mile mapping of surficial formations
PERSONNEL:	P.F. Karrow
DATE OF BEGINNING: DATE OF	1955
COMPLETION: Field work: Prelim. pubs: Final pubs:	1956 1959
PUBLICATIONS:	Map 41-59

PUBLICATIONS OUTSTANDING:

PROJECT:

None

Transferred

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PROJECT:	G.S. 55-22 (redefined to include G.S. 51-41) Ground water, Montreal region
LOCATION:	Que.; parts of 31 H/5, H/6, and H/12
OBJECTIVE:	Ground-water survey
PERSONNEL:	J.J.L. Tremblay, R.A. Freeze, E.I.K. Pollitt (prior to 1960)
DATE OF BEGINNING:	1951
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) (?)
PUBLICATIONS:	None
PUBLICATIONS	

Preliminary map or bulletin as work merits.

OUTSTANDING:

CLIPT: G.L. Static (recolling) to (malade G.S. Static) Ground waves, Ecotomic device;

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PROJECT:

OUTSTANDING:

G.S. 55-23. California Lake map-area

LOCATION:	N.B.; 21 0/8
OBJECTIVE:	1-mile mapping
PERSONNEL:	C.H. Smith
DATE OF BEGINNING: DATE OF COMPLETION:	1955
Field work: Prelim. pubs:	1957 1962
PUBLICATIONS:	Work included as part of Map 1-1957
PUBLICATIONS	

Final maps and notes

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PROJECT:	G.S. 55-25. Whycocomagh map-area (redefined to include G.S. 52-20. Baddock)
LOCATION:	N.S.; 11 F/14, 11 K/2
OBJECTIVE:	1-mile mapping
PERSONNEL:	D.G. Kelley
DATE OF BEGINNING: DATE OF COMPLETION:	1955
Field work:	1956 1956, 1957 1962
PUBLICATIONS:	Map 14-1956, 17-1957

OUTSTANDING: Final map and memoir to include G.S. 52-20

PUBLICATIONS

### 100000 - 10 10000 (C. 2000) (1100 Project)

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PROJECT:	G.S. 55-27.	Western	Avalon	Peninsula	(redefined
	to include G.	S. 51-9,	G.S.	53-33, G.S.	54-47)

LOCATION: Nfld.; 1 NW 1/2

- OBJECTIVE: 4-mile mapping, with special efforts to find and outline deposits of gravel suitable for construction purposes
- PERSONNEL: W.D. McCartney, (1955, 1957)

DATE OF BEGINNING: 1955

DATE OF COMPLETION: Field work: 1957 Prelim. pubs: 1958 Final pubs: 1961

PUBLICATIONS: Papers 54-3, 55-11, 58-8 Maps 13-1956, 18-1958

PUBLICATIONS					
OUTSTANDING:	Final	map	and	memoir	submitted

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PROJECT:	G.S. 55-28. Gander Lake (includes G.S. 49-5 Bonavista)
LOCATION:	Nfld.; 2 D E <sup>1</sup> 2
OBJECTIVE:	4-mile mapping
PERSONNEL:	S.E. Jenness
DATE OF BEGINNING:	1955
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	19 <i>5</i> 7 19 <i>5</i> 7 1960
PUBLICATIONS:	Map 3-1957 Final map and memoir forwarded for publication
PUBLICATIONS	

Completed

OUTSTANDING:

None

PROJECT: G.S. 55-29. Eastern District of Mackenzie (See G.S. 55-1)

LOCATION: District of Mackenzie. Between long. 102<sup>o</sup> and the 108th meridian, and from operational treeline to the 66th parallel

OBJECTIVE: Reconnaissance mapping of surficial formations

PERSONNEL: B.G. Craig, attached to Operation Thelon (G.S. 55-1)

DATE OF BEGINNING: 1955

DATE OF COMPLETION: Field work: 1955 Prelim. pubs: 1956 Final pubs:

PUBLICATIONS: Included in paper 56-10 Paper 60-10

PUBLICATIONS OUTSTANDING: Chapter in memoir on G.S. 55-1 Final map and report - see G.S. 60-3

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PROJECT:	G.S.	56-1.	Hardisty	Lake,	West	half

LOCATION: District of Mackenzie; 86 C W2

OBJECTIVE: 4-mile mapping

PERSONNEL: J.A. Fraser and W.L. Davison

DATE OF BEGINNING: 1956

DATE OF

COMPLETION:	
Field work:	1956
Prelim. pubs:	1958
Final pubs:	1961

PUBLICATIONS: Map 2-1958 Final map submitted

PUBLICATIONS OUTSTANDING:

None

Completed

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PROJECT: G.S. 56-3. Fury and Hecla Straits map-area and Foxe Basin North map-area. Redefined to include G.S. 54-7 (Admiralty Inlet)

LOCATION: District of Franklin; lat. 69°30' to 71°30'; long. 76° to 90°; parts of 37, 47, 57

OBJECTIVE: 8-mile mapping

PERSONNEL: R.G. Blackadar

- DATE OF BEGINNING: 1956
- DATE OF COMPLETION: Field work: 1957 Prelim. pubs: 1955, 1958 Final pubs: 1961
- PUBLICATIONS: Paper 55-6 Map 3-1958, 4-1958 Memoir forwarded for publication

PUBLICATIONS OUTSTANDING:

None

Completed

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PROJECT:	G.S. 56-5. Operation Stikine
LOCATION:	B.C.; 104 A, 104 B, 104 G, 104 H, 104 I and 104 J
OBJECTIVE:	4-mile mapping. Also to appraise usefulness of helicopters in future geological surveys in the Cordillera
PERSONNEL:	E.F. Roots, (1956-57), R.L. Christie (1956), H. Gabrielse, (1956-57), L.H. Green (1956), W.D. McCartney (1956), J.A. Roddick (1956), J.G. Souther (1956-57)
DATE OF BEGINNING:	1956
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1957 1963
PUBLICATIONS:	Map 9-1957
PUBLICATIONS OUTSTANDING:	Final maps and memoir

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PROJECT:	G.S. 56-6	. Fernie map-area
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LOCATION: B.C.; 82 G W1

OBJECTIVE: 4-mile mapping

PERSONNEL: G.B. Leech

DATE OF BEGINNING: 1956

- DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1958, 1960 Final pubs: 1962
- PUBLICATIONS: Paper 58-10 Maps 20-1958, 11-1960

PUBLICATIONS OUTSTANDING: Memoir and map

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PROJECT:	G.S. 56-7. Courtenay - Campbell River
LOCATION:	B.C.; 92 F/10, 92 F/11, and 92 F/14
OBJECTIVE:	1-mile mapping of surficial formations with special attention to ground-water supply
PERSONNEL:	J.G. Fyles
DATE OF BEGINNING: DATE OF	1956
COMPLETION:	1958 1959
PUBLICATIONS:	Map 49-1959 (= 92 F/14 only) Map 32-1960
PUBLICATIONS OUTSTANDING:	Final map and report

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PROJECT :	G.S. 56-8. Flathead North map-area, east half
LOCATION:	B.C. and Alta.; 82 G/7 $E_2^1$
OBJECTIVE:	1-mile mapping with special attention to evalu- ating the oil, gas, and coal potentialities of the area. A Ph.D. thesis project
PERSONNEL:	R.A. Price
DATE OF BEGINNING: DATE OF	1956
COMPLETION: Field work: Prelim. pubs: Final pubs:	19 <i>5</i> 7 1959 1961
PUBLICATIONS:	Map 1-1959 Bound copy of doctorate thesis received May 1958
PUBLICATIONS OUTSTANDING:	Final map and report, submitted

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PROJECT:

G.S. 56-9. MacLeod and High River map-areas

LOCATION:	Alta.; 82 H $W_2^1$ , 82 I $W_2^1$
OBJECTIVE:	4-mile mapping of surficial formations
PERSONNEL:	A.M. Stalker
DATE OF BEGINNING: DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958
PUBLICATIONS:	Maps 14-1957, 21-1958

PUBLICATIONS OUTSTANDING: Final map and memoir (possibly to include G.S. 52-24 and 59-15) EG

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PROJECT:	G.S. 56-11. Beehive Mountain (Fording River) map-area
LOCATION:	Alta.; 82 $J/2 E_2^1$
OBJECTIVE:	l-mile mapping
PERSONNEL:	D.K. Norris
DATE OF BEGINNING: DATE OF	1956
COMPLETION: Field work: Prelim. pubs: Final pubs:	1956 1958 1964
PUBLICATIONS:	Paper 58-5 Map 14-1958
PUBLICATIONS OUTSTANDING:	Final map and memoir

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PROJECT:	G.S. 56-14. Island Lake and Oxford House map-areas
LOCATION:	Man.; 53 E, L
OBJECTIVE:	4-mile mapping with a revision of Oxford House map-area
PERSONNEL:	H.A. Quinn (resigned); K.L. Currie (1961) office
DATE OF BEGINNING:	1956
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1956 1960 (?)
PUBLICATIONS:	Map 26-1960 (Island Lake) Map 21-1961 (Oxford House) by Quinn & Currie; forwarded for publication
PUBLICATIONS	News

OUTSTANDING: None

Completed

PROJECT: 56-14. Inland Lake and Cafood House Rep-stream

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PROJECT:	G.S. 56-16. Huronian rocks north of Lake Huron commencing in Echo River map-area
LOCATION:	Ont.; 41 J/12
OBJECTIVE:	1-mile mapping with special emphasis on the Huronian rocks
PERSONNEL:	M.J. Frarey
DATE OF BEGINNING:	1956
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS:	Map 23-1959
PUBLICATIONS OUTSTANDING:	Final map with notes and memoir or bulletin

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LOCATION:	Lower Great	t Lakes to James	Bay

G.S. 56-17. Pleistocene palynology and stratigraphy

OBJECTIVE: To study Pleistocene palynology from samples of bog and lake deposits as an aid in determining the glacial history and correlating glacial deposits

PERSONNEL: J. Terasmae

DATE OF BEGINNING: 1956

PROJECT:

DATE OF	
COMPLETION:	
Field work:	1960
Prelim. pubs:	
Final pubs:	1961-62

PUBLICATIONS: Bulletins 46, 56

PUBLICATIONS OUTSTANDING: A final bulletin EG

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PROJECT:	G.S. 56-19.	Ottawa map-area
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LOCATION: Ont. and Que.; 31 G/5

OBJECTIVE: 1-mile mapping of surficial formations including a drift thickness map of Hull

PERSONNEL: N.R. Gadd

DATE OF BEGINNING: 1956

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: Final pubs:

PUBLICATIONS: Paper 61-19 in press

PUBLICATIONS OUTSTANDING: Preliminary and final maps, and report 5

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PROJECT: G.S. 56-20. Iron Range and west half of the Mount Wright map-area

LOCATION: Southwest Labrador and New Quebec; 23 B W2

OBJECTIVE: 4-mile mapping and study of the developments and geological problems of the Iron Range

PERSONNEL: S. Duffell

DATE OF BEGINNING: 1956

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959 Final pubs: 1962

PUBLICATIONS: Map 6-1959

PUBLICATIONS OUTSTANDING: Final map and memoir

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PROJECT:	G.S. 56-22. Big Bald Mountain map-area
LOCATION:	N.B.; 21 0/1
OBJECTIVE:	1-mile mapping
PERSONNEL:	F.D. Anderson
DATE OF BEGINNING:	1956
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1960 1961 (?)
PUBLICATIONS:	Part of map 1-1957 Map 41-1960

PUBLICATIONS OUTSTANDING:

Final maps with marginal notes or a report

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PROJECT:	G.S. 56-26. Nictaux and Torbrook map-areas
LOCATION:	N.S.; 21 A/14 $E_2^1$ and 21 A/15 $W_2^1$
OBJECTIVE:	1-mile mapping. Satisfactory conclusions are desirable regarding (1) the age of the fossili- ferous iron-bearing beds; (2) the relations of the latter beds to non-fossiliferous beds; (3) whether the non-fossiliferous beds are a part of the Meguma series; and (4) the relationships of the various intrusions to each other and to the sedimentary groups

PERSONNEL: W.G. Smitheringale

DATE OF BEGINNING:	1956
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1960 1961 (?)

PUBLICATIONS:	Map 14-1960
	Paper 60-13

PUBLICATIONS OUTSTANDING:

Transferred to G.S. 58-30 for final map and report

A 정 나타 http://doi.org/10.162.00

PROJECT: G.S. 56-28. Geochemical exploration of Nova Scotia

LOCATION: N.S.; except Cape Breton Island

OBJECTIVE: To explore by geochemical means, and paying particular attention to areas not geologically mapped on a scale of 1 inch to 1 mile, as much of southwestern Nova Scotia as practicable in an effort to locate and outline areas likely to contain valuable deposits of base or other metals.

PERSONNEL: R.H.C. Holman

- DATE OF BEGINNING: 1956
- DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1958, 1959 Final pubs: 1960
- PUBLICATIONS: Paper 58-1 Maps 7-1958, 25-1959, 26-1959, 27-1959, 33-1959

PUBLICATIONS OUTSTANDING:

Final report

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PROJECT: G.S. 56-29. Conception Bay map-area, and other parts of Avalon Peninsula

LOCATION: Nfld.; 1 N, parts of 1 M, 1 K, 1 L

OBJECTIVE: 4-mile mapping of surficial formations

PERSONNEL: E.P. Henderson

DATE OF BEGINNING: 1956

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1959 Final pubs:

PUBLICATIONS: Map 35-1959

PUBLICATIONS OUTSTANDING: Final map and memoir

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PROJECT :	G.S. 57-1. Upper Mackenzie River Basin (Operation Mackenzie) (See also G.S. 57-2.)
LOCATION:	District of Mackenzie; most of 85 and 95
OBJECTIVE:	8-mile mapping with special emphasis on stratigraphy and faunal content of the Palaeozoic, Mesozoic and Tertiary formations
PERSONNEL:	R.J.W. Douglas (in charge), D.K. Norris, W.B. Brady, D.J. McLaren, P. Harker, A.W. Norris, B.R. Pelletier, D.F. Stott, and B.G. Craig
DATE OF BEGINNING:	1957
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1958 and 1959
PUBLICATIONS:	Papers 58-11, 59-6, 59-11, 60-19, 61-1, 61-13 Maps 27-1958, 28-1958, 31-1959, 32-1959, 48-1959, 22-1960, 23-1960, 22-1961, 23-1961 Bulletin 63 Bulletin - (A.W. Norris) submitted
PUBLICATIONS OUTSTANDING:	Two preliminary maps of 4-mile areas; final maps and reports

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PROJECT :	G.S. 57-2. Upper Mackenzie River Basin (See G.S. 57-1)
LOCATION:	District of Mackenzie; most of 85 $S_2^1$ and 95 A & H
OBJECTIVE:	Reconnaissance mapping of surficial formations
PERSONNEL:	B.G. Craig, attached to Operation Mackenzie (G.S. 57-1)
DATE OF BEGINNING:	1957
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	19 <i>5</i> 7 1961
PUBLICATIONS:	Paper 60-10 Paper 58-11
PUBLICATIONS	

Final map and report

OUTSTANDING:

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PROJECT:	G.S.	57-3.	Fort	Enterprise	map-area

LOCATION: District of Mackenzie; 86 A

OBJECTIVE: 4-mile mapping

PERSONNEL: J.A. Fraser

DATE OF BEGINNING: 1957

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1958 Final pubs: 1960

PUBLICATIONS: Map 16-1958 Final map and notes forwarded

PUBLICATIONS OUTSTANDING:

Completed

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PROJECT:	G.S. 57-5. Lake Hazen
LOCATION:	District of Franklin; Lake Hazen and vicinity, northern Ellesmere Island; part of 120, 340
OBJECTIVE:	8-mile mapping
PERSONNEL:	R.L. Christie (attached to Operation Hazen organized by DRB for IGY)
DATE OF BEGINNING:	1957
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1961 (?) (?)
PUBLICATIONS	None
PUBLICATIONS OUTSTANDING:	Memoir MS submitted by author February 1961

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PROJECT:	G.S.	57-6.	Kechika	and	Rabbitt	River	map-area

LOCATION: B.C.; 94 L and 94 M

- OBJECTIVE: 4-mile mapping
- PERSONNEL: H. Gabrielse
- DATE OF BEGINNING: 1957
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1959 Final pubs: 1962 (?)
- PUBLICATIONS: Maps 57-1959, 2-1961

PUBLICATIONS				
OUTSTANDING:	Memoir	accompanied	by	maps

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PROJECT:	G.S. 57-7. Quesnel map-area. Redefined to include G.S. 54-11 (Anahim Lake)
LOCATION:	B.C.; 93 B, 93 C
OBJECTIVE:	4-mile mapping
PERSONNEL:	H.W. Tipper
DATE OF BEGINNING:	1954
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1959 1957, 1959 1962
PUBLICATIONS:	Maps 10-1957, 12-1959
PUBLICATIONS OUTSTANDING:	Memoir and final map to include Anahim Lake, G.S. 54-11

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BoJECT: D.S. SV-7. Quernol map-arm. hotellard to include 0.3. S4-11 (Ammin Lars)

## LOCATION: B.C. 93 B. 93

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PROJECT:	G.S. 57-8. Shingle Creek granitic stock
LOCATION:	B.C.; Penticton
OBJECTIVE:	Detailed mapping, a contribution towards the Geological Survey's continuing study of granitic rocks in Canada (See G.S. 57-27). A Ph.D. thesis project
PERSONNEL:	H.H. Bostock
DATE OF BEGINNING:	1957
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957  1962 Thesis completed 1960
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	A bound copy of the thesis Bulletin in preparation

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G.S. 57-9. Miette map-area

LOCATION:	Alta.; 83 F/4

OBJECTIVE: 1-mile mapping. A Ph.D. thesis project

PERSONNEL: E.W. Mount joy

DATE OF BEGINNING: 1957

PROJECT:

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959 Final pubs: 1961

PUBLICATIONS: Map 40-1959 Bound copy of doctorate thesis

PUBLICATIONS OUTSTANDING: Final maps and memoir OROLOGICAL SUBVEY OF BALLAN (FLAIR Projuct)

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PROJECT:	G.S. 57-11. Ordovician of southern Manitoba
LOCATION:	Man.; West side of Lake Winnipeg, and vicinity
OBJECTIVE:	Strat. pal. study of Ordovician formations
PERSONNEL:	G.W. Sinclair
DATE OF BEGINNING: DATE OF	1957
COMPLETION: Field work: Prelim. pubs: Final pubs:	1957 1959 (?)
PUBLICATIONS:	Paper 59-5
PUBLICATIONS OUTSTANDING:	Bulletin

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G.S. 57-13. Westport map-area

LOCATION:	Ont.; 31 C/9
OBJECTIVE:	1-mile mapping. A Ph.D. thesis project
PERSONNEL:	H.R. Wynne-Edwards

DATE OF BEGINNING: 1957

PROJECT:

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959 Final pubs: 1961

PUBLICATIONS: Map 28-1959

PUBLICATIONS OUTSTANDING: Memoir and final map submitted

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LOCATION: C.J. C.J.

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PROJECT:	G.S. 57-15. Anticosti Island
LOCATION:	Que.; Anticosti Island; part of 12 E
OBJECTIVE:	Strat. pal. study of Ordovician and Silurian formations
PERSONNEL:	T.E. Bolton
DATE OF BEGINNING:	1957
DATE OF	
COMPLETION: Field work:	1958
Prelim. pubs: Final pubs:	1962
PUBLICATIONS:	Paper in Proceedings Geological Association of Canada, vol. 12, 1960
PUBLICATIONS OUTSTANDING:	G.S.C. Preliminary Report and Bulletins

# (Project Project)

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PROJECT: G.S. 57-16. Southwestern New Quebec. (Operation Fort George). Includes G.S. 56-21. See also G.S. 57-17, G.S. 59-28

LOCATION: New Que.; 23 W<sup>1</sup>/<sub>2</sub>, and 33

OBJECTIVE: 8-mile mapping (helicopter)

PERSONNEL: K.E. Eade, W.W. Heywood (1957, 1958), I.M. Stevenson (1959), S.H. Kranck (1959)

DATE OF BEGINNING: 1957

#### DATE OF COMPLETION:

01	A AA ANA	77 7014 4					
Fi	leld	work:	19	59			
Pre	lim.	pubs:	19	57,	1958,	1959	
F	inal	pubs:	(?)	)			

PUBLICATIONS: Map 23-1957, 23-1958, 56-1959

PUBLICATIONS OUTSTANDING: Final maps and notes or memoir

#### esoloolool Seliver in Sale of (Pteld Project)

OdSGT: 0.3. 57-16. Southerstern New Queber. (Operation Fort Courge), Includes G.S. 56-21. Des also G.S. 57-17, 0.3. 57-38

More Quart, 1, 22, 19, 1 and 33.

ETIVE: 8-wild manufage (heldoplays)

PERSONNELS [1.1.1], Easting Multi, Norward A.D.P. P. (1996), e. C.D. & Herschiefer (19979), e. S.D. and and I.D. 2008.

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GEOLOGICAL	S	URVEY	OF	CANADA
(Fiel	d	Proje	ect)	)

PROJECT:	G.S. 57-17. Southwestern New Quebec	•
	See also G.S. 57-16	

LOCATION: Que.; 23 W2, and 33

OBJECTIVE: 8-mile mapping of surficial formations

PERSONNEL: H.A. Lee, attached to Operation Fort George (G.S. 57-16)

DATE OF BEGINNING: 1957

DATE OF COMPLETION: Field work: 1957 Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: Map 52-1959 Bulletin 50 incorporates some of the results of this project

PUBLICATIONS OUTSTANDING:

Final report and map

#### HUCCICAL SHEWER OF CIRLINA (Field Frejory)

PROJECT :

0.3. 57-17. Boubbranan New Greber. See also 0.3. 57-16

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R.A. Leu, attached / Oppenal. (J. 2007 Gaurge (0.3, 57-16)

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PROJECT:	G.S. 57-18. Marion Lake map-area
LOCATION:	New Que.; 23 I/15
OBJECTIVE:	1-mile mapping. A Ph.D. thesis project
PERSONNEL:	J.A. Donaldson
DATE OF BEGINNING: DATE OF COMPLETION: Field work:	
Prelim. pubs: Final pubs: PUBLICATIONS:	(?)
	Map 17-1959
DIDITALOTAN	

PUBLICATIONS OUTSTANDING: Final map and memoir in preparation

# (Frail Tropet)

RIGIOT: G.S. SV-18. Narion Lake appeares

LOCATION: New Que, 1 2) LAIS

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PROJECT: G.S. 57-20. Napadogan map-area. Includes final map and report of G.S. 56-24. (Burtt's Corner)

LOCATION: N.B.; 21 J/7, 21 J/2 W2

OBJECTIVE: 1-mile mapping

PERSONNEL: W.H. Poole

DATE OF BEGINNING: 1957

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1958

Final pubs: 1962

PUBLICATIONS: Map 11-1958

PUBLICATIONS OUTSTANDING:

Final map and memoir, to include G.S. 56-24 (Burtt's Corner) and possibly an adjacent area

Transferred to G.S. 59-32

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PROJECT: G.S. 57-22. Geochemistry of the Bathurst-Newcastle district

LOCATION: N.B.; parts of 21 NEt

OBJECTIVE: To provide information on the geochemistry of the gossans, supergene, and primary phases of the base metal deposits of the district; and to evaluate the geochemical prospecting techniques used in that district by mining and exploration companies

PERSONNEL: R.W. Boyle

- DATE OF BEGINNING: 1957
- DATE OF COMPLETION:
- Field work: 1964 Prelim. pubs: 1961 Final pubs: 1965

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary report, final report

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PROJECT:	G.S. 57-23. Chedabucto Bay map-area
LOCATION:	N.S.; 11 F/6
OBJECTIVE:	1-mile mapping
PERSONNEL:	I.M. Stevenson
DATE OF BEGINNING:	1957
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1959 (?)
PUBLICATIONS:	Map 3-1959 Final map and notes forwarded for publication
PUBLICATIONS OUTSTANDING:	None

Completed

#### GROLOGICAL BURNEY OF CAMAIN (Read Freitart)

#### PROJECTS G.L. ST-23. Chadabacto For mar-area

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PROJECT:	G.S.	57-24.	Barymin	barite	deposits	

LOCATION:

N.S.; Walton

OBJECTIVE: To obtain and interpret data concerning the geochemistry of barium in the deposit and adjacent strata, and thereby afford useful information concerning the origin of the deposit, its possible extension, and the occurrence elsewhere of commercial barite deposits

PERSONNEL: R.W. Boyle

DATE OF BEGINNING:	1957
DATE OF COMPLETION:	
Field work:	1961
Prelim. pubs: Final pubs:	1962

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Final report

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PROJECT: G.S. 57-25. Burgeo-Ramea map-area

LOCATION: Nfld.; 11 P/11, 12, 13, 14

OBJECTIVE: 1 and 4-mile mapping

PERSONNEL: G.C. Riley (resigned)

DATE OF BEGINNING: 1957

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959 Final pubs: (?)

PUBLICATIONS: Map 22-1959

PUBLICATIONS OUTSTANDING: Final map, in part on the scale of 1 inch to 1 mile and in part on the scale of 1 inch to 4 miles; and notes or reports

Inactive

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- LOCATION: Nfld.; 12 H/16
- OBJECTIVE: 1-mile mapping
- PERSONNEL: E.R.W. Neale
- DATE OF BEGINNING: 1957
- DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1958, 1959 Final pubs: 1962
- PUBLICATIONS: Map 10-1958, 16-1959

PUBLICATIONS						
OUTSTANDING:	Final	map	and	notes	or	report

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G.S. 57-27. Granitic bodies of Canada

LOCATION:	Canada; Nakusp 82 K/4
OBJECTIVE:	Detailed mapping of representative granitic bodies with special attention to providing comprehensive geological information concern- ing their scientific and economic aspects
PERSONNEL:	J.E. Reesor, K.R. Dawson, D.B. Craig, P. Fox, D.W. Hyndman
DATE OF BEGINNING:	1957

DATE OF COMPLETION: Field work: continuing project Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

**PROJECT:** 

PUBLICATIONS OUTSTANDING: Probably a series of bulletins; also papers in scientific and technical journals; as results warrant. See G.S. 57-8

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PROJECT: G.S. 57-27-1. Granitic bodies of Canada; Valhalla Complex

LOCATION: B.C.; Passmare 82 F/12 and Burton 82 F/13

OBJECTIVE: To make a detailed study of the Valhalla Complex to secure comprehensive geological information concerning its scientific and economic aspects

PERSONNEL: J.E. Reesor

DATE OF BEGINNING: 1957

### DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin 4140-00 190 3389592 1140 500093 (2005-01 1996 1996 1996 1

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PROJECT: G.S. 57-27-2. Granitic bodies of Canada; Anstruther Batholith

LOCATION: Ont.; part of 31 D NE Bancroft Dist.

OBJECTIVE: Detailed mapping and sampling to provide information on genesis mode of emplacement and geochemistry

PERSONNEL: K.R. Dawson

DATE OF BEGINNING: 1960

DATE OF COMPLETION: 1963 Field work: Prelim. pubs: Final pubs:

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Bulletin Papers to scientific journals

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PROJECT: G.S. 57-27-3. Monashee Group

LOCATION: Southwest Revelstoke, B.C.; part of 82 L/16

OBJECTIVE: Detailed study of a part of Monashee Group of Shuswap Terrain, to relate structure, migmatization, and metamorphism in formation of granitic gneisses

PERSONNEL: D.B. Craig

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin Ph.D. thesis

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PROJECT:	G.S.	57-27-4.	Adamant	Batholith	
FRUJECI:	G.D.	2/-2/-4.	Adamant	Datuotten	

LOCATION: B.C.; northern Selkirk Mountains, Adamant Batholith in parts of 82 M/9, M/16 and 82 N/12, N/13

OBJECTIVE: A petrological and structural study of a discrete, intrusive, pluton

PERSONNEL: P.E. Fox

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin and Ph.D. thesis

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PROJECT: G.S. 57-27-5. Nakusp Area

LOCATION:

B.C.; Nakusp - Map 82 K/4

OBJECTIVE: A petrological and structural study of metamorphic and granitic rocks

PERSONNEL:

D.W. Hyndman

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: 1962 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS:

None

PUBLICATIONS OUTSTANDING:

Bulletin and Ph.D. thesis

PROJECT: G.S. 57-28. Ultrabasic intrusions of Canada Includes 0.P. 127

LOCATION: Canada; probably mainly Tulameen, British Columbia; Bird River, Manitoba; Thetford, Gaspe, Quebec; and Bay of Islands, Newfoundland

OBJECTIVE: Detailed mapping of representative ultra-basic intrusions with special emphasis on their scientific and economic features

PERSONNEL: C.H. Smith, I.D. MacGregor, D.C. Findlay, H. Kapp, K.R. Dawson, R.F.J. Scoates

DATE OF BEGINNING: 1957

#### DATE OF COMPLETION:

Field work: Probably continuing project. Initial phase 1962 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: Papers in: Can. Mining J., V. 81, pp. 50, 51; Bull. G.S.A., V. 71, No. 12, pt. II, p. 1978; 1953, Econ. Geol., V. 48, pp. 408-415; 1958, Mem. 290; 1960, Map 1086 A

PUBLICATIONS OUTSTANDING:

JTSTANDING: Probably several bulletins; also papers in scientific and technical journals; possibly one or more interim paper series reports

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PROJECT: G.S. 57-28-1

LOCATION:

Nfld.; Bay of Islands

**OBJECTIVE:** 

PERSONNEL: C.H. Smith

DATE OF BEGINNING: 1951

DATE OF COMPLETION: Field work: 1953 Prelim. pubs: Final pubs: 1958

PUBLICATIONS: 1958, Mem. 290; 1953, Paper in Econ. Geol., vol. 48, pp. 408-415; 1960, Map 1086 A

PUBLICATIONS OUTSTANDING: None

Completed

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PROJECT:

G.S. 57-28-2

LOCATION:

Que.; Mount Albert Pluton, Gaspe Peninsula

**OBJECTIVE:** 

PERSONNEL: I.D. MacGregor and C.H. Smith

DATE OF BEGINNING: 1957

DATE OF COMPLETION: Field work: 1957 Prelim. pubs: Final pubs: 1961

PUBLICATIONS: 1960, Paper in Bull. G.S.A., vol. 71, No. 12, Pt. 2, p. 1978

PUBLICATIONS OUTSTANDING: Bulletin

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PROJECT: 0.57-28

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PROJECT :

G.S. 57-28-3

LOCATION:

District of Mackenzie; Muskox Complex, Big Bend of Coppermine River

**OBJECTIVE:** 

PERSONNEL:

C.H. Smith and H.E. Kapp (P.D. Fellow)

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1960 (Airborne magnetometer 1961) Prelim. pubs: 1961 Paper series report on mapping Final pubs: (?)

PUBLICATIONS: No

None

PUBLICATIONS OUTSTANDING:

Probably several bulletins on different aspects of this complex layered intrusion

PROJECT: G.S. 57-28-4

LOCATION:

B.C.; Tulameen

**OBJECTIVE:** 

PERSONNEL: D.C. Findlay and C.H. Smith

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS:

PUBLICATIONS OUTSTANDING:

Probable bulletin

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PROJECT: G.S. 57-28-5

LOCATION:

Ont.; Gordon Lake

**OBJECTIVE:** 

PERSONNEL:

R.F.J. Scoates and C.H. Smith

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

To be decided later

## AGANAS TO TRANSF JANTOLOUP

2-82-12 G.S. 57-28-5

ATION: Ont., Cardon Laks

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LOCATION: Canada

- OBJECTIVE: To provide information on the size, composition, mode of occurrence, origin, potentialities, and other geological features of the main known iron deposits of Canada
- PERSONNEL: G.A. Gross, D.F. Sangster
- DATE OF BEGINNING: 1957

#### DATE OF

COMPLE	ETION:	
Field	work:	1960
Prelim.	pubs:	1960
Final	pubs:	1961

PUBLICATIONS: Map 34-1960 Various outside papers Bull. 82, in press

PUBLICATIONS OUTSTANDING:

Economic Geology Report

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#### USDIDUTOAL HURVEY OF DEBADA (Plaid Project)

PROJECT: 0.27. 27-29. Leon dependent of Canada

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PROJECT:	G.S. 57-29-1.	Iron deposits of	southern B.C.
LOCATION:	Southern B.C.		

OBJECTIVE: To provide information on the coast metamorphic deposits

PERSONNEL: D.F. Sangster

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Copy of thesis. Other reports as indicated. Final results to be included in G.S. 57-29

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PROJECT: G.S. 57-30. Heavy minerals of beach and other placer deposits in Canada

#### LOCATION: Canada

OBJECTIVE: To provide data concerning the occurrence in beaches, beach placers, and similar deposits of minerals of commercial or possible commercial importance; and to test and improve techniques for detecting and evaluating such occurrences

PERSONNEL: C.R. McLeod

DATE OF BEGINNING: 1957

#### DATE OF

COMPLETION	•
Field work	: continuing
Prelim. pubs	
Final pubs	: (?)

PUBLICATIONS: Paper 59-7

PUBLICATIONS OUTSTANDING: Interim and final reports

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PROJECT:

G.S. 57-31. Jurassic microfauna

LOCATION:

Prairies and foothills as dictated by geological requirements

OBJECTIVE: Strat. pal. study with special emphasis on Jurassic ostracod occurrences

PERSONNEL: M. Copeland

- DATE OF BEGINNING: 1957
- DATE OF COMPLETION: Field work: continuing Prelim. pubs: Final pubs: 1965
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin or memoir

<b>PROJECT:</b>	G.S. 58-1	, Operation	Coppermine
-----------------	-----------	-------------	------------

LOCATION: Mackenzie District, parts of 86, 87, 96, 97

OBJECTIVE: 8-mile mapping by helicopter

PERSONNEL: J.A. Fraser

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: Map 18-1960

PUBLICATIONS OUTSTANDING: Final maps and reports

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PROJECT:	G.S.	58-2.	S.E.	Mackenzie	District	

LOCATION: Mackenzie District, 75 A, F SE2, G, H W2

OBJECTIVE: 4-mile mapping with light aircraft support

PERSONNEL: F.C. Taylor

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: Oct. 1958 Prelim. pubs: 1959 Final pubs: 1961

PUBLICATIONS: Maps 8-1959, 9-1959, 10-1959

PUBLICATIONS OUTSTANDING: Final maps and notes submitted

LOCATION: Franklin District, 33 M, 34 D

OBJECTIVE: 4-mile mapping

PERSONNEL: G.D. Jackson

DATE OF BEGINNING: 1958

DATE OF COMPLETION:

Field work:	1959	(?)
Prelim. pubs:	1960	
Final pubs:	(?)	

PUBLICATIONS:	Paper 60-20
	Map 28-1960

PUBLICATIONS				
OUTSTANDING:	Final	maps	and	reports

PROJECT:	G.S. 58-4. Mesa Lake map-area (west half)
LOCATION:	Mackenzie District, 86 B/14 W2
OBJECTIVE:	1-mile mapping
PERSONNEL:	J.V. Ross
DATE OF BEGINNING: DATE OF	1958
COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1959 1960
PUBLICATIONS:	Map 30-1959

PUBLICATIONS					
OUTSTANDING:	Final	map	and	memoir	in_preparation

### (Wield Project Project)

PHOLEIT: 0.5. 58-5. Mass Lake map-area (bret malf)

ATION: Mackemark StateLat, GM S/L, W

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PROJECT: G.S. 58-7. Melville, Brock, Borden, and Mickenzie King Islands (Western Queen Elizabeth Islands)

LOCATION: District of Franklin, parts of 78, 88, 79, 89

OBJECTIVE: Reconnaissance mapping plus strat. pal. studies

PERSONNEL: R. Thorsteinsson, E.T. Tozer

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959, 1960 Final pubs: 1962

PUBLICATIONS: Paper 59-1, 60-7 Map 13-1959

PUBLICATIONS OUTSTANDING: Final map and memoir submitted

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PROJECT:	G.S.	58-8.	Dawson -	- Peel .	Plateau	

LOCATION: Yukon; 116 A, B, C  $E_2^1$ , 106 D

OBJECTIVE: Study and mapping on scale of 4 miles to the inch of largest unexplored area of Cordillera. Includes Dawson - Peel Plateau Road

PERSONNEL: L.H. Green

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1962(?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and report

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PROJECT:	G.S. 58-9. Operation Pelly (redefined to include G.S. 56-4, Quiet Lake)
LOCATION:	Yukon; 105 F, G, J, K, and B (part)
OBJECTIVE:	4-mile mapping with air support
PERSONNEL:	J.A. Roddick, L.H. Green, J.O. Wheeler (1958)
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1960 1962 (?)
PUBLICATIONS:	Maps 7-1960, 8-1960, 10-1960, 12-1961, 13-1961, 14-1961
PUBLICATIONS OUTSTANDING:	Final maps and report

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PROJECT:	G.S. 58-10. Sumdum (Chutine) and Tulsequah
LOCATION:	B.C.; 104 F, K
OBJECTIVE:	4-mile mapping
PERSONNEL:	J.G. Souther
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1959, 1960, 1962
PUBLICATIONS:	Map 7-1959, 6-1960
PUBLICATIONS OUTSTANDING:	Final maps and report

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PROJECT:	G.S. 58-11. Kettle River map-area. (Redefined to include G.S. 52-26)
LOCATION:	B.C.; 82 E
OBJECTIVE:	Standard 4-mile mapping including revision and completion of earlier work by Cairnes
PERSONNEL:	H.W. Little
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1957, 1960
PUBLICATIONS:	Maps 6-1957, 15-1961

PUBLICATIONS OUTSTANDING:

Final map and memoir to include project G.S. 52-26

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PROJECT: G.S. 58-13. Strait of Georgia

LOCATION:

B.C.; Islands and eastern shore of Strait of Georgia

Reconnaissance mapping of surficial geology **OBJECTIVE:** 

PERSONNEL: J.G. Fyles

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: Final pubs:

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Map and report

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PROJECT:	G.S. 58-14. Tetsa River map-area
LOCATION:	B.C.; 94 K/9
OBJECTIVE:	1-mile mapping with emphasis on fossil fuel potentialities
PERSONNEL:	B.R. Pelletier
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1959 1963
PUBLICATIONS:	Map 29-1959
PUBLICATIONS OUTSTANDING:	Final map and report

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LOCATION:

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PROJECT: G.S. 58-15. Fernie (east half) map-area

LOCATION:

B.C. and Alta.; 82 G Ez

OBJECTIVE: 4-mile mapping

PERSONNEL: R.A. Price

DATE OF BEGINNING: 1958

DATE OF

COMPLETION: Field work: 1960 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Paper submitted May 31, 1961 Preliminary and final maps and memoir

### (Field Project)

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G.S. 58-16. Cretaceous of western Foothills

LOCATION: Alta. and B.C.; Red Deer River to Peace River **OBJECTIVE:** Strat. pal. study of Cretaceous strata with emphasis on their possibilities as a source of fossil fuels D.F. Stott PERSONNEL: DATE OF BEGINNING: 1958 DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1960

- Final pubs: 1962 (?)
- PUBLICATIONS:
   Papers 60-16, 61-10, 61-11

   Maps 21-1960, 19-1961

PUBLICATIONS OUTSTANDING:

PROJECT:

Bulletin or memoir

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PROJECT:	G.S. 58-17. Carbondale map-area
LOCATION:	Alta.; 82 G/8 W2
OBJECTIVE:	1-mile mapping with special emphasis on the evaluation of eil, gas and coal possibilities
PERSONNEL:	D.K. Norris
DATE OF BEGINNING: DATE OF	1958
COMPLETION: Field work: Prelim. pubs: Final pubs:	1958 1959 1963
PUBLICATIONS:	Map 5-1959
PUBLICATIONS	

OUTSTANDING: Final maps and memoir

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PROJECT: G.S. 58-18. Geochemistry of sandstones

LOCATION: Alta. and Sask.

OBJECTIVE: To determine the geochemical characteristics of sandstones that may be of importance in the petroleum industry

PERSONNEL: E.M. Cameron

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: continuing Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary paper and bulletin if results warrant

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- PROJECT: G.S. 58-20. Elbow, Hawarden, and Outlook Transferred to G.S. 60-15
- LOCATION: Sask.; 72 0/2, 0/7, 0/6
- OBJECTIVE: 2-mile mapping of surficial geology

PERSONNEL: J.S. Scott

- DATE OF BEGINNING: 1958
- DATE OF COMPLETION: Field work: 1959 Prelim. pubs: Final pubs:
- PUBLICATIONS: Thesis on file in Library

PUBLICATIONS OUTSTANDING:

Transferred

## (FORESTER) SUPPLY OF CALLS

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G.S. 58-21. Kettle Rapids map-area PROJECT: Man.; 54 D LOCATION: **OBJECTIVE:** 4-mile mapping H.A. Quinn (resigned); K.L. Currie (1961), office PERSONNEL: DATE OF BEGINNING: 1958 DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1961 Final pubs: none Map 9-1961 PUBLICATIONS: PUBLICATIONS OUTSTANDING: None

Completed

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PROJECT: 58-23. Chisel Lake map-area

LOCATION: Man.; part of 63 K/16

OBJECTIVE: Detailed mapping. A Ph.D. thesis project

PERSONNEL: H. Williams

DATE OF BEGINNING: 1958

DATE OF

COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: 1961 (?)

PUBLICATIONS: Map 27-1960

PUBLICATIONS OUTSTANDING:

Final maps and reports. A bound copy of the thesis

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PROJECT: G.S. 58-24. Trenton and Presqu'ile

LOCATION: Ont.; 31 C/4 and 30 N/13 - Kingston sheet

OBJECTIVE: 1-mile and 4-mile mapping of surficial geology as part of concerted study of Lake Ontario shore

PERSONNEL: E. Mirynech

- DATE OF BEGINNING: 1958
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: Final pubs:

PUBLICATIONS: None

PUBLICATIONSPreliminary mapsOUTSTANDING:Final map and memoir (to include G.S. 60-22)

#### 2010/2010 208/52 (\* 038/201 (Plaid Troject)

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PROJECT:	G.S. 58-25. Deer Lake map-area (east half)
LOCATION:	Ont.; 53 D Ez
OBJECTIVE:	4-mile mapping
PERSONNEL:	L. Kirwan
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958
PUBLICATIONS:	Map 28-1958
PUBLICATIONS OUTSTANDING:	Final map and report

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PROJECT:	G.S. 58-26. Carroll Lake map-area (east half)
LOCATION:	Ont.; 52 M $E_2^1$
OBJECTIVE:	4-mile mapping
PERSONNEL:	E.H. Chown
DATE OF BEGINNING:	1958
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1958
PUBLICATIONS:	Map 25-1958
PUBLICATIONS OUTSTANDING:	Final map and notes

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PROJECT: G.S. 58-27. Wakuach Lake map-area Includes G.S. 54-42, Ahr Lake

LOCATION: Que. and Labrador; 230

OBJECTIVE: 4-mile mapping

PERSONNEL: W.R.A. Baragar

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary map and report. Final map and memoir (Sustant Linit)

DuBurt G.S. 58-27. Walcardh Laky gap-Includes G.S. 54-4.2. And Laky

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G.S. 58-28. Nepisiquit Lakes, Riley Brook, and PROJECT: Serpentine Lake; to include GS 58-29, St. Leonard N.B.; 21 0/7, 0/3, 0/2; 210 SW LOCATION: To revise and complete the surveys commenced by **OBJECTIVE:** B. Rose in 1935, 1936 and 1937 PERSONNEL: F.D. Anderson, assisted by R.A. Greenshields, I.D. MacGregor DATE OF BEGINNING: 1958 DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1960 1961 Final pubs: PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Transferred to 0.P. 220

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PROJECT

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- PROJECT: G.S. 58-29. St. Leonard
- LOCATION: N.B.; 21 O  $W_2^1$
- OBJECTIVE: 4-mile mapping to bring 19th Century 4-mile mapping up to modern standard
- PERSONNEL: J.M. Johnston
- DATE OF BEGINNING: 1958
- DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959 Final pubs: 1961
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

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- PROJECT: G.S. 58-30. Clementsport Includes G.S. 56-26, Nictaux and Torbrook
- LOCATION: N.S.; 21 A/12 E2; 21 A/14 E2 and 21 A/15 W2
- OBJECTIVE: 1-mile mapping
- PERSONNEL: W.G. Smitheringale
- DATE OF BEGINNING: 1958
- DATE OF
- COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: 1962
- PUBLICATIONS: Map 14-1960 Paper 60-12
- PUBLICATIONS OUTSTANDING: Final map and report

- PROJECT: G.S. 58-31. Arichat
- LOCATION: N.S.; 11 F/11 E2
- OBJECTIVE: 1-mile mapping
- PERSONNEL: G.A. Collins
- DATE OF BEGINNING: 1958
- DATE OF
- COMPLETION: Field work: 1958 Prelim. pubs: 1961 Final pubs: Nil
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Prelimi

Preliminary map

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PROJECT: G.S. 58-32. St. Ann's

LOCATION: N.S.; 11 K/7

OBJECTIVE: 1-mile mapping

PERSONNEL: D.G. Kelley

DATE OF BEGINNING:

#### DATE OF

COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: 1961

PUBLICATIONS: Map 38-1960

PUBLICATIONS OUTSTANDING:

Final map and memoir

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PROJECT: G.S. 58-34. Deer Lake

LOCATION: Nfld.; 12 H W2

OBJECTIVE: 4-mile mapping

PERSONNEL: D.M. Baird

DATE OF BEGINNING: 1958

DATE OF COMPLETION: Field work: 1958 Prelim. pubs: 1959, 1960 Final pubs: 1961

PUBLICATIONS: Map 47-1959 Paper 60-3

PUBLICATIONS OUTSTANDING:

Final map

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PROJECT: G.S. 58-36. Investigation of iron-titaniumbearing anorthosites

LOCATION: Eastern Canada

**OBJECTIVE:** Study of mineralogy and petrology of iron-titaniumbearing anorthosites and associated mineral deposits

PERSONNEL: E.R. Rose

DATE OF 1958 BEGINNING:

#### DATE OF COMPLETION: Field work: Prelim. pubs: 1960

Final pubs: (?)

PUBLICATIONS: Paper 60-11 Paper 61-7 in press

1960

PUBLICATIONS OUTSTANDING:

None

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- PROJECT: G.S. 58-37. Ottawa-Hull region ground water (Redefined to include G.S. 51-30)
- LOCATION: Ontario and Quebec; Cities of Ottawa and Hull. Part of 31 G
- OBJECTIVE: Ground-water survey
- PERSONNEL: L.V. Brandon, E.B. Owen (1951)
- DATE OF BEGINNING: 1958
- DATE OF COMPLETION: Field work: Prelim. pubs: 1960 Final pubs:
- PUBLICATIONS: W.S.P. 323 Paper 60-23 Map 31-1960

PUBLICATIONS OUTSTANDING:

Papers as work merits

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PROJECT: G.S. 59-1. Banks and Victoria Islands (See also 59-2)

LOCATION: District of Franklin, parts of 67-97, 78-98

- OBJECTIVE: 8-mile mapping with special attention to strat. pal. studies and surficial geology
- PERSONNEL: R. Thorsteinsson, R.L. Christie, E.T. Tozer, J.G. Fyles
- DATE OF BEGINNING: 1959
- DATE OF COMPLETION: Field work: --Prelim. pubs: 1960 Final pubs: 1961
- PUBLICATIONS: Paper 61-12 in press

PUBLICATIONS OUTSTANDING: Memoir submitted

### Building ( State States)

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District of Franklin, parts of 67-93, 78-96

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PROJECT: G.S. 59-2. Banks and Victoria Islands (See G.S. 59-1)

LOCATION: District of Franklin; parts of 67-97, 78-98

OBJECTIVE: Reconnaissance mapping of surficial formations

PERSONNEL: J.G. Fyles

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: Paper 60-10

PUBLICATIONS OUTSTANDING:

Preliminary and final reports Bulletin and map on Victoria Island submitted May 1961

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0.8. 59-2. Saute and Vistoria Inlands (See 0.3. 59-1)

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PROJECT:

G.S. 59-3. Operation Coppermine (See G.S. 58-1)

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LOCATION:	Mackenzie District, parts of 86, 87, 96, 97
OBJECTIVE:	Reconnaissance mapping of surficial formations
PERSONNEL:	B.G. Craig
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1959 1960
PUBLICATIONS:	Paper 60-10 includes some results Paper 60-18 and Map 24-1960
PUBLICATIONS OUTSTANDING:	Final map and report (See G.S. 60-3)

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PHONEST: 0.3, 59-3. Operation Coppension (See 0.1, 58-1)

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PROJECT:	G.S. 59-4. Upper Devonian faunas of upper Mackenzie River
LOCATION:	Mackenzie District, upper Mackenzie River; and Alta., Banff
OBJECTIVE:	To study the late Upper Devonian (Famennian) faunas to supplement office research. A post- doctorate fellowship project
PERSONNEL:	P. Sartenaer (N.R.C. fellow)
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1959 
PUBLICATIONS:	

PUBLICATIONS OUTSTANDING: Bulletins

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PROJECT:	G.S. 59-5. Yukon dam sites
LOCATION:	As requested by NANR in Yukon Territory, mainly on Yukon River
OBJECTIVE:	To study the engineering geology of the dam sites
PERSONNEL:	E.B. Owen
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1963 1960, 1961 (?)
PUBLICATIONS:	Topical Reports 7 to 16, 18 to 26
PUBLICATIONS	Torigol moment on each dom site

OUTSTANDING: Topical report on each dam site Reports to be submitted to NANR

### (Profest Profest)

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PROJECT:	G.S. 59-6. Halfway River map-area
LOCATION:	B.C.; 94 B
OBJECTIVE:	4-mile mapping with special emphasis on oil and gas potentialities
PERSONNEL:	E.J.W. Irish
DATE OF BEGINNING: DATE OF	1959
COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?)
PUBLICATIONS:	None
PUBLICATIONS	

Preliminary and final maps and reports

OUTSTANDING:

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PROJECT:

G.S. 59-8. Vancouver Island ground water

LOCATION:

Vancouver Island, east coast, between Nanaimo and Campbell River, part of 92 F

**OBJECTIVE:** 

Ground-water survey

PERSONNEL:

E.C. Halstead, A. Treichel

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary map or bulletin Final publication may be combined with G.S. 54-13

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PROJECT:	G.S. 59-7. Triassic rocks of northeast B.C.
LOCATION:	B.C.; Rocky Mountains and Foothills in northeastern part
OBJECTIVE:	Strat. pal. study with special attention to Triassic stratigraphy
PERSONNEL:	B.R. Pelletier
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 1960, 1961 (?)
PUBLICATIONS:	Paper 60-2 Paper 61-8 in press
PUBLICATIONS	

Preliminary and final maps and reports

OUTSTANDING:

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PROJECT:

G.S. 59-9. Prince George map-area

LOCATION: B.C.; 93 G 4-mile mapping **OBJECTIVE:** PERSONNEL: H.W. Tipper DATE OF BEGINNING: 1959 DATE OF COMPLETION: 1961 Field work: 1962 (?) Prelim. pubs: Final pubs: Map 49-1960 PUBLICATIONS: PUBLICATIONS

OUTSTANDING: Final map and memoir, the latter possibly to be combined with another adjacent area

### (Plain Project)

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PROJECT: G.S. 59-10. Rogers Fass (formerly Illecillewaet) map-area

LOCATION: B.C.; 82 N W2

OBJECTIVE: 4-mile mapping

PERSONNEL: J.O. Wheeler

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: Map 4-1961

PUBLICATIONS OUTSTANDING:

Final maps and memoir, the latter possibly to be combined with another adjacent area

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PROJECT: 0.1. 59-10. Regars Face (formerly lilechildenet)

SATION: B.C.: SA HAS

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G.S. 59-11. Pine Pass map-area

FROJECI:	G.S. )y=II. FING FASS map-area
LOCATION:	B.C.; 93 O W2
OBJECTIVE:	4-mile mapping
PERSONNEL:	J.E. Muller
DATE OF BEGINNING: DATE OF	1959
COMPLETION: Field work: Prelim. pubs: Final pubs:	1962
PUBLICATIONS:	Map 11-1961

PROJECT :

PUBLICATIONS OUTSTANDING: Final maps and memoir GROLAR COLL SURVEY 37 4184214 (Flalm Project)

PROVERT 1 0.3. 99-11, Phys Park Reports

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PROJECT: G.S. 59-12. Quesnel Lake map-area

LOCATION: B.C.; 93 A W12

- OBJECTIVE: 4-mile mapping
- PERSONNEL: R.B. Campbell
- DATE OF BEGINNING: 1959
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: Maps 59-1959, 3-1961

PUBLICATIONS OUTSTANDING: Final maps and memoir 40.000 (10.000 0.000 0.000) (10.000 0.000 0.000)

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PROJECT :	G.S. 59-13. Fort Fitzgerald and Chipweyan map-areas
LOCATION:	Alta.; 74 M, part of 74 L
OBJECTIVE:	4-mile mapping
PERSONNEL:	G.C. Riley (Resigned)
DATE OF BEGINNING: DATE OF COMPLETION:	1959
Prelim. pubs:	1959 1960 (?)
PUBLICATIONS:	Map 12-1960

PUBLICATIONS OUTSTANDING: Final maps and reports

Inactive

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G.S. 59-14. Mount Robson S.E. map-area

LOCATION:	Alta.; 83 E SE
OBJECTIVE:	4-mile mapping with special attention to stratigraphy and structure as related to oil and gas exploration

PERSONNEL: E.W. Mount joy

DATE OF BEGINNING: 1959

PROJECT:

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Paper submitted Preliminary and final maps and reports

PROJECT :	G.S. 59-15, Fernie map-area Ez
LOCATION:	Alta.; 82 G $E_2^1$ (Part of)
OBJECTIVE:	4-mile mapping of surficial deposits east of Rocky Mountains
PERSONNEL:	A.M. Stalker
DATE OF	
BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1961 (?)
PUBLICATIONS:	Map 31-1961 in press
PUBLICATIONS OUTSTANDING:	Final map and memoir (possibly to include G.S. 52-24 and 56-9)

### (Topiers' Lie 27)

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PROJECT:	G.S. 59-16. Phelps Lake map-area
LOCATION:	Sask.; 64 M
OBJECTIVE:	4-mile mapping
PERSONNEL:	L.P. Tremblay
DATE OF BEGINNING: DATE OF	1959
COMPLETION: Field work: Prelim. pubs:	1959 1960 (?)
PUBLICATIONS:	Map 5-1960
PUBLICATIONS	

Final maps and reports

OUTSTANDING:

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LOCATION:	Sask.;	73	A,	в,	parts	of	73	H,	72	P	

G.S. 59-17. Saskatoon, Humboldt, Prince Albert

OBJECTIVE: Ground-water survey

PERSONNEL: A.M. Toth

DATE OF BEGINNING: 1959

PROJECT:

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1960 and later Final pubs: (?)

PUBLICATIONS: Paper 60-25

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PUBLICATIONS OUTSTANDING: Preliminary and final

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G.S. 59-18. Red River Basin

- LOCATION: Man.; Basin of Red River. Part of 62 H
  - OBJECTIVE: Ground-water survey
  - PERSONNEL: J. Charron
  - DATE OF BEGINNING: 1959

PROJECT:

- DATE OF COMPLETION: Field work: 1964 Prelim. pubs: 1960, and later Final pubs: --
- PUBLICATIONS: Paper 60-22

PUBLICATIONS OUTSTANDING: Papers and final report ALL US OF THE LAST OF AN

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PROJECT:	G.S. 59-19. Western Ont. (Roads to Resources)
LOCATION:	Ont.; 42 M, 43 D, 52 N, 0, P, 53 A, B, C
OBJECTIVE:	1-mile mapping. Coop. project with O.D.M. to provide data for Roads to Resources Project
PERSONNEL:	S. Duffell (in charge), J.A. Donaldson, S. Krank, G.D. Jackson, R.F. Elmslie, H.H. Bostock
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 1959, (?) (?)
PUBLICATIONS:	Maps 58-1959; 50-1960, 51-1960; 8-1961, 18-1961
PUBLICATIONS OUTSTANDING:	Preliminary and final maps and reports

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G.S. 59-20. Wakwekobi map-area.

	Extension of G.S. 56-16
LOCATION:	Ont.; 41 J/6
OBJECTIVE:	1-mile mapping with special emphasis on the Huronian rocks
PERSONNEL:	M.J. Frarey
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961
DEDT TO ANTONO	Nov. 0. 20/0. / 20/2

PUBLICATIONS: Maps 3-1960, 6-1961

PROJECT:

PUBLICATIONS OUTSTANDING: Final maps and reports

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PROJECT:

G.S. 59-21. Palaeozoic rocks of southeast Ont.

LOCATION:	Ont.; 78'30' eastward to Frontenac Axis
OBJECTIVE:	4-mile strat. pal. mapping of Palaeozoic strate
PERSONNEL:	B.A. Liberty
DATE OF BEGINNING: DATE OF	1959
COMPLETION: Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS:	Papers 60-14, 60-31 Maps 16-1960, 17-1960,45-1960, 46-1960

PUBLICATIONS						
OUTSTANDING:	Preliminary	and	final	maps	and	reports

### ADDATAND STRVET OF CARADA

PROJECT: G.S. SPech. Palaeozoic rocks of southeast Oct.

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OBJECTIVE: 4-mile strmt, fol, mapping of Falseonote strete

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PROJECT :	G.S. 59-22. Cornwall map-area
LOCATION:	Ont.; 31 G/2
OBJECTIVE:	1-mile mapping of the surficial geology, combined with palynological studies
PERSONNEL:	J. Terasmae
DATE OF BEGINNING: DATE OF	1959
COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1960 1961
PUBLICATIONS:	Paper 60-28 Map 4-1960

PUBLICATIONS OUTSTANDING:

Final map and (?) bulletin

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PROJECT:	G.S. 59-25. Sault Ste. Marie map-area
LOCATION:	Ont.; 41 K/9
OBJECTIVE:	1-mile mapping with special emphasis on Huronian rocks (thesis project)
PERSONNEL:	R.E. Hay
D 4 000 0 0	
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 1962 (?) (?)
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Preliminary and final maps and reports. Bound copy of thesis

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PROJECT: G.S. 59-26. Deep River W2 map-area

LOCATION: Ont. and Que.; 31 K W2

OBJECTIVE: 4-mile mapping with special attention to methods of mapping Grenville type geology

PERSONNEL: G.M. Wright

- DATE OF BEGINNING: 1959
- DATE OF COMPLETION: Field work: 1963 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

### (Field Frojent)

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PROJECT: G.S. 59-28. Southwestern New Quebec. (Operation Fort George G.S. 57-16)

LOCATION:

Que.; 23 W2, 33

OBJECTIVE: Reconnaissance mapping of surficial formations

PERSONNEL: 0.L. Hughes

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1959 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin and map submitted May 19, 1961

### (Prela Project)

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(Operation Fort Gaarge 5.3, 57-15)

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PROJECT:	G.S.	59-29.	Michikamou	Lake	Wł	map-area
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LOCATION: Que. and Nfld.; 23 I W2

OBJECTIVE: 4-mile mapping

PERSONNEL: H.R. Wynne-Edwards

DATE OF BEGINNING: 1959

DATE OF COMPLETION: Field work: 1959 Prelim. pubs: 1960 Final pubs: 1961 (?)

PUBLICATIONS: Map 2-1960

PUBLICATIONS OUTSTANDING: Final maps and reports (201002001) (001011 (00100201) (210101 Project)

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PROJECT: G.S. 59-30. Shabogamo Lake east half map-area

LOCATION: Que. and Nfld.; 23 G E

- OBJECTIVE: 4-mile mapping
- PERSONNEL: W.F. Fahrig
- DATE OF BEGINNING: 1959
- DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1960 Final pubs: 1961

PUBLICATIONS: Paper 60-19 Map 9-1960

PUBLICATIONS OUTSTANDING: Final maps and reports

## (Parts Project) (C. Child

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PROJECT:	G.S. 59-32. Hayesville map-area, includes final map and report of G.S. 56-24 and G.S. 57-20
LOCATION:	N.B.; 21 J/7, 21 J/2 W <sup>1</sup> 2, 21 J/10, 21 J/9 W <sup>1</sup> 2
OBJECTIVE:	l-mile mapping
PERSONNEL:	W.H. Poole
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1960 1962 (?)
PUBLICATIONS:	Maps 19-1960, 20-1960 Paper 60-15
PUBLICATIONS	

OUTSTANDING: Final maps and memoir to be combined with other adjacent areas

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PHOISOTY G.S. 59-32. Markovilla asp-ares, includes final map and record of 0.8. 50-25 and 0.5. 57-20

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OBJECTIVE: 1-mile number

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LOCATION:	Southeastern	N.B.		

G.S. 59-33. Geochemical studies (thesis project)

OBJECTIVE: To provide information on the geochemistry of stream sediments, etc. and on copper in Pennsylvania sandstones. Thesis project in support of G.S. 57-22

PERSONNEL: A.Y. Smith

DATE OF BEGINNING: 1959

PROJECT:

DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1960, 1961 (?) Final pubs: (?)

PUBLICATIONS: Paper 59-12

PUBLICATIONS OUTSTANDING:

Bound copy of thesis. Preliminary and final maps and reports

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PROJECT:	G.S. 59-34. Shelbourne map-area
LOCATION:	N.S.; 20 0, P
OBJECTIVE:	4-mile mapping
PERSONNEL:	F.C. Taylor
DATE OF BEGINNING: DATE OF COMPLETION:	1959
Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS:	Map 44-1960

PUBLICATIONS OUTSTANDING: Final map and report (Blaid Crains Incided)

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G.S. 59-35. Guysborough map-area
N.S.; 11 F/5
1-mile mapping. A Ph.D. thesis project
E. Schiller
1959
1960 1961 (?)
Map 27-1961

PUBLICATIONS OUTSTANDING: Final map and memoir. Bound copy of the thesis GROLOGICAL SHITL OF CAMPA

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G.S. 59-36. Kings Point and Hampden map-areas

LOCATION:	Nfld.; 12 H/9, 12 H/10 E2
OBJECTIVE:	1-mile mapping
PERSONNEL:	E.R.W. Neale
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS:	Map 35-1960
PUBLICATIONS	

OUTSTANDING: Final maps

PROJECT:

# (Field Project)

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PROJECT:

OUTSTANDING:

G.S. 59-37. Palaeobotanical studies

LOCATION:	Canada
OBJECTIVE:	To supplement the study of the Devonian macro-palaeobotanical collections
PERSONNEL:	D.C. McGregor
DATE OF BEGINNING:	1959
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	continuing (?)
PUBLICATIONS:	None
PUBLICATIONS	

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PROJECT:	G.S. 59-38. Investigation of gypsum deposits
LOCATION:	Canada - Canad
OBJECTIVE:	To supplement the compilation of all available data on gypsum occurrences in Canada
PERSONNEL:	D.M. Baird
DATE OF BEGINNING: DATE OF COMPLETION:	1959
Field work: Prelim. pubs: Final pubs:	1960  1961 (?)
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

Economic Geology Report on gypsum deposits in Canada

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G.S. 60-1. Exploration southeast Ellesmere

- LOCATION: Franklin; SE Ellesmere, Grise Fiord OBJECTIVE: 8-mile exploration mapping of Precambrian and Palaeozoic strata
- PERSONNEL: R.L. Christie
- DATE OF BEGINNING: 1960

PROJECT:

DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports

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PROJECT:	G.S. 60-2. Operation Back River
LOCATION:	Keewatin; parts of 56, 57, 66, 67 (66° to Arctic Coast, W Boundary of Keewatin, E to about 90°)
OBJECTIVE:	8-mile mapping by helicopter
PERSONNEL:	W.W. Heywood (in charge), W.L. Davison, M. Tremblay, J.D. Aitken, J.L. Blanchard
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1961 (?)
PUBLICATIONS:	Paper 61-18 Map 28-1961
PUBLICATIONS OUTSTANDING:	Final maps and reports

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PROJECT:

G.S. 60-3. Operation Back River

Keewatin; parts of 56, 57, 66, and 67 LOCATION: **OBJECTIVE:** Reconnaissance mapping of surficial formations PERSONNEL: B.G. Craig, attached to Operation Back River DATE OF 1960 BEGINNING: DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1961 Final pubs: 1962 PUBLICATIONS: Paper 61-5 in press

PUBLICATIONSFinal maps and reportsOUTSTANDING:See also G.S. 55-29, G.S. 57-2, G.S. 59-3

# (Field Project)

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G.S. 60-4. Regional correlation

LOCATION:	Northwest Canadian Shield
OBJECTIVE:	To provide data for better correlation of Precambrian rocks in the northwest Canadian Shield by studying key areas

PERSONNEL: J.C. McGlynn

DATE OF BEGINNING: 1960

PROJECT:

DATE OF COMPLETION: Field work: continuing Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

# (Field Project)

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G.S. 60-5. Aeromagnetic Survey

LOCATION: Ont.; Sudbury-North Bay area Mackenzie; Lat. 60°63', Long. 107°30' to 112° Sask.; Coronation Mine

OBJECTIVE: Aeromagnetic survey in Ontario and N.W.T. at half mile spacing and 1,000 foot altitude. At Coronation mine one quarter mile spacing and 500 foot altitude

PERSONNEL:

PROJECT:

K.H. Owens, F. Essex, D. Reveler, J. Kempt, E. Derouin

DATE OF BEGINNING: May 1960

DATE OF

COMPLETION: Field work: June 1960 except for gap from 108°-109°30' in N.W.T. Prelim. pubs: --Final pubs: --

PUBLICATIONS: Coronation Mine published Geophysics Paper - 1028 G

 PUBLICATIONS

 OUTSTANDING:
 A series of l inch to l mile aeromagnetic maps

Transferred to O.P. 17 for publication

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PROJECT:

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PROJECT: G.S. 60-6. Geochemistry of metamorphic and pegmatitic rocks

LOCATION: Mackenzie; Beaulieu-Yellowknife area. Also Flin Flon and SW Grenville

OBJECTIVE: To provide information on the Geochemistry of metamorphic and pegmatitic rocks. It is hoped that this will aid in understanding their genesis and history

PERSONNEL: R. Kretz

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: continuing Prelim. pubs: --Final pubs: --

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: As warranted by results. A bulletin submitted May 1961

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PROJECT: G.S. 60-7. Ground-water geology of permafrost areas

LOCATION:

- N.W.T. and Yukon
- OBJECTIVE: To provide information on ground-water conditions in areas of permafrost

PERSONNEL: L.V. Brandon

- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: continuing Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: As warranted by results

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PROJECT: G.S. 60-8. Surficial geology of project Klondike (See also G.S. 61-8)

LOCATION:

- Yukon; 115 I, J, K E2, N E2, O, T
- OBJECTIVE: To provide information on surficial formations, with special attention to conditions favouring placer deposits

PERSONNEL:

O.L. Hughes, (C.R. McLeod transferred to G.S. 61-8)

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary reports. Final publication as results warrant

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PROJECT: G.S. 60-9. Copper deposits of Canada

LOCATION: Canada; commencing with Yukon and northern B.C.

OBJECTIVE: To investigate the mode of occurrence, distribution, origin and classification of copper deposits in Canada

PERSONNEL: E.D. Kindle

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: continuing Prelim. pubs: 1960 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary reports and Economic Geology Report

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PROJECT:	G.S. 60-10. McDonald River map-area
LOCATION:	B.C.; 94 K/10
OBJECTIVE:	1-mile mapping with special attention to oil and gas potentialities
PERSONNEL:	G.C. Taylor
DATE OF BEGINNING: DATE OF COMPLETION: Field work:	1960
	(?) 1962
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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PROJECT:	G.S. 60-11. Triassic of B.C.
LOCATION:	B.C.; mainly northeast part
OBJECTIVE:	Strat. pal. study of Triassic strata
PERSONNEL:	E.T. Tozer
DATE OF BEGINNING: DATE OF	1960
COMPLETION: Field work: Prelim. pubs: Final pubs:	(?) (?) (?)
PUBLICATIONS:	Paper 61-6

PUBLICATIONS OUTSTANDING: Bulletin or memoir (Field Project)

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PROJECT:

G.S. 60-12. Nicola map-area

LOCATION:	B.C.; 92 I E2
OBJECTIVE:	4-mile mapping of surficial formations. To provide information requested by Department of Agriculture (Ph.D. Thesis project)
PERSONNEL:	R.J. Fulton (Supervision by H.S. Bostock, J.G. Fyles, 1960; J.E. Armstrong, 1961)
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) 1962 (?)
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	Bound copy of thesis Maps and reports

# GEOLODICAL SURVEY OF CAMPA

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Uncidential frances appling of sumfraces formations provide information requested by Depar of Arrisulture (FLD, Treats crotech)

300001: H.J. Fulton (Supervision by H.S. Besteck, J.G. Pyles, 1960) J.S. Armanay, 1970.

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DATE DF GEMPLETION: Field works 1951. Freilin, puber 1967 Field puber 19

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G.S. 60-13. Windermere map-area E2

LOCATION:	Alta.; 82 J $\mathbb{E}_2^1$
OBJECTIVE:	4-mile mapping of surficial deposits east of Rocky Mountains
PERSONNEL:	A.M. Stalker
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 1962 (?)
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

PROJECT:

Preliminary and final maps and reports

Project Cancelled

(Prolotical Project)

ROJECT: 0.5. 50-13. Windermete ukd-are

LOCATION:

A subscripts: A-mile assoint of surfatel deposits such a

PERSONNEL: A.M. Statler

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DATE OF CORPUSPION: Field work: Frod Fridda, Jaket (1)

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PROJECT:	G.S. 60-14. West border Canadian Shield
LOCATION:	Alta. and Sask.; Precambrian parts of 74 C, E, F
OBJECTIVE:	4-mile mapping. To complete mapping of border of Shield in Alberta and Saskatchewan
PERSONNEL:	L.P. Tremblay
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) 1961 (?) (?)
PUBLICATIONS:	Maps 10-1961, 16-1961

PUBLICATIONS OUTSTANDING: Final maps and reports

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DEATION: Alts. and Sask. | Precimbring parks of 74 C. E. I

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PROJECT:	G.S. 60-15. Elbow map-area (includes G.S. 58-20)
LOCATION:	Sask.; 72 0
OBJECTIVE:	4-mile mapping of surficial geology of area including south Saskatchewan River power and damsite
PERSONNEL:	J.S. Scott
DATE OF BEGINNING:	1960 (Thesis work commenced in 1958)
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1961
PUBLICATIONS:	Thesis on Areas 72 0/2, 0/6, 0/7 Paper 61-15 in press
PUBLICATIONS OUTSTANDING:	Final maps and report.

#### GEOLOGICAL SURVEY OF CALLOIS (Field Project)

FiloJBOT: 0.5. 60-15. Kilow majetrea (discludes G.S. S8-20)

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PROJECT:	G.S. 60-16. Orebody studies on Coronation Mine
LOCATION:	Sask.; Coronation Mine
OBJECTIVE:	A comprehensive study of all geological aspects of an orebody as proposed by N.A.C. A cooperative project coordinated by the Geological Survey. H.B.M.&S. Co. is cooperating and it is hoped that universities, Provincial governments, and others will participate
PERSONNEL:	D.R.E. Whitmore, coordinator
DATE OF BEGINNING: DATE OF	1960
COMPLETION: Field work:	continuing

Field work: continuing Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final reports and outside publications as warranted

# (trojeti blali)

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PROJECT :	G.S. 60-17. Whisky Jack Lake
LOCATION:	Man.; 64 K
OBJECTIVE:	4-mile mapping
PERSONNEL:	K.L. Currie
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1960 1961 (?)
PUBLICATIONS:	Map 52-1960
PUBLICATIONS OUTSTANDING:	Final maps and reports

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PRODUCT: 0.3. SD-DJ, Million Field

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PROJECT: G.S. 60-18. Cross Lake

LOCATION: Man.; 63 I

OBJECTIVE: 4-mile mapping. To complete mapping of area

PERSONNEL: C.K. Bell

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1960 (?) Final pubs: (?)

PUBLICATIONS: Preliminary map in press

PUBLICATIONS OUTSTANDING: Final maps and reports RG

#### ONDIGAL BURYET OF DALLIM (Field Project)

Rudect: 0.2. 60-18. Gross Lake

LOCATION: Man.; 63 I

Link, Ball.

PERSONNEL:

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COMPLETION: Field work: 1960 Fredim: Suber 1960 Floot schet (1)

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PROJECT:	G.S. 60-19. Western Ontario surficial (G.S. 59-19, Roads to Resources)

LOCATION: Ont.; 42 M; 43 D; 52 N, O, P; 53 A, B, C

OBJECTIVE: To investigate the surficial geology in conjunction with Roads to Resources project

PERSONNEL: V.K. Prest

- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1962 Final pubs:

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and final report

PROJECT :	G.S. 60-20. Western Ontario geochemical (G.S. 59-19, Roads to Resources)
LOCATION:	Ont.; 42 M; 43 D; 52 N, O, P; 53 A, B, C
OBJECTIVE:	A reconnaissance geochemical survey in conjunction with Roads to Resources program
PERSONNEL:	R.H.C. Holman
DATE OF	
BEGINNING:	1960
DATE OF COMPLETION:	
Field work: Prelim. pubs: Final pubs:	1961 (?) (?)
FINAL pubs:	
PUBLICATIONS:	None
PUBLICATIONS	
OUTSTANDING:	Preliminary maps. Final report to be decided, probably a bulletin

# ALARTIC NO 1211118 (AADLEANNE)

REDEDT: 0.3. 80-20. Workers IntaXis geochedical (0.3. 59-19. Nortz to Baseurces)

OBJECTIVE: A recommunication processing at survey is continuelles with Bases to investment recomment

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#### 72 - TM

LOCATION: Ont.; 42 M; 43 D; 52 N, O, P; 53 A, B, C	PROJECT:	G.S. 60-21. Western Ontario geophysics (G.S. 59-19, Roads to Resources)	
	LOCATION:	Ont.; 42 M; 43 D; 52 N, 0, P; 53 A, B, C	

- OBJECTIVE: An investigation and interpretation of aeromagnetic anomalies in conjunction with Roads to Resources project
- PERSONNEL: A.S. MacLaren
- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)
- PUBLICATIONS: Map 24-1961, in press

PUBLICATIONS							
OUTSTANDING:	Nature	of	further	report	to	be	decided
				-			

# (Stald Project)

 G.S. 60-21. Nostern Onterio geophysics (G.S. 99-19, Brain to Recorded)

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OBJECTIVE: An investigation and interpretation of antinegostic ansmalles in conjunction with Boads to Encources croster.

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PROJECT: G.S. 60-22. Trenton map-area (See also G.S. 58-24)

LOCATION: Ont.; 31 C SW

OBJECTIVE: 2-mile mapping of surficial geology of an area partly mapped at 1-mile scale

PERSONNEL: E. Mirynech

- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: 1961 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final maps Memoir to include also G.S. 58-24

#### 080100111, 018771 09 0.8404 (PLeXa Project)

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G.S. 60-23, Vaudreuil map-area

PROJECT:

LOCATION:	Que. and Ont.; 31 G/8
OBJECTIVE:	Ground-water survey and surficial geology mapping
PERSONNEL:	J.J.L. Tremblay, R.A. Freeze (H.A. Lee supervisor of mapping)
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	A bulletin submitted; final to be decided

(Pield Project)

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G.S. 60-24. Operation Ungeva

LOCATION:	Que.; west of Labrador Trough; 23 C, G, J; 24 D, E, L, M; 34 (except D and E)
OBJECTIVE:	8-mile mapping by helicopter. 1960 work involves reconnaissance and preparation for 1961 operation
PERSONNEL:	I.M. Stevenson
DATE OF BEGINNING:	1960
DATE OF COMPLETION:	

Field work: 1961 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

PROJECT:

Preliminary and final maps and reports

PROJECT: 0.3. SO-SM. Operation TORLOFF

LOCATION: Quo.: west of Labrador Trough; 23 (. 0, 4) 24 D. E. L. H: 34 (axakut B and S)

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G.S. 60-25. Ossokmanuan map-area

LOCATION:	Que. and Nfld.; 23 H $W_2^1$
OBJECTIVE:	4-mile mapping. To complete reconnaissance mapping of SE Trough
PERSONNEL:	H.R. Wynne-Edwards

DATE OF BEGINNING: 1960

PROJECT:

DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: Map 17-1961

PUBLICATIONS OUTSTANDING: Final map and report

# (Field Project)

PROJECT: 0.5. 60-25. Densionant man-area

INCATION: Que, and NULA, 23 H M

OBJECTIVE: A-mile supplet. To resplete recensionance satisfies of 38 Trough

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G.S. 60-26. Bay of Chaleur

LOCATION:	Que. and N.B.; Bay of Chaleur
OBJECTIVE:	Geochemical study of submarine sediments (Ph.D. thesis project)
PERSONNEL:	R.G. Pirie (Supervision by R.W. Boyle)
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) (?)

PUBLICATIONS: None

PROJECT:

PUBLICATIONS OUTSTANDING: To be decided. Bound copy of thesis Addition of the set of

replater: 0.8. 50-25. Bay of Obalant

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- PROJECT: G.S. 60-27. Moncton ground water
- LOCATION: N.B.; 21 1/2, H/15 W2, H/14 E2
- OBJECTIVE: Ground-water survey
- PERSONNEL: P.A. Carr
- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin submitted. Nature of final report to be decided ACLINE (D) YETHUR, LABORADO 1988

PROJECT: 0.3. 60-27, Manetan ground secon

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PROJECT:	G.S.	60-28.	Cheticamp,	Margaree	and
	Lake	Ainslie	map-areas		

- LOCATION: N.S.; 11 K/11, K/6, K/3
- OBJECTIVE: 1-mile mapping. Revision of potential oil and mineral areas
- PERSONNEL: D.G. Kelley
- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Final maps and report, possibly a memoir

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G.S. 60-29. Annapolis map-area

OBJECTIVE:	4-mile mapping
PERSONNEL:	F.C. Taylor
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	

N.S.; 21 A, B E

PROJECT:

LOCATION:

PUBLICATIONS: Map 48-1960 (21 B  $E_2^1$ )

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports (Evel Provide Transler)

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LOCATION: N.S.: 21 A. B Rg

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G.S. 60-30. Hopewell map-area

PROJECT:

OUTSTANDING:

LOCATION:	N.S.; 11 E/7
OBJECTIVE:	1-mile mapping with special attention to carboniferous stratigraphy
PERSONNEL:	D.G. Benson
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) (?) (?)
PUBLICATIONS:	Map 1-1961
PUBLICATIONS	

Preliminary and final maps and reports

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OBJECTIVE: L-mile Supples with approximation to embroir/envise stratignedity

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PROJECT: G.S. 60-31. Sandy Lake

LOCATION: Nfld.; 12 H E

OBJECTIVE: 4-mile mapping of area partly mapped at 1-mile scale

PERSONNEL: E.R.W. Neale, W.A. Nash

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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PROJECT:		Paradise map-area.	
	map for G.S.	54-50 (Rencontre ma	p-area)

LOCATION: Nfld. 1 M E

OBJECTIVE: 4-mile mapping of partly mapped area

PERSONNEL: F.D. Anderson (B.L. Smith 1954)

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1960 Prelim. pubs: 1961 (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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G.S. 60-33. Northeast coast Newfoundland

LOCATION: Nfld.; NE coast, White Bay to Trinity Bay, possibly also Burin Peninsula OBJECTIVE: Reconnaissance mapping of glacial and postglacial shorelines and associated deposits

PERSONNEL: E.P. Henderson

DATE OF BEGINNING: 1960

PROJECT:

DATE OF COMPLETION: Field work: 1961, 1962 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin

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PROJECT:	G.S. 60-34. Grenville region	
LOCATION:	Que. and Ont.; entire Grenville region (See also G.S. 59-26)	
OBJECTIVE:	To do reconnaissance in selected areas and develop techniques for 4-mile mapping of Grenville rocks. This project does not, however, include the wholesale mapping of the Grenville area.	
PERSONNEL:	G.M. Wright, M. Tremblay, W.W. Heywood	
DATE OF BEGINNING:	1960	
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	<pre>continuing (?) (?)</pre>	
PUBLICATIONS:	None	

PUBLICATIONS OUTSTANDING: To be decided

# GEOLOGICAL SURVEY OF CAVACA

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G.S. MC-34. Grammilia rarion

ATION: Que, and Oct. ; entire Grane

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PROJECT: G.S. 60-35. Barium, fluorine, and strontium in Canada

LOCATION: Canada

OBJECTIVE: To provide information on the mode of occurrence, distribution, origin and the classification of the deposits and principal occurrences of barium, fluorine, and strontium

PERSONNEL: W.D. McCartney

DATE OF BEGINNING: 1960

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1960 Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary reports and Economic Geology Report

#### GEOLOGICAL SURVEY OF CIMACA (Field Freeject)

PROJECT: . 0.5. 60-35. Surbum, flaorino, and strottick in Canada

CATTON's Capacity

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PROJECT:	G.S. 60-36. National Parks
LOCATION:	Canada
OBJECTIVE:	To provide texts on the geology of the National Parks of Canada written in 'popular' style
PERSONNEL:	D.M. Baird
DATE OF BEGINNING:	1960
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 none planned 1963-64 (?)
PUBLICATIONS:	Misc Rept 2 Fundy National Park, in press Misc Rept 3 Prince Edward Island, in press
PUBLICATIONS OUTSTANDING:	Series of booklets, with appropriate maps, for other National Parks

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ocATION: Canada

OBJECTIVE: To provide Longs on the goology of the Matianal. Funds of Canada weither in "popular" style

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PROJECT: G.S. 60-37. Submarine Geology; Arctic Ocean adjacent to Queen Elizabeth Islands

LOCATION:

District of Franklin

- OBJECTIVE: Distribution, origin, lithologic, and biologic character of sediments on Continental Shelf areas Photographic interpretation of sea floor
- PERSONNEL: B.R. Pelletier
- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: continuing project Prelim. pubs: 1961 Final pubs:
- PUBLICATIONS: Paper 61-21, in press

PUBLICATIONS OUTSTANDING: Papers and bulletins

#### GEOLOGICAL SURVES OV CANADA (PLoid Projects)

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OBJECTIVES Distribution, origin, lithologic, and biologic descenter of sediments on Continental Shelf areas Photographic interpretation of sea floor

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G.S. 61-1. Andrew Gordon Bay; Cory Bay

LOCATION:	District of Franklin; 36 B, G
OBJECTIVE:	4-mile mapping; structural geology of gneisses, iron occurrences
PERSONNEL:	R.G. Blackadar
DATE OF BEGINNING:	1961
DATE OF COMPLETION:	
Field work:	
Prelim. pubs: Final pubs:	1962 (?)
DIDI TO ATTONO	News

PUBLICATIONS: None

PROJECT :

PUBLICATIONS OUTSTANDING: Preliminary and final report

# GEOLOGIC SURVEY OF CAMADA

PROJECT: G.S. 61-1. Andrew Cordon Bay: Comp Bay

ATION: District of Frenklin; 26 B. C.

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PROJECT:	G.S. 61-2. Axel Heiberg and Ellesmere Islands
LOCATION:	District of Franklin
OBJECTIVE:	8-mile mapping of post-Precambrain formations
PERSONNEL:	R. Thorsteinsson, E.T. Tozer, H. Trettin, J.W. Kerr
DATE OF BEGINNING: DATE OF	1961
COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 1962 (?)
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

Preliminary and final reports

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DIATION: District of Frenchise

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PROJECT: G.S. 61-3. Submarine Geology

LOCATION: Franklin; Peary Channel adjacent to Ellef Ringnes, Amund Ringnes, Axel Heiberg, and Meighen Islands

OBJECTIVE: Distribution, origin, and lithologic and biologic character of sediments on inshore and channel areas

PERSONNEL: D.R. Horn

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: --Final pubs: 1964
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Final report

# ALLAS TO TRANS DALL PALAD

Frankits; Beary Calence, adjacent to Elise Ringres Asing Ringree, Axel Heiberg, and Melaken Islands;

OBJECTIVE: Distriktoring ordging and hibblecie and biologic

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PROJECT: G.S. 61-4. Surficial geology of Axel Heiberg and Western Ellesmere Islands (See G.S. 61-2)

LOCATION:

Franklin District

- OBJECTIVE: Reconnaissance (8-mile) mapping of the surficial geology
- PERSONNEL: J.G. Fyles
- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1962 (?) Prelim. pubs: (?) Final pubs: (?)
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

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South ... 0.5, 51-5. Surfitial geology of Aval Maiberg and Washery and Stateday (See 0.5. 61-2)

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JECTIVE: Reformationance (8-cile) supplies of the rurflets realizer

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G.S. 61-5. Hudson Bay (submarine geology)

; 44, 45, 54, 55
and map bottom sediments; to interpret ogic history of the deposits; and to t the physiographic history of the Bay
lie (thesis)

DATE OF BEGINNING: 1961

PROJECT :

DATE OF COMPLETION: Field work: Continuing project Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary summary of 1961 seasons work to be prepared as soon as practicable. Final report

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PROJECT: 3.8, 51-5, Notets 3ag (astronying colory)

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G.S. 61-6. Aeromagnetic survey

District of Mackenzie; Big Bend of Coppermine River

OBJECTIVE:	Aeromagnetic survey of Muskox complex at 1/4-mile flight line spacing and 500-foot terrain clearance
PERSONNEL:	K.H. Owens, F. Essex, D. Reveler, D. Kempt, J. Houlihan
DATE OF BEGINNING:	May 1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	May 1961

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

PROJECT:

LOCATION:

A series 1 inch to 1 mile aeromagnetic map, to be published under 0.P. 17

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G.S. 61-7. Operation Porcupine

PROJECT:

LOCATION:	Northern Yukon; 65° to Beaufort Sea; 132°-141°
OBJECTIVE:	Reconnaissance mapping of potential oil and gas region
PERSONNEL:	D.K. Norris (in charge)
DATE OF BEGINNING:	1961 (Cache and preliminary recce. phase. Operation to be carried out in 1962)
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 (?) (?)
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	To be decided

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PROJECT: G.S. 61-8. Heavy mineral phase of Project Klondike (see G.S. 60-8)

LOCATION: Yukon; Klondike District; 115 I, J, K E2, N E2, O, P

OBJECTIVE: To assist the placer gold industry

- PERSONNEL: C.F. Gleeson and C.R. McLeod
- DATE OF BEGINNING: 1960
- DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)
- PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING: To be decided

# (Field Tre-Jack)

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PROJECT:	G.S. 61-9. Surficial geology of Operation Ogilvie
LOCATION:	Yukon; Nash Creek 106 D, Larsen Creek 116 A, Dawson 116 B, C Ez
OBJECTIVE:	To map at 4-mile/inch the surficial formations of the area covered by Operation Ogilvie
PERSONNEL:	P. Vernon (O.L. Hughes is supervisor)

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

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PROJECT:	G.S. 61-10. McLeod Lake
LOCATION:	B.C.; 93 J
OBJECTIVE:	4-mile mapping
PERSONNEL:	H.W. Tipper, J.E. Muller
DATE OF BEGINNING: DATE OF	1961
COMPLETION: Field work: Prelim. pubs: Final pubs:	1962
PUBLICATIONS:	Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

### GROLOMOLL SURVEY OF LINLON (FEELS FEELENT)

PROJECT: 0.8, S.-10, Related Late.

LOCATION: 5.0.1 93

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PROJECT:	G.S. 61-11. Taseko Lakes
LOCATION:	B.C.; 92 0
OBJECTIVE:	4-mile mapping
PERSONNEL:	H.W. Tipper
DATE OF BEGINNING: DATE OF	1961
COMPLETION: Field work: Prelim. pubs: Final pubs:	1963
PUBLICATIONS:	Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

# GROLDEL SCIVET OF CARADA

rroabort 0,8, 61-11. Jaseko Lakee

#### LOCATION: P.G.1 92.0

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ASCINETA: D. R. M. M. MARKINER

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PROJECT:	G.S.	61-12.	Quesnel	Lake	Ez

LOCATION: B.C.; 93 A E2

- OBJECTIVE: 4-mile mapping
- PERSONNEL: R.B. Campbell
- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1962 Prelim. pubs: 1963 Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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PROJECT:	G.S. 61-13. Trail-Rossland
LOCATION:	B.C.; 82 F/4
OBJECTIVE:	l-mile mapping
PERSONNEL:	H.W. Little
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	(?) (?) (?)
PUBLICATIONS:	Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

#### GEOLOGICAL SULVEY OF CARADA (Field Fra ject)

Project: 0.8. 61-13. Trail-dose land

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	survay of Manaimo-Automotive of Tollinks May same as
LOCATION:	NE British Columbia Foothills
OBJECTIVE:	Detailed stratigraphy, facies study, and correlation of Fort St. John and equivalent strata - Peace River to 60th parallel

G.S. 61-14. Cretaceous stratigraphy

PERSONNEL: D.F. Stott

DATE OF BEGINNING: 1961

PROJECT:

DATE OF COMPLETION: Field work: 1962 (?) Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final reports

# GEOLOFICIL SURVEY OF CLARD.

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LUCATION: AN British Columpia Footbill

DBUSCTIVE: Detailed stratigraphy, facies study, and correlation
of Fort St. Join and equivalent strate - Peace Hiver
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PROJECT:	G.S. 61-15. Surficial geology and ground-water survey of Nanaimo-Duncan-Gulf Islands map-areas
LOCATION:	B.C.; 92 F/1 E <sup>1</sup> <sub>2</sub> , G/4, C/16, B/13, 14
OBJECTIVE:	The mapping of the surficial geology is in support of ground-water investigation
PERSONNEL:	E.C. Halstead (surficial geology) A. Treichel (ground water)
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	(?) (?) (?)
PUBLICATIONS:	None
PUBLICATIONS	

OUTSTANDING: To be decided

### ADDOLOAL SURVEY OF CANADA

PROJECT: G.S. 61-15. Surficial geology and ground-water auryey of Manaimo-Suncan-Gulf Islando man-areas

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B.G. 1 92 F/1 Bh. G/A. C/16. B/13. 14

OBJECTIVE: The mapping of the surficial geology is in support of ground-vator investigation

> PRODUNEL: E.G. Halstead (surficial geology) A. Treichel (sround stater)

> > AVEC OF

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PROJECT:	G.S. 61-16. Aeromagnetic survey
LOCATION:	B.C.; Prince George District; Parts of, mainly, 93, A, B, F, G, J, K, N, O
OBJECTIVE:	Aeromagnetic survey at 2-mile flight line spacing and 1,000-foot terrain clearance. In cooperation with B.C. Dept. of Mines and Petroleum Resources
PERSONNEL:	K.H. Owens, F. Essex, D. Reveler, J. Kempt, H. Houlihan
DATE OF BEGINNING:	May 1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	Sept-Oct 1961
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

A series of 1 inch to 1 mile aeromagnetic maps, to be published under O.P. 17

B.C. J. Printe George District; Farts of, mining 93, A, B, F, G, J, K, B, D

CEJECTIVE: Arrangeous and envey at frails flight hime special and 1,000-foot terrain clearance. In respectivities with 3.0. Days, of Mines and Febrolaus Measurees

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- PROJECT: G.S. 61-17. Gravel deposits along the Strait of Georgia
- LOCATION: B.C.; parts of 92 B, C, F, G, K
- OBJECTIVE: To assist in mineral resources inventory

PERSONNEL: S.F. Leaming

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

#### GEOLOGICAL SURVES OF CLUDS (Field Project)

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LOCATION:	British Columbia and Alberta; Fernie 82 G Ez
OBJECTIVE:	Detailed mapping, study, and interpretation of

G.S. 61-18. Geometry and mechanics of folding

the configuration and mechanics of folded faulted, and otherwise complex structural conditions

PERSONNEL: D.A. Price

DATE OF BEGINNING: 1961 DATE OF

PROJECT:

COMPLETION:		
Field work:	1961	
Prelim. pubs:	1962	(?)
Final pubs:	(?)	

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final reports

### BULDERAL STRIVER OF CARLES

PROJECT: 0.5. 61-15. Gednostry and machanics of friday

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District Detailed mapping, stady, and interprediction of the soull paration and beingmain of Folted Faulted, and otherwites consists or restricts & second constant

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PROJECT:	G.S. 61-19.	Ordovician a	and Silurian	Biostratigraphy
	of British Co	olumbia and A	Alberta	

LOCATION: Mt. Robson, Alberta; Fernie W<sup>1</sup><sub>2</sub>, Pine Pass, McLeod Lake, Rabbit River, B.C. and adjacent areas

OBJECTIVE: Detailed study of Ordovician and Silurian sections and sampling of the contained faunas

PERSONNEL: B.S. Norford

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: 1961 Prelim. pubs: Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletins in association with 0.P. 218

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Mb. Bolann, Albertas Fermie We, Pine Puss, Melend Lake, Babbit Hiver, B.C. and adjacent areas

OBJECTIVE: Detailed shudy of Ordovician and Bilu-in sections ended one

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**PROJECT:** 

G.S. 61-20. Mississippian and Permo-Pennsylvanian stratigraphy

LOCATION:

B.C. and Alta.; Southern Rocky Mountains and Foothills (82 G, J, O)

**OBJECTIVE:** 

Detailed study of stratigraphy, subdivisions, facies, correlation, and petrographic character of late Palaeozoic succession

PERSONNEL:

D.L. Scott (thesis)

- DATE OF BEGINNING:
- DATE OF COMPLETION: Field work: 1962 Prelim. pubs: (?) Final pubs: (?)

1961

Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

To be decided

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### DECLOCIDAL SUBJECT OF CATEGORY

9.3. 51-20. Mississippies ed Fernandenstan

NATION: B.G. and MIAAA Southern D. (82 G. J. C)

OBUSPTIVE: Detailed state of "strately adaptive adaptive, Indian CBUSPTIVE: adaptive of strategy and not experimented adaptive of a constraint of the con

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PROJECT:	G.S. 61-21. Pre-Devonian stratigraphy
LOCATION:	Alta.; 82 N, O; 83 B,C,D,E,F
OBJECTIVE:	Study of pre-Devonian stratigraphy in such detail as to permit precise correlations and to delineate depositional trends and to develop criteria by which subsurface pre-Devonian strata of the foothills and planes may be correlated with the exposed sections.

PERSONNEL: J.D. Aitken (Calgary office)

DATE OF BEGINNING: 1961 DATE OF COMPT PUTON .

COMPL	GITON:	
Field	work:	(?)
Prelim.	pubs:	(?) (?) (?)
Final	pubs:	(?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

### GEOLOGICAL SURVEL OF CARACL

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That: 82 N, 0; 83 8,0,0,2,7

Tive: Study of pro-Devenion stratigned in mob depair as to points prealed correlations and to delinate depositional trends and to develop criteria by suich pubsuriase pro-Devosias strats of the loothille and planes may be correlated with the strated cotions.

Lie Attan (Saiser office)

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PROJECT:	G.S. 61-22. Lethbridge map-area $(E_2^1)$
LOCATION:	Alta.; 82 H $E_2^1$
OBJECTIVE:	4-mile reconnaissance mapping of the surficial geology
PERSONNEL:	A.M. Stalker
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 (?) (?)
PUBLICATIONS:	None
PUBLICATIONS OUTSTANDING:	To be decided

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PRODUCTS . G.S. SL-RE. Lithbridge imp-syde (25)

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PROJECT: G.S. 61-23. Study of Upper Devonian Reefs

LOCATION: Alta.; Eastern Rocky Mts. - Brazeau River and vicinity (83 C)

OBJECTIVE: To determine the lithic, biogenic, and petrographic features of reefs to aid in an understanding of their mode of origin and to serve as a standard for comparison of known oil and gas bearing reefs in the subsurface elsewhere in Alberta

PERSONNEL: W.S. Mackenzie (thesis)

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1962 Prelim. pubs: (?) Final pubs: (?)
- PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

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PROJECT: G.S. 61-24. Seismic refraction and reflection surveys
LOCATION: Southern Saskatchewan; Vaudreuil map-area, Quebec
OBJECTIVE: To assist and supplement ground-water and surficial investigations by the use of seismic reflection, refraction, and high resolution techniques to determine the outline and depths of buried river channels in southern Saskatchewan and Vaudreuil map-area, Quebec.

PERSONNEL: G. Hobson, H.A. McAuley, R. Hodge

DATE OF BEGINNING: May 1961

DATE OF COMPLETION: Field work: Sept-Oct 1961 Prelim. pubs: 1962 Final pubs:

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and possibly final maps and reports

### (Product Rectory)

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PROJECT: G.S. 61-25. Resistivity ground water surveys

LOCATION:

Southern Saskatchewan

OBJECTIVE: To develop and test resistivity equipment in cooperation with the Saskatchewan Research Council. To undertake experimental resistivity surveys for ground water in areas being covered by McAuley's seismic surveys in Southern Saskatchewan

PERSONNEL: J.E. Wyder

DATE OF BEGINNING: 1961

DATE OF	
COMPLETION:	
Field work	continuing
Prelim. pubs:	1962
Final pubs:	(?)

PUBLICATIONS:

PUBLICATIONS OUTSTANDING:

Preliminary and final reports

### (Field Project)

PROJECT:

0,5. 61-25. Hestatistic ground water survey

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PROJECT: G.S. 61-26. Gods River

LOCATION: Man.; 53 N

- OBJECTIVE: 4-mile mapping
- PERSONNEL: R.R. Potter
- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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G.S. 61-27. Tadoule Lake

OBJECTIVE:	4-mile mapping
PERSONNEL:	W.L. Davison
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	
PUBLICATIONS:	Nil

Man.; 64 J

PUBLICATIONS OUTSTANDING:

PROJECT:

LOCATION:

Preliminary and final maps and reports

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PROJECT:	G.S. 61-28. Kasmere Lake
LOCATION:	Man.; 64 N
OBJECTIVE:	4-mile mapping
PERSONNEL:	J.A. Fraser
DATE OF BEGINNING: DATE OF COMPLETION: Field work:	1961
Prelim. pubs: Final pubs:	1962 (?)
PUBLICATIONS:	Nil

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports

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G.S. 61-29. Riding Mountain area (thesis project)

LOCATION:	Man.; 62 K (Manitoba part only)
OBJECTIVE:	4-mile mapping of the surficial geology of the area which contains the easterly extension of buried channels mapped by Sask. Res. Council
PERSONNEL:	R.W. Klassen (A.M. Stalker, supervisor)
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 (?) (?) (?)
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

PROJECT:

Copy of thesis plus publication of map at least

G.S. 61-30. Bruce Mines

LOCATION: Ont.; 41 J/5

OBJECTIVE: 1-mile mapping

PERSONNEL: M.J. Frarey

DATE OF BEGINNING: 1961

PROJECT:

DATE OF COMPLETION: Field work: 1961 (?) Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports

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G.S. 61-31. Gananoque, Mallorytown W2, Brockville W2

OBJECTIVE:	1-mile mapping
PERSONNEL:	H.R. Wynne-Edwards
DATE OF BEGINNING:	1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1962 (?) (?) (?)

Ont.; 31 C/8, 31 B/5 W2, 31 B/12 W2

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING:

PROJECT:

LOCATION:

Preliminary and final maps and reports



PROJECT:	Development of an ground water	airborne and a	round

LOCATION: Ontario and New Mexico

OBJECTIVE: To develop and test a ground and airborne device for the purpose of detecting ground water

PERSONNEL: L.S. Collett, B. Bhattacharyya and Howard Knapp

DATE OF BEGINNING: April 1st 1961

DATE OF COMPLETION: Field work: (?) Prelim. pubs: --Final pubs: --

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Paper to be agreed on later with cooperating company

#### usonautical survivo or catabor (Traid Project)

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G.S. 61-33. Metallogenitic studies of Huronian rocks

LOCATION:	Ont. and Que.; Sault Ste. Marie to Chibougamau
OBJECTIVE:	To study the stratigraphy and geochemistry of Huronian rocks with special attention to basal contact and metalliferous concentrations related thereto
PERSONNEL:	S.M. Roscoe
DATE OF BEGINNING:	1961

DATE OF	
COMPLETION:	
Field work:	(?)
Prelim. pubs:	(?)
Final pubs:	(?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

PROJECT:

Periodic reports of progress as papers or bulletins

PROJECT:	G.S. 61-34.	Sutton	
	*		

LOCATION:

Que.; 31 H/2

OBJECTIVE: 1-mile mapping

PERSONNEL: P.R. Eakins

DATE OF BEGINNING: 1961 DATE OF COMPLETION: Field work: 1961 Prelim. pubs: 1961 Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports

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PROJECT: G.S. 61-35. Surficial geology in the region of Rivere-du-Loup

LOCATION: Que.; precise area to be decided in the field

OBJECTIVE: Investigation of the relation of St. John River ice lobe to other parts of Laurentide ice sheet

PERSONNEL: H.A. Lee

DATE OF BEGINNING: 1961 DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary and final map and reports

#### ACANAD IO TIVIUE JADIOGUSE (Bield Project)

PROJECT: 0.3. 61-35. Sartialal realogy is the region of Sivere-du-Long

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OPJENTIVE: Investigation of the relation of 55. John Hiver of Lawrengide ins sheet

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PROJECT: G.S. 61-36. Investigation of possible source of dyke material at request of Montreal Harbours Board

LOCATION:

Que.; Montreal region

OBJECTIVE: Appraisal of geology as known or as briefly investigated in order to locate proper source of material

PERSONNEL: E.B. Owen

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: A few days a year for several years Prelim. pubs: (?) Final pubs: None (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Probably only topical reports

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PROJECT: G.S. 61-37. Cobequid Mountains

LOCATION:

## Nova Scotia; 11 E/12, 21 H/9 (parts of)

OBJECTIVE: 1-mile mapping

PERSONNEL: D.G. Kelley

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1962 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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PROJECT: G.S. 61-38. Micropalaeontology and bottom sediments submarine geology

LOCATION:

Southern Nova Scotia Shelf

OBJECTIVE: To study the bottom sediments and contained microfossils of the Atlantic Continental Shelf adjacent to SE Nova Scotia for the purpose of relating the faunas to sedimentary texture and thus distinguishing between transported and indigenous species

PERSONNEL: I.A. Bartlett (M.Sc. Thesis)

DATE OF BEGINNING: 1961

DATE OF COMPLETION:

Field	work:	(?)
Prelim.	pubs:	1962
Final	pubs:	(?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING:

Preliminary summary as soon as practicable after completion of 1961 season To be determined

## ABALOUIDAL SHRIVAT OF CANADA

PROJECT:

U.S. 51-33. Microphismoniclety and botton sadin submarine goology

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Description To Study the bottom andimants and contained microfonsile of the Atlantic Continental Shelf adjacent to 35 Nova Sacaia for the parpens of relating the founds to evaluantian test interes of this the distinguishing between transported and hullgebone symples

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- PROJECT: G.S. 61-39. Botwood W12
- LOCATION: Nfld. (Island) 2 E W2
- OBJECTIVE: 4-mile mapping
- PERSONNEL: H. Williams
- DATE OF BEGINNING: 1961 DATE OF COMPLETION: Field work: 1962 Prelim. pubs: 1963 Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING:

Preliminary and final maps and reports

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G.S. 61-40. Tin deposits in Canada

OBJECTIVE:	To study and compile the geolog and occurrences to help mineral	
PERSONNEL:	R. Mulligan	
DATE OF BEGINNING:	1961	

Canada

DATE OF COMPLETION: Field work: 1962 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS:

PROJECT:

LOCATION:

PUBLICATIONS OUTSTANDING: Preliminary report, Economic Geol. Report GERLOOD AUTOR DO CASA CA

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PROJECT:	G.S. 61-41. oil and gas	Geochemical	prospecting	methods	for
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LOCATION: Alta. and Ont.

OBJECTIVE: Prospecting methods are to be investigated by a study of hydrocarbon content of rocks and soils

PERSONNEL: A. Debnam (Post-doctorate research fellow)

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1962 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: As dictated by results (Prefer Prefect)

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PROJECT: G.S. 61-42. Stratigraphic Pleistocene palynology of Canada

LOCATION:

Canada

OBJECTIVE: To establish throughout Canada a basis for correlating Pleistocene formations by study of pollen. 1961 phase is on Project Klondike, Yukon, and the Maritimes, and Ontario

PERSONNEL: J. Terasmae

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: continuing Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Reports as warranted by results

## (Rield Project)

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PROJECT:	G.S. 61-43. Hammer Seismic Refraction Survey
LOCATION:	Rustice, P.E.I; Moncton and vicinity, N.B.; Yukon; Klondike District
OBJECTIVE:	Hammer seismic surveys to determine depth of overburden in each area
PERSONNEL:	C. Gauvreau, L. Frankel, P.A. Carr, O.L. Hughes
DATE OF BEGINNING:	June 1961
DATE OF COMPLETION: Field work: Prelim. pubs: Final pubs:	1961 1962
PUBLICATIONS:	None

PUBLICATIONS OUTSTANDING:

Data to be incorporated into Dr. Frankel's report

## SOLDER AL SUSVER OF COULDA

ROJECT: 0.5. 61-63. Human Johnson Wolfraching Survey

LOCATION: Dustice, F.E.L; Monstan and visinity, M.B.;

DEJECTIVE: Remost salante surveys to debinde depth of

Gaurdolu, L. Frenkell, P. G. Durr, G. L. Buches

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PROJECT:

G.S. 61-44

LOCATION:

Canadian Shield

**OBJECTIVE:** 

Study of Diabase Dykes

PERSONNEL: W.F. Fahrig

DATE OF BEGINNING: 1961

DATE OF COMPLETION: Field work: (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: Nil

PUBLICATIONS OUTSTANDING: Bulletin

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PROJECT: G.S. 61-45. Stratigraphy and Palaeontology of Devonian Outliers

LOCATION: NW Sask., NE Alta., Upper Mackenzie River

OBJECTIVE: To study the lithologic and faunal succession of Devonian rocks at the above general localities

PERSONNEL: A.W. Norris

- DATE OF BEGINNING: 1961
- DATE OF COMPLETION: Field work: 1961 Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided and Astrony Survey of College

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G.S. 61-46. Battle Harbour-Cartwright

OBJECTIVE:	8-mile mapping
PERSONNEL:	K.E. Eade
DATE OF BEGINNING:	1961
DATE OF COMPLETION:	

Field work: 1962 (?) Prelim. pubs: (?) Final pubs: (?)

PUBLICATIONS: Nil

PROJECT:

LOCATION:

PUBLICATIONS OUTSTANDING: Preliminary and Final Maps and Reports (Project Lief)

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PROJECT: G.S. 61-47. Engineering Geology, Maritimes

LOCATION:

- N.B., N.S., P.E.I.
- OBJECTIVE: Engineering geology study of possible engineering project areas

PERSONNEL: J.S. Scott

DATE OF BEGINNING: 1961 DATE OF COMPLETION: Field work: 1962 Prelim. pubs: 1962 Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Maps and reports as work merits

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G.S. 61-1.8

FROODOT	from Labrador
LOCATION:	Que.; Schefferville area
OBJECTIVE:	1. To supplement the Survey's Cretaceous plant collections.

2. To retrieve specimens from the plant-bearing site which is in danger of being destroyed or covered by mining operations.

Collection of Cretaceous mlants

PERSONNEL: D.C. McGregor

DRO.TROT.

- DATE OF BEGINNING: June 1961
- DATE OF COMPLETION: Field work: July 1961 Prelim. pubs: --Final pubs: --
- PUBLICATIONS: None

PUBLICATIONS	
OUTSTANDING:	None

