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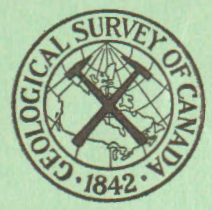
CANADA
DEPARTMENT OF MINES
AND
TECHNICAL SURVEYS

AUG 28 1961

GEOLOGICAL SURVEY OF CANADA

CATALOGUE
OF
CURRENT SCIENTIFIC ACTIVITIES
OF THE
GEOLOGICAL SURVEY OF CANADA

PART 1
FIELD
To June 30, 1961



OTTAWA
1961

PREFACE

CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

GEOLOGICAL SURVEY OF CANADA

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of
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to 30 June 1961

Part I

Field

Library
Geological Survey of Canada

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.

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:

8-mile or reconnaissance mapping. 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.

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

1-mile mapping. 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 aquifers and the quality and quantity of water available from them.

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.

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GEOLOGICAL SURVEY FIELD PROJECTS

Major Operations

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<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	<u>Location</u>
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 ★ 60-32	RG 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.

★ Project completed, transferred, inactive, or discontinued

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
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 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 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 57-1	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.	46-11 54-43	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

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

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
Derouin, E.	60-5 *	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 57-1	FS FS FS	Waterton, etc., Four and a half 1-mile areas Op. Mackenzie	Alta. Alta. Mack.
Duffell, S.	53-10 * 56-20 59-19	RG RG RG	Terrace, Mount Wright Roads to Resources	B.C. Nfld., N. Que. Ont.
Eade, K.E.	55-1 57-16 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 * 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 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 57-28-4	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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
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.)	Frank.
	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.
	56-19	EG	Ottawa,	Ont., Que.
Gauvreau, C.	61-43	G	Seismic refraction	P.E.I., N.B., Yukon
Gleeson, C.F.	61-8	EG	Op. Klondike (heavy min.)	Yukon
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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	<u>Location</u>
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.
Harker, P.	54-22 *	FS	Carboniferous	Alta.
	57-1	FS	Op. Mackenzie	Mack.
Harrison, J.M.	49-13	RG	Schefferville,	Nfld. & Que.
Hay, R.E.	59-25	RG	Sault Ste. Marie,	Ont.
Hayes, J.J.	49-31	RG	'Hodges Hill',	Nfld.
Henderson, E.P.	56-29	EG	Conception Bay,	Nfld.
	60-33	EG	N. coast	Nfld.
Henderson, J.F.	46-11	RG	Yellowknife,	Mack
Heywood, W.W.	54-27	RG	Ledge Lake,	Man., Sask.
	57-16	RG	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.
Horn, D.R.	61-3	FS	Submarine geology	Frank.
Houlihan, J.	61-6	G	Aeromag. surveys	Mack.
	61-16	G	Aeromag. surveys	B.C.
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
	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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
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 ★	RG	St. Leonard,	N.B.
Johnston, W.G.Q.	44-9	RG	Dasserat,	Que.
Kalliokoski, J.	50-35	RG	Gull Pond,	Nfld.
Kapp, H.	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 RG	Whycocomagh, St. Ann's, Cheticamp, etc., Cobequid Mts.,	N.S. N.S. N.S. N.S.
Kempton, J.	60-5 ★ 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.	60-6	EG	Geochemistry, met. rocks, etc.	Mack.
Lang, A.H.	48-6	EG	Uranium deposits	Canada
Laroche, A.	54-34 ★ 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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
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.
	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.
	43-31	FS	Lake Simcoe,	Ont.
	54-29	FS	Manitoulin Island,	Ont.
	59-21	FS	Palaeozoic	SE Ont.
Little, H.W.	47-5 *	RG	Ymir,	B.C.
	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
	61-48	FS	Cretaceous plants	Que.
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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
Mountjoy, E.W.	57-9	FS	Miette,	Alta.
	59-14	FS	Mount Robson,	Alta.
Muller, J.E.	50-5	RG	Kluane Lake,	Yukon
	59-11	RG	Pine Pass,	B.C.
	61-10	RG	McLeod Lake,	B.C.
Mulligan, R.	50-6 *	RG	Teslin Lake,	Yukon
	53-14	EG	Pegmatites	Man., Ont., Que.
	54-4	RG	Hill Island Lake,	Mack.
	55-15	RG	Split Lake,	Man.
	61-40	EG	Tin	Canada
Nash, W.A.	60-31	RG	Sandy Lake,	Nfld.
Neale, E.R.W.	54-44	RG	Cape Breton Park,	N.S.
	57-26	RG	Baie Vert,	Nfld.
	59-36	RG	Kings Point, etc.,	Nfld.
	60-31	RG	Sandy Lake,	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	FS	Op. Franklin	Frank.
	57-1	FS	Op. Mackenzie	Mack.
	61-45	FS	Outliers	Sask., Alta., Mack.
Norris, D.K.	55-14	FS	Livingstone,	Alta.
	56-11	FS	Beehive Mountain,	Alta.
	57-1	FS	Op. Mackenzie	Mack.
	58-17	FS	Carbondale,	Alta.
	61-7	FS	Op. Porcupine	Yukon
Owen, E.B.	58-27	EG	Ottawa - Hull,	Ont., Que.
	59-5	EG	Dam sites	Yukon
	61-36	EG	Montreal Harbour	Que.
Owens, K.H.	60-5 *	G	Aeromag. surveys	Ont., Mack., Sask.
	61-6	G	Aeromag. surveys	Mack.
	61-16	G	Aeromag. surveys	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	FS	Op. Mackenzie	Mack.
	58-14	FS	Tetsa River,	B.C.
	59-7	FS	Triassic	NE B.C.
	60-37	FS	Submarine geology	Frank.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
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 *	RG	Napadogan,	N.B.
	59-32	RG	Hayesville,	N.B.
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 (surf.)	Ont.
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.
	58-21 *	RG	Kettle Rapids,	Man.
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 *	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 *	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
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.

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

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
Stalker, A.MacS.	52-24	EG	Beiseker,	Alta.
	56-9	EG	MacLeod, etc.,	Alta.
	59-15	EG	Fernie	Alta.
	60-13	★ 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	★ RG	Chedabucto Bay,	N.S.
	60-24	RG	Op. Ungava	Que.
Stockwell, C.H.	44-9	RG	Dasserat,	Que.
	50-33	A	Gold fields	N.S.
	54-43	RG,EG	Bathurst,	N.B.
Stott, D.F.	55-13	★ FS	Alberta group	Alta.
	57-1	FS	Op. Mackenzie	Mack.
	58-16	FS	Cretaceous	Alta.,B.C.
	61-14	FS	Cretaceous	B.C.
Taylor, F.C.	✓ 54-4	RG	Hill Island Lake,	Mack.
	✗ 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.	55-5	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	★ 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 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.

<u>Author</u>	<u>Project</u>	<u>Division</u>	<u>Location</u>	
Tremblay, J.J.L.	51-41 ★	EG	Montreal,	Que.
	55-22	EG	Montreal,	Que.
	60-23	EG	Vaudreuil,	Que., Ont.
Tremblay, L.P.	52-9	RG	Beaverlodge,	Sask.
	59-16	RG	Phelps Lake,	Sask.
	60-14	RG	Canadian Shield	Alta., Sask.
Tremblay, M.	60-2	RG	Op. Back River	Keewatin
	60-34	RG	Grenville,	Que., Ont.
Trettin, H.	61-2	FS	Axel Heiberg, etc.,	Frank.
Vernon, P.	61-9	EG	Op. Ogilvie (surf.)	Yukon
Wagner, F.J.E.	48-1	EG	Vancouver,	B.C.
	53-37	FS	Champlain Sea,	Ont., Que.
Wheeler, J.O.	49-26	RG	Glenlyon,	Yukon
	58-9	RG	Op. Pelly	Yukon
	59-10	RG	Rogers Pass,	B.C.
Whitmore, D.R.E.	60-16	EG	Coronation Mine	Sask.
Williams, H.	58-23	RG	Chisel Lake,	Man.
	61-39	RG	Botwood,	Nfld.
Wilson, Alice E.	41-20	FS	Ottawa - St. Lawrence Lowland	Ont. & Que.
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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Ont.: 41A & 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)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

DATE OF
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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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
COMPLETION:
Field work: 1945
Prelim. pubs: 1947
Final pubs: (?)

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 co-
authored 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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 43-31. Lake Simcoe area

LOCATION: Ont., 31 E/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
BEGINNING: 1944

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

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 44-9. Dasserat and W $\frac{1}{2}$ Beauchastel twps.

LOCATION: Que.: parts of 32 C and D in vicinity of

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: 1952

Prelim. pubs: 1945, 1949, 1950, 1953 Completed except SW $\frac{1}{4}$
Beauchastel twp.

Final pubs: Undecided ?

PUBLICATIONS: Papers 45-17, 49-23, 49-25, 50-3, 53-8

PUBLICATIONS OUTSTANDING: Preliminary map SW $\frac{1}{4}$ Beauchastel twp.
(Johnston has submitted his part to Stockwell)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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

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

PUBLICATIONS OUTSTANDING: Final maps and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C. 82 C/6 E₁

OBJECTIVE: 1-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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 48-1. Geology and ground-water of the Vancouver area

LOCATION: B.C. 92 G/2, G/3, G/6, G/7

OBJECTIVE: 1-mile mapping with special emphasis on surficial geology and ground water

PERSONNEL: J.E. Armstrong (1948-53); W.L. Brown, and J.A. Roddick (1950 to 1952); F.J.E. Wagner (1951)

DATE OF BEGINNING: 1948

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

GEOLOGICAL SURVEY OF CANADA
(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 COMPLETION:

Field work: Continuing

Prelim. pubs: 1949, 1951, 1954

Final pubs: 1952-56, 59

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

PUBLICATIONS OUTSTANDING: As required

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: District of Mackenzie; 86 B $E\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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:	1953
Prelim. 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 49-11. Ghost Lake map-area. Also memoir from G.S. 46-10 (Chalco Lake and Ranji Lake)

LOCATION: District of Mackenzie; 85 O/14, also 86 B/3, 86 B/6

OBJECTIVE: 1-mile mapping

PERSONNEL: G.M. Wright

DATE OF BEGINNING: 1949

DATE OF COMPLETION:

Field work: 1949

Prelim. pubs: 1947, 1948, 1950

Final pubs: (?)

PUBLICATIONS: Paper 50-13
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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1953
Prelim. pubs: 1954
Final pubs: 1961

PUBLICATIONS: Paper 54-11
Bulletin 47
Final map and memoir forwarded

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 49-27. Bennett map-area

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1949

DATE OF
COMPLETION:
Field work: 1950
Prelim. pubs: 1952
Final pubs: 1961 (?)

PUBLICATIONS: Paper 52-18
Final map and memoir forwarded

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Nfld. 2 E/4 W $\frac{1}{2}$; 2 E/5 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: J.J. Hayes

DATE OF
BEGINNING: 1949 (1947, for Geol. Surv. Nfld.)

DATE OF
COMPLETION:
Field work: 1949
Prelim. pubs: 1951
Final pubs: (?)

PUBLICATIONS Papers 51-5, 51-20

PUBLICATIONS
OUTSTANDING: Final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: Prior to 1949

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

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Mainly office or private reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Yukon: 115 G, 115 F E $\frac{1}{2}$

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

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

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 50-6. Teslin Lake map-area

LOCATION: Yukon, 105C

OBJECTIVE: 4-mile mapping

PERSONNEL: R. Mulligan

DATE OF
BEGINNING: 1950

DATE OF
COMPLETION:
Field work: 1953
Prelim. pubs: 1954
Final pubs: 1960

PUBLICATIONS: Paper 54-20
Final map and memoir forwarded

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1952
Prelim. pubs: 1952, 1957
Final pubs: 1962

PUBLICATIONS: Paper 52-15, map 15-1957

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 50-10. Waterton, Mountain View, and Pincher Creek (redefined) map-areas

LOCATION: Alta. 1 82 H/4, 82 H/5

OBJECTIVE: 1-mile mapping with special emphasis on stratigraphy. Investigation of the character, origin, structure, and age of the rock formations, and their relationships to the occurrence of coal, oil, or natural gas.

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

DATE OF BEGINNING: 1949

DATE OF COMPLETION:

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

PUBLICATIONS: Papers 51-22, 52-10

PUBLICATIONS OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 50-20. Mid-Palaeozoic in vicinity of
Churchill.

LOCATION: Man.

OBJECTIVE: Strat. pal. study

PERSONNEL: S.J. Nelson

DATE OF
BEGINNING: 1950

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Final report submitted, awaiting publication
by Nelson of supporting material

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1950

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

PUBLICATIONS: Paper 51-23
Map 1082 A
Bulletin 77 in press

PUBLICATIONS
OUTSTANDING: Final report to be included in G.S. 52-17

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1950
Prelim. pubs: --
Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Final report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 50-35; Gull Pond map-area

LOCATION: Nfld; 12 H/1

OBJECTIVE: 1-mile mapping

PERSONNEL: J. Kalliokoski (resigned)

DATE OF
BEGINNING: 1950

DATE OF
COMPLETION:
Field work: 1951
Prelim. pubs: 1951, 1954
Final pubs: (?)

PUBLICATIONS: Papers 51-1, 54-4

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1950

DATE OF
COMPLETION:
Field work: Continuing project
Prelim. pubs:
Final pubs:

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: None
Topical Reports done as office projects

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Southeastern Nfld.

OBJECTIVE: Strat. pal. study of Cambrian formations with special attention to trilobite faunas

PERSONNEL: R.D. Hutchison (1951, 1952)

DATE OF
BEGINNING: 1951

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

PUBLICATIONS: Mem. 322 in press

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1951

DATE OF
COMPLETION:
Field work: 1952
Prelim. pubs: 1961
Final pubs: 1962

PUBLICATIONS: Map 42-1960
Map 29-1961 in press

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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
Prelim. pubs:	--
Final pubs:	--

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: 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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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
COMPLETION:
Field work: (no field work 1952-54); 1955
Prelim. pubs: --
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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 52-9. Beaverlodge area

LOCATION: Sask.; part of 74 N E $\frac{1}{2}$

OBJECTIVE: Detailed mapping, with special reference
to radioactive mineral deposits

PERSONNEL: L.P. Tremblay

DATE OF
BEGINNING: 1952

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1954, 1955, 1956, 1957, 1958
Final pubs: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1952

DATE OF
COMPLETION:
Field work: 1952
Prelim. pubs: 1953, 1958
Final pubs: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1952

DATE OF
COMPLETION:
Field work: 1953
Prelim. pubs: 1961 (?)
Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final maps; memoir to be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 52-18. Kasheshibaw map-area, east half

LOCATION: Nfld. Labrador; 13 L E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: S.M. Roscoe

DATE OF
BEGINNING: 1952

DATE OF
COMPLETION:
Field work: 1952
Prelim. pubs: 1953
Final pubs: 1962

PUBLICATIONS: Paper 53-14

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1953
Prelim. pubs: 1957
Final pubs: 1961

PUBLICATIONS: Map 2-1957
Memoir 323 in press

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 52-22. Brandon and Virden areas (redefined 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: 1952

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

PUBLICATIONS: Paper 55-19
Map 1067 A

PUBLICATIONS
OUTSTANDING: Final maps and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 52-24. Beiseker and Drumheller map-areas
(redefined to include G.S. 51-31)

LOCATION: Alta.; 82 P

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

PUBLICATIONS: Paper 55-7
Map 13-1957

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1954
Prelim. pubs: 1954-57
Final pubs: 1961

PUBLICATIONS: Papers 54-18, 55-30, 57-1, and map 4-1957
Bulletins 32, 36, 39

PUBLICATIONS
OUTSTANDING: Memoir submitted May 1961

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: --

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Paper Series maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 53-7. Coquitlam map-area

LOCATION: B.C.; 92 G E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping and investigation of the helicopter technique for geological mapping in mountainous terrain

PERSONNEL: J.A. Roddick

DATE OF
BEGINNING: 1953

DATE OF
COMPLETION:
Field work: 1955
Prelim. pubs: 1956
Final pubs: 1962

PUBLICATIONS: Map 8-1956

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 82 K N $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: J.E. Reesor

DATE OF
BEGINNING: 1953

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1953, 1957
Final pubs: 1962 (?)

PUBLICATIONS: Paper 53-34
Map 12-1957

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 82 J/4

OBJECTIVE: 1-mile mapping

PERSONNEL: G.B. Leech (1953, 1955-56)

DATE OF
BEGINNING: 1953

DATE OF
COMPLETION:
Field work: 1956
Prelim. pubs: 1954, 1958
Final pubs: 1962

PUBLICATIONS:
Paper 54-7
Map 24-1958

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 103 I E₂

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:

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Alta.; 83 C/8, 9, 10 E₈, 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

DATE OF COMPLETION:

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 concentrations 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:	1960
Prelim. pubs:	1954, 1955, 1957, 1960
Final pubs:	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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1955
Prelim. pubs: 1955
Final pubs: 1962

PUBLICATIONS: Paper 55-29

PUBLICATIONS
OUTSTANDING: Final map, and memoir, to include G.S. 50-29
(Millville) and G.S. 51-39 (Woodstock)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 53-26. Lower Palaeozoic of Appalachian Region

LOCATION: N.B.

OBJECTIVE: Strat. pal. study of the Silurian and Devonian formations

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 O.P. 252 for reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 53-30. Prince Edward Island

LOCATION: P.E.I.; parts of 11/L and 21 I

OBJECTIVE: 1-mile mapping of surficial and bedrock formations

PERSONNEL: V.K. Prest (1953-54), C.H. Crowl (1953, 1957, 1958-60), L. Frankel (1956-57, 1959-60)

DATE OF BEGINNING: 1953

DATE OF COMPLETION:

Field work:	1954 (Prest), 1960 (Crowl), 1961 (Frankel)
Prelim. pubs:	1960
Final pubs:	(?)

PUBLICATIONS: Maps 33-60; 36-60; 37-60

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports by each worker

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Nfld.; 2 E/10

OBJECTIVE: 1-mile mapping

PERSONNEL: T.O.H. Patrick (resigned)

DATE OF
BEGINNING: 1953

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

PUBLICATIONS: None

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Ont. and Que.; 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

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Probably a bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960
Prelim. pubs: 1959
Final pubs: 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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-2. West-half, Hill Island Lake map-area
(See G.S. 54-4)

LOCATION: District of Mackenzie; 75 C W $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: R. Mulligan

DATE OF
BEGINNING: 1954

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Final map and notes to be combined with
G.S. 54-4 (Hill Island Lake E $\frac{1}{2}$)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-4, East half, Hill Island map-area.
(See G.S. 54-2)

LOCATION: District of Mackenzie; 75 C E₂¹

OBJECTIVE: 4-mile mapping

PERSONNEL: F.C. Taylor

DATE OF
BEGINNING: 1954

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

PUBLICATIONS: Paper 55-16. Incorporated in O.P. 8
(Mackenzie District compilation)

PUBLICATIONS
OUTSTANDING: Final map and notes to be combined with
G.S. 54-2 (Hill Island Lake W₂¹)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

Inactive

UNIVERSITY OF MICHIGAN
LITERARY PROJECT

PROJECT: 1941-42 Northern Illinois Journal

LOCATION: Department of Literature; University of Michigan; Ann Arbor, Michigan; and New York State

QUALITY: This project was started in 1941 and was completed in 1942. It was a joint effort of the University of Michigan and New York State.

PERSONNEL: J. J. [Name]

1941-42
1942-43
1943-44
1944-45
1945-46

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957
Prelim. pubs: --
Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 zinc and copper deposits

PERSONNEL: W.W. Heywood

DATE OF
BEGINNING: 1954

DATE OF
COMPLETION:
Field work: 1956
Prelim. pubs: 1957
Final pubs: 1962

PUBLICATIONS: Map 24-1957

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-29. Manitoulin Island, St. Joseph Island
and Sault Ste. 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-31. Bancroft-Wilberforce radioactive deposits

LOCATION: Ont.; parts of 31 S.E. $\frac{1}{4}$

OBJECTIVE: To make a study of the mineralogy of the radioactive 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
COMPLETION:
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

Inactive

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-32. Lake Simcoe district

LOCATION: Ont.; 31 E/6, 11, and E $\frac{1}{2}$ of 5, 12

OBJECTIVE: Ground-water survey

PERSONNEL: R.G. Pearce (for compilation, 1960)
E.I.K. Pollitt (before 1960)

DATE OF
BEGINNING: 1945

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Project subject to revision

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1955
Prelim. pubs: 1957
Final pubs: (?)

PUBLICATIONS: Paper 57-7
Map 21-1957

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

Transferred to G.S. 58-27

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

PUBLICATIONS OUTSTANDING: Final report ?

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-44. Cape Breton Highlands National Park,
includes G.S. 54-45

LOCATION: N.S.; 11 K/9, 11 K/10, 11 K/15, 11 K/16, 11 N/1,
11 N/2

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: 1955
Prelim. pubs: 1954, 1955
Final pubs: 1961

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

PUBLICATIONS
OUTSTANDING: Six final maps and notes

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 54-48. Red Indian Lake map-area

LOCATION: Nfld. 12 A W $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: G.C. Riley (resigned)

DATE OF
BEGINNING: 1954

DATE OF
COMPLETION:
Field work: 1955
Prelim. pubs: 1957
Final pubs: 1962

PUBLICATIONS: Map 8-1957

PUBLICATIONS
OUTSTANDING: Final map and notes

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Nfld.; Notre Dame Bay district

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: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Bulletin

Inactive

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 of previous work

PERSONNEL: B.L. Smith

DATE OF BEGINNING: 1954

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

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Final maps and notes submitted, not yet accepted for publication

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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:	1954
Prelim. pubs:	1955, 1960
Final pubs:	(?)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 tree-line 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: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1956
Prelim. pubs: 1956
Final pubs: 1961 (?)

PUBLICATIONS: Paper 56-4
Map 9-1956

PUBLICATIONS
OUTSTANDING: Final map and report

PROPOSAL FOR THE
(State Project)

U.S. ...

PROJECT:

R.N.T. ...

LOCATION:

...
...

OBJECTIVE:

...

...

...

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 55-5. Operation Franklin

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: 1955
Prelim. pubs: 1957-1959
Final pubs: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1955

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1955, 1956
Final pubs: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 55-11. Jurassic of Canada (redefined to include all Canada)

LOCATION: Canada

OBJECTIVE: Strat. pal. study of Jurassic formations

PERSONNEL: H. Fربول

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: None. Publications prepared under individual office projects.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957
Prelim. pubs: 1958
Final pubs: (?)

PUBLICATIONS: Map 17-1958

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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: 1956
Prelim. pubs: 1956
Final pubs: 1961

PUBLICATIONS: Memoir 317
Paper 56-1
Bound copy of thesis received May 1958
Paper 61-2 submitted

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Alta.; 82 J/1 W $\frac{1}{2}$

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: 1956
Prelim. pubs: 1956, 1957
Final pubs: 1964

PUBLICATIONS: Maps 4-1956, 11-1957, 5-1958
Paper 57-4

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 55-15. Split Lake map-area

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Ont.; 42 A E $\frac{1}{2}$, 42 H SW $\frac{1}{4}$

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: O.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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 55-18. Upton, Three Rivers, Yamaska, Aston, 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)

LOCATION: Que.; 31 H/15, I/7, I/2, I/1, I/8, I/9

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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. Laroche, 1955-57;
A.S. MacLaren, 1959

DATE OF BEGINNING: 1955

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

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1955

DATE OF
COMPLETION:
Field work: 1956
Prelim. pubs: 1959
Final pubs: --

PUBLICATIONS: Map 41-59

PUBLICATIONS
OUTSTANDING: None

Transferred

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary map or bulletin as work merits.

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1955

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

PUBLICATIONS: Work included as part of Map 1-1957

PUBLICATIONS
OUTSTANDING: Final maps and notes

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1955

DATE OF
COMPLETION:
Field work: 1956
Prelim. pubs: 1956, 1957
Final pubs: 1962

PUBLICATIONS: Map 14-1956, 17-1957

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 55-28. Gander Lake (includes G.S. 49-5 Bonavista)

LOCATION: Nfld.; 2 D E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: S.E. Jenness

DATE OF
BEGINNING: 1955

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

PUBLICATIONS: Map 3-1957
Final map and memoir forwarded for publication

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: District of Mackenzie. Between long. 102° and
the 108th meridian, and from operational tree-
line 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: District of Mackenzie; 86 C W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
Prelim. pubs: 1957
Final pubs: 1963

PUBLICATIONS: Map 9-1957

PUBLICATIONS OUTSTANDING: Final maps and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-6. Fernie map-area

LOCATION: B.C.; 82 G W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1956

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

PUBLICATIONS: Map 49-1959 (= 92 F/14 only)
Map 32-1960

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-8. Flathead North map-area, east half

LOCATION: B.C. and Alta.; 82 G/7 E $\frac{1}{2}$

OBJECTIVE: 1-mile mapping with special attention to evaluating the oil, gas, and coal potentialities of the area. A Ph.D. thesis project

PERSONNEL: R.A. Price

DATE OF
BEGINNING: 1956

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1959
Final pubs: 1961

PUBLICATIONS: Map 1-1959
Bound copy of doctorate thesis received May 1958

PUBLICATIONS
OUTSTANDING: Final map and report, submitted

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Alta.; 82 H W $\frac{1}{2}$, 82 I W $\frac{1}{2}$

OBJECTIVE: 4-mile mapping of surficial formations

PERSONNEL: A.M. Stalker

DATE OF
BEGINNING: 1956

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1958
Final pubs: 1961-62

PUBLICATIONS: Maps 14-1957, 21-1958

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-11. Beehive Mountain (Fording River)
map-area

LOCATION: Alta.; 82 J/2 E $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: D.K. Norris

DATE OF
BEGINNING: 1956

DATE OF
COMPLETION:
Field work: 1956
Prelim. pubs: 1958
Final pubs: 1964

PUBLICATIONS: Paper 58-5
Map 14-1958

PUBLICATIONS
OUTSTANDING: Final map and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-14. Island Lake and Oxford House map-areas
operating in four 1:50,000 sheets

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: 1956
Prelim. pubs: 1960
Final pubs: (?)

PUBLICATIONS: Map 26-1960 (Island Lake)
Map ~~21~~-1961 (Oxford House) by Quinn & Currie;
forwarded for publication

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
Prelim. pubs: 1959
Final pubs: (?)

PUBLICATIONS: Map 23-1959

PUBLICATIONS
OUTSTANDING: Final map with notes and memoir or bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Lower Great Lakes to James Bay

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

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

PUBLICATIONS: Bulletins 46, 56

PUBLICATIONS
OUTSTANDING: A final bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-19. Ottawa map-area

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Southwest Labrador and New Quebec; 23 B W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
Prelim. pubs: 1960
Final pubs: 1961 (?)

PUBLICATIONS: Part of map 1-1957
Map 41-1960

PUBLICATIONS
OUTSTANDING: Final maps with marginal notes or a report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 56-26. Nictaux and Torbrook map-areas

LOCATION: N.S.; 21 A/14 E $\frac{1}{2}$ and 21 A/15 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping. Satisfactory conclusions are desirable regarding (1) the age of the fossiliferous 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: 1958
Prelim. pubs: 1960
Final pubs: 1961 (?)

PUBLICATIONS: Map 14-1960
Paper 60-13

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957

Prelim. pubs: 1958 and 1959

Final pubs: --

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 57-2. Upper Mackenzie River Basin (See
G.S. 57-1)

LOCATION: District of Mackenzie; most of 85 S $\frac{1}{2}$ 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: 1957
Prelim. pubs: 1957
Final pubs: 1961

PUBLICATIONS: Paper 60-10
Paper 58-11

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
Prelim. pubs: 1961 (?)
Final pubs: (?)

PUBLICATIONS None

PUBLICATIONS
OUTSTANDING: Memoir MS submitted by author February 1961

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959
Prelim. pubs: 1957, 1959
Final pubs: 1962

PUBLICATIONS: Maps 10-1957, 12-1959

PUBLICATIONS
OUTSTANDING: Memoir and final map to include Anahim Lake,
G.S. 54-11

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957
Prelim. pubs: --
Final pubs: 1962 Thesis completed 1960

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: A bound copy of the thesis
Bulletin in preparation

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Alta.; 83 F/4

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

PERSONNEL: E.W. Mountjoy

DATE OF
BEGINNING: 1957

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957

DATE OF
COMPLETION:
Field work: 1957
Prelim. pubs: 1959
Final pubs: (?)

PUBLICATIONS: Paper 59-5

PUBLICATIONS
OUTSTANDING: Bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

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

PUBLICATIONS: Map 28-1959

PUBLICATIONS
OUTSTANDING: Memoir and final map submitted

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1962
Final pubs: --

PUBLICATIONS: Paper in Proceedings Geological Association of
Canada, vol. 12, 1960

PUBLICATIONS
OUTSTANDING: G.S.C. Preliminary Report and Bulletins

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 $\frac{1}{2}$, 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:
Field work: 1959
Prelim. pubs: 1957, 1958, 1959
Final pubs: (?)

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

PUBLICATIONS
OUTSTANDING: Final maps and notes or memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Que.; 23 W $\frac{1}{2}$, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1957

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

PUBLICATIONS: Map 17-1959

PUBLICATIONS
OUTSTANDING: Final map and memoir in preparation

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: N.B.; 21 J/7, 21 J/2 W $\frac{1}{2}$

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
(Burt's Corner) and possibly an adjacent area

Transferred to G.S. 59-32

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: N.B.; parts of 21 NE $\frac{1}{4}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
Prelim. pubs: 1959
Final pubs: (?)

PUBLICATIONS: Map 3-1959
Final map and notes forwarded for publication

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1962
Final pubs: 1962

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Final report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 57-26. Baie Verte map-area

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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 concerning 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

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; Passmore 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 57-27-4. Adamant Batholith

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Canada; probably mainly Tulameen, British Columbia;
Bird River, Manitoba; Thetford, Gaspé, 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: Probably continuing project. Initial phase 1962 (?)
Field work: (?)
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: Probably several bulletins; also papers in scientific
and technical journals; possibly one or more interim
paper series reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1958
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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 57-28-2

LOCATION: Que.; Mount Albert Pluton, Gaspé 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: None

PUBLICATIONS
OUTSTANDING: Probably several bulletins on different aspects
of this complex layered intrusion

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 57-29. Iron deposits of Canada

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
COMPLETION:
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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959
Final pubs: (?)

PUBLICATIONS: Paper 59-7

PUBLICATIONS OUTSTANDING: Interim and final reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Mackenzie District, 75 A, F SE $\frac{1}{2}$, G, H W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-3. Belcher Islands

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-4. Mesa Lake map-area (west half)

LOCATION: Mackenzie District, 86 B/14 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: J.V. Ross

DATE OF
BEGINNING: 1958

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

PUBLICATIONS: Map 30-1959

PUBLICATIONS
OUTSTANDING: Final map and memoir in preparation

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-7. Melville, Brock, Borden, and Mackenzie
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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Yukon; 116 A, B, C E $\frac{1}{2}$, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960
Prelim. pubs: 1960
Final pubs: 1962 (?)

PUBLICATIONS: Maps 7-1960, 8-1960, 10-1960, 12-1961, 13-1961,
14-1961

PUBLICATIONS
OUTSTANDING: Final maps and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961
Prelim. pubs: 1959, 1960, 1962
Final pubs: 1963 (?)

PUBLICATIONS: Map 7-1959, 6-1960

PUBLICATIONS
OUTSTANDING: Final maps and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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:	1959
Prelim. pubs:	1957, 1960
Final pubs:	1961 (?)

PUBLICATIONS: Maps 6-1957, 15-1961

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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

OBJECTIVE: Reconnaissance mapping of surficial geology

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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:	1958
Prelim. pubs:	1959
Final pubs:	1963

PUBLICATIONS: Map 29-1959

PUBLICATIONS OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C. and Alta.; 82 G E $\frac{1}{2}$ *Area to Fernie River*

OBJECTIVE: 4-mile mapping *of area to Fernie River*

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

PERSONNEL: D.F. Stott

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: Bulletin or memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-17. Carbondale map-area

LOCATION: Alta.; 82 G/8 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping with special emphasis on the evaluation of oil, gas and coal possibilities

PERSONNEL: D.K. Norris

DATE OF BEGINNING: 1958

DATE OF COMPLETION:

Field work:	1958
Prelim. pubs:	1959
Final pubs:	1963

PUBLICATIONS: Map 5-1959

PUBLICATIONS OUTSTANDING: Final maps and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-21. Kettle Rapids map-area

LOCATION: Man.; 54 D

OBJECTIVE: 4-mile mapping

PERSONNEL: H.A. Quinn (resigned); K.L. Currie (1961), office

DATE OF
BEGINNING: 1958

DATE OF
COMPLETION:
Field work: 1958
Prelim. pubs: 1961
Final pubs: none

PUBLICATIONS: Map 9-1961

PUBLICATIONS
OUTSTANDING: None

Completed

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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. Miryneck

DATE OF
BEGINNING: 1958

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary maps
Final map and memoir (to include G.S. 60-22)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-25. Deer Lake map-area (east half)

LOCATION: Ont.; 53 D E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: L. Kirwan

DATE OF
BEGINNING: 1958

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

PUBLICATIONS: Map 28-1958

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-26. Carroll Lake map-area (east half)

LOCATION: Ont.; 52 M E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: E.H. Chown

DATE OF
BEGINNING: 1958

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

PUBLICATIONS: Map 25-1958

PUBLICATIONS
OUTSTANDING: Final map and notes

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-28. Nepisiquit Lakes, Riley Brook, and Serpentine Lake; to include GS 58-29, St. Leonard

LOCATION: N.B.; 21 0/7, 0/3, 0/2; 210 SW

OBJECTIVE: To revise and complete the surveys commenced by 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
Final pubs: 1961

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING:

Transferred to O.P. 220

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-29. St. Leonard

LOCATION: N.B.; 21 0 W $\frac{1}{2}$

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:

Transferred to O.P. 220

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-30. Clementsport
Includes G.S. 56-26, Nictaux and Torbrook

LOCATION: N.S.; 21 A/12 E $\frac{1}{2}$; 21 A/14 E $\frac{1}{2}$ and 21 A/15 W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 58-31. Arichat

LOCATION: N.S.; 11 F/11 E $\frac{1}{2}$

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: Preliminary map

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Nfld.; 12 H W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Eastern Canada

OBJECTIVE: Study of mineralogy and petrology of iron-titanium-bearing anorthosites and associated mineral deposits

PERSONNEL: E.R. Rose

DATE OF BEGINNING: 1958

DATE OF COMPLETION:

Field work: 1960

Prelim. pubs: 1960

Final pubs: (?)

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

PUBLICATIONS OUTSTANDING: None

Discontinued

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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: 1959
 Prelim. pubs: 1960
 Final pubs:

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)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959
Prelim. pubs: --
Final pubs:

PUBLICATIONS: --

PUBLICATIONS OUTSTANDING: Bulletins

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1963
Prelim. pubs: 1960, 1961
Final pubs: (?)

PUBLICATIONS: Topical Reports 7 to 16, 18 to 26

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1962
Prelim. pubs: 1960, 1961
Final pubs: (?)

PUBLICATIONS: Paper 60-2
Paper 61-8 in press

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-9. Prince George map-area (1:25,000)

LOCATION: B.C.; 93 G

OBJECTIVE: 4-mile mapping

PERSONNEL: H.W. Tipper

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 49-1960

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 82 N W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 93 O W $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: J.E. Muller

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 11-1961

PUBLICATIONS
OUTSTANDING: Final maps and memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 93 A W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959

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

PUBLICATIONS: Map 12-1960

PUBLICATIONS
OUTSTANDING: Final maps and reports

Inactive

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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. Mountjoy

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Paper submitted
Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-15, Fernie map-area E $\frac{1}{2}$

LOCATION: Alta.; 82 G E $\frac{1}{2}$ (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: 1960
Prelim. pubs: 1961
Final pubs: (?)

PUBLICATIONS: Map 31-1961 in press

PUBLICATIONS
OUTSTANDING: Final map and memoir (possibly to include G.S. 52-24 and 56-9)

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-16. Phelps Lake map-area

LOCATION: Sask.; 64 M

OBJECTIVE: 4-mile mapping

PERSONNEL: L.P. Tremblay

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 5-1960

PUBLICATIONS
OUTSTANDING: Final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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

OBJECTIVE: Ground-water survey

PERSONNEL: A.M. Toth

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Paper 60-25

PUBLICATIONS
OUTSTANDING: Preliminary and final

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

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

PUBLICATIONS: Paper 60-22

PUBLICATIONS
OUTSTANDING: Papers and final report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-19. Western Ont. (Roads to Resources)

LOCATION: Ont.; 42 M, 43 D, 52 N, O, 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: 1961
Prelim. pubs: 1959, (?)
Final pubs: (?)

PUBLICATIONS: Maps 58-1959; 50-1960, 51-1960; 8-1961, 18-1961

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1960
Prelim. pubs: 1961
Final pubs: (?)

PUBLICATIONS: Maps 3-1960, 6-1961

PUBLICATIONS
OUTSTANDING: Final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 strata

PERSONNEL: B.A. Liberty

DATE OF
BEGINNING: 1959

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1959

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

PUBLICATIONS: Paper 60-28
Map 4-1960

PUBLICATIONS
OUTSTANDING: Final map and (?) bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports.
Bound copy of thesis

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-26. Deep River W $\frac{1}{2}$ map-area
(Operation Post Office G.S. 59-26)

LOCATION: Ont. and Que.; 31 K W $\frac{1}{2}$
(G.S. 59-26)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Que.; 23 W $\frac{1}{2}$, 33

OBJECTIVE: Reconnaissance mapping of surficial formations

PERSONNEL: O.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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-29. Michikamou Lake W $\frac{1}{2}$ map-area

LOCATION: Que. and Nfld.; 23 I W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Que. and Nfld.; 23 G E $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 $\frac{1}{2}$, 21 J/10, 21 J/9 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: W.H. Poole

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Maps 19-1960, 20-1960
Paper 60-15

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Southeastern N.B.

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

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-34. Shelbourne map-area

LOCATION: N.S.; 20 O, P

OBJECTIVE: 4-mile mapping

PERSONNEL: F.C. Taylor

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 44-1960

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-35. Guysborough map-area

LOCATION: N.S.; 11 F/5

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

PERSONNEL: E. Schiller

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 27-1961

PUBLICATIONS
OUTSTANDING: Final map and memoir. Bound copy of the thesis

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Nfld.; 12 H/9, 12 H/10 E $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: E.R.W. Neale

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: Map 35-1960

PUBLICATIONS
OUTSTANDING: Final maps

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: continuing
Prelim. pubs: --
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Bulletin from time to time

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 59-38. Investigation of gypsum deposits

LOCATION: Canada

OBJECTIVE: To supplement the compilation of all available data on gypsum occurrences in Canada

PERSONNEL: D.M. Baird

DATE OF
BEGINNING: 1959

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Economic Geology Report on gypsum deposits in Canada

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960
Prelim. pubs: 1961
Final pubs: (?)

PUBLICATIONS: Paper 61-18
Map 28-1961

PUBLICATIONS
OUTSTANDING: Final maps and reports

DEPARTMENT OF CANADA
(Title Project)

PROJECT: U.S. 60-2, Operation Jack River

LOCATION: Keweenaw Point of St. Ignace, Mich. (lat. 47° 10' N, long. 84° 30' W) to Keweenaw Point, W. boundary of Keweenaw, N to about 50°

OBJECTIVE: 8-mile mapping by helicopter

PERSONNEL: M. T. ... (in charge), A. L. ...
M. T. ...

DATE OF
COMPLETION
1961

DATE OF
PUBLICATION
1961

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-3. Operation Back River

LOCATION: Keewatin; parts of 56, 57, 66, and 67

OBJECTIVE: Reconnaissance mapping of surficial formations

PERSONNEL: B.G. Craig, attached to Operation Back River

DATE OF
BEGINNING: 1960

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

PUBLICATIONS: Paper 61-5 in press

PUBLICATIONS
OUTSTANDING: Final maps and reports
See also G.S. 55-29, G.S. 57-2, G.S. 59-3

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-5. Aeromagnetic Survey

LOCATION: Ont.; Sudbury-North Bay area
Mackenzie; Lat. $60^{\circ}63'$, Long. $107^{\circ}30'$ 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: 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° - $109^{\circ}30'$ in N.W.T.
Prelim. pubs: --
Final pubs: --

PUBLICATIONS: Coronation Mine published Geophysics Paper - 1028 G

PUBLICATIONS
OUTSTANDING: A series of 1 inch to 1 mile aeromagnetic maps

Transferred to O.P. 17 for publication

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Yukon; 115 I, J, K E $\frac{1}{2}$, N E $\frac{1}{2}$, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960

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

PUBLICATIONS: Paper 61-6

PUBLICATIONS
OUTSTANDING: Bulletin or memoir

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: B.C.; 92 I E $\frac{1}{2}$

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

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Bound copy of thesis
Maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-13. Windermere map-area E $\frac{1}{2}$

LOCATION: Alta.; 82 J E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping of surficial deposits east of Rocky Mountains

PERSONNEL: A.M. Stalker

DATE OF BEGINNING: 1960

DATE OF COMPLETION:

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

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final maps and reports

Project Cancelled

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961 (?)
Prelim. pubs: 1961 (?)
Final pubs: (?)

PUBLICATIONS: Maps 10-1961, 16-1961

PUBLICATIONS
OUTSTANDING: Final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960
Prelim. pubs:
Final pubs: 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 CANADA
(Field Project)

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: 1960

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final reports and outside publications as warranted

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1960
Prelim. pubs: 1961
Final pubs: (?)

PUBLICATIONS: Map 52-1960

PUBLICATIONS
OUTSTANDING: Final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary maps. Final report to be decided,
probably a bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-21. Western Ontario geophysics
(G.S. 59-19, Roads to Resources)

LOCATION: Ont.; 42 M; 43 D; 52 N, O, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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. Miryneck

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: A bulletin submitted; final to be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-24. Operation Ungava

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: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Que. and Nfld.; 23 H W $\frac{1}{2}$

OBJECTIVE: 4-mile mapping. To complete reconnaissance mapping of SE Trough

PERSONNEL: H.R. Wynne-Edwards

DATE OF
BEGINNING: 1960

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

PUBLICATIONS: Map 17-1961

PUBLICATIONS
OUTSTANDING: Final map and report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1961
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided. Bound copy of thesis

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-27. Moncton ground water

LOCATION: N.B.; 21 I/2, H/15 W $\frac{1}{2}$, H/14 E $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: N.S.; 21 A, B E $\frac{1}{2}$

OBJECTIVE: 4-mile mapping

PERSONNEL: F.C. Taylor

DATE OF
BEGINNING: 1960

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

PUBLICATIONS: Map 48-1960 (21 B E $\frac{1}{2}$)

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

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: 1961 (?)
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: Map 1-1961

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-31. Sandy Lake area. To include 1961
map for G.S. 31-32 (interim map-area)

LOCATION: Nfld.; 12 H E $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-32. Paradise map-area. To include final map for G.S. 54-50 (Rencontre map-area)

LOCATION: Nfld. 1 M E $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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 post-
glacial shorelines and associated deposits

PERSONNEL: E.P. Henderson

DATE OF
BEGINNING: 1960

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Bulletin

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 60-34. Grenville region and stream in Canada

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 CANADA
(Field Project)

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:	1962
Prelim. pubs:	none planned
Final pubs:	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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1961
Prelim. pubs: 1962
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-2. Axel Heiberg and Ellesmere Islands

LOCATION: District of Franklin

OBJECTIVE: 8-mile mapping of post-Precambrian formations

PERSONNEL: R. Thorsteinsson, E.T. Tozer, H. Trettin, J.W. Kerr

DATE OF
BEGINNING: 1961

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-3. Submarine Geology of Axel Heiberg and
Western Ellesmere Islands (See G.S. 61-4)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Keewatin; 44, 45, 54, 55

OBJECTIVE: To study and map bottom sediments; to interpret the geologic history of the deposits; and to interpret the physiographic history of the Bay

PERSONNEL: R.J. Leslie (thesis)

DATE OF
BEGINNING: 1961

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-6. Aeromagnetic survey

LOCATION: 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: May 1961
Prelim. pubs: --
Final pubs: --

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: A series 1 inch to 1 mile aeromagnetic map,
to be published under O.P. 17

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-7. Operation Porcupine

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: 1962
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

LOCATION: Yukon; Klondike District; 115 I, J, K E $\frac{1}{2}$, N E $\frac{1}{2}$, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-9. Surficial geology of Operation Ogilvie

LOCATION: Yukon; Nash Creek 106 D, Larsen Creek 116 A,
Dawson 116 B, C E₂

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961

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

PUBLICATIONS: Nil

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-11. Taseko Lakes

LOCATION: B.C.; 92 0

OBJECTIVE: 4-mile mapping

PERSONNEL: H.W. Tipper

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-12. Quesnel Lake E $\frac{1}{2}$

LOCATION: B.C.; 93 A E $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-13. Trail-Rossland

LOCATION: B.C.; 82 F/4

OBJECTIVE: 1-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 SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-14. Cretaceous stratigraphy

LOCATION: NE British Columbia Foothills

OBJECTIVE: Detailed stratigraphy, facies study, and correlation of Fort St. John and equivalent strata - Peace River to 60th parallel

PERSONNEL: D.F. Stott

DATE OF
BEGINNING: 1961

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Preliminary and final reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 $\frac{1}{2}$, 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 $\frac{1}{2}$ -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: Sept-Oct 1961
Prelim. pubs: --
Final pubs: --

PUBLICATIONS: None

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 SURVEY OF CANADA
(Field Project)

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

LOCATION: British Columbia and Alberta; Fernie 82 G E $\frac{1}{2}$

OBJECTIVE: Detailed mapping, study, and interpretation of the configuration and mechanics of folded faulted, and otherwise complex structural conditions

PERSONNEL: D.A. Price

DATE OF BEGINNING: 1961

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

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: Preliminary and final reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-19. Ordovician and Silurian Biostratigraphy of British Columbia and Alberta

LOCATION: Mt. Robson, Alberta; Fernie W¹/₂, 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 O.P. 218

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961

DATE OF COMPLETION:

Field work: 1962

Prelim. pubs: (?)

Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-22. Lethbridge map-area (E $\frac{1}{2}$)

LOCATION: Alta.; 82 H E $\frac{1}{2}$

OBJECTIVE: 4-mile reconnaissance mapping of the surficial geology

PERSONNEL: A.M. Stalker

DATE OF
BEGINNING: 1961

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: To be decided

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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 sub-surface 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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-27. Tadoule Lake

LOCATION: Man.; 64 J

OBJECTIVE: 4-mile mapping

PERSONNEL: W.L. Davison

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-28. Kasmere Lake

LOCATION: Man.; 64 N

OBJECTIVE: 4-mile mapping

PERSONNEL: J.A. Fraser

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: 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: 1962 (?)
Prelim. pubs: (?)
Final pubs: (?)

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Copy of thesis plus publication of map at least

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-30. Bruce Mines

LOCATION: Ont.; 41 J/5

OBJECTIVE: 1-mile mapping

PERSONNEL: M.J. Frarey

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-31. Gananoque, Mallorytown W $\frac{1}{2}$, Brockville W $\frac{1}{2}$

LOCATION: Ont.; 31 C/8, 31 B/5 W $\frac{1}{2}$, 31 B/12 W $\frac{1}{2}$

OBJECTIVE: 1-mile mapping

PERSONNEL: H.R. Wynne-Edwards

DATE OF
BEGINNING: 1961

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

PUBLICATIONS: Nil

PUBLICATIONS
OUTSTANDING: Preliminary and final maps and reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-32. Development of an airborne and ground detector for ground water

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-33. Metallogenic 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: Periodic reports of progress as papers or bulletins

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-35. Surficial geology in the region of
Rivère-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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-39. Botwood W $\frac{1}{2}$

LOCATION: Nfld. (Island) 2 E W $\frac{1}{2}$

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-40. Tin deposits in Canada

LOCATION: Canada

OBJECTIVE: To study and compile the geology of tin deposits
and occurrences to help mineral exploration

PERSONNEL: R. Mulligan

DATE OF
BEGINNING: 1961

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

PUBLICATIONS:

PUBLICATIONS
OUTSTANDING: Preliminary report, Economic Geol. Report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-41. Geochemical prospecting methods for oil and gas

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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: 1961
Prelim. pubs: 1962
Final pubs:

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: Data to be incorporated into Dr. Frankel's report

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-46. Battle Harbour-Cartwright

LOCATION: New Que. and Nfld (Lab.) 13 SE

OBJECTIVE: 8-mile mapping

PERSONNEL: K.E. Eade

DATE OF
BEGINNING: 1961

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

PUBLICATIONS: Nil

PUBLICATIONS
OUTSTANDING: Preliminary and Final Maps and Reports

GEOLOGICAL SURVEY OF CANADA
(Field Project)

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

GEOLOGICAL SURVEY OF CANADA
(Field Project)

PROJECT: G.S. 61-48. Collection of Cretaceous plants
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.

PERSONNEL: D.C. McGregor

DATE OF
BEGINNING: June 1961

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

PUBLICATIONS: None

PUBLICATIONS
OUTSTANDING: None

