

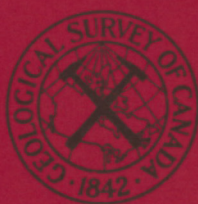
CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

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GEOLOGICAL SURVEY OF CANADA

SUPPLEMENT  
to the  
CATALOGUE OF SCIENTIFIC PROJECTS  
SCIENTIFIC PROGRAM  
FIELD PROGRAM  
1971-1972

Compiled by Gertrude E. Derry  
Office of Chief Geologist



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FOR GEOLOGICAL SURVEY USE

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OTTAWA  
1971

SUPPLEMENT  
to the  
CATALOGUE OF SCIENTIFIC PROJECTS  
SCIENTIFIC PROGRAM  
FIELD PROGRAM  
1971-72

This supplement contains 48 projects and was compiled from instructions issued to project leaders between 1 July 1971 and 30 October 1971. Forty projects are listed as active, eight inactive and seventeen have a field component. Indexes by project leader, division and section, and province will be found at the end.

Compiled by Gertrude E. Derry  
Office of Chief Geologist

Ottawa  
2 November 1971

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Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act 71-72	Inf. 71-72
510022	Quaternary geology, Montreal Island	Prest, VK	QRG	RSP	Que	Pts 31 H/5,12	X	
	Obj.: To determine the character, distribution, form and thickness of the glacial and postglacial overburden with particular reference to its possible economic utilization. Pub sca 1" to 1 mi.							
530030	Geology of Prince Edward Island	Prest, VK	QRG	RSP	PEI	11 E/15,1; 21 I/8,9,16	X	
	Obj.: To determine the character, extent, distribution, age and origin of the bedrock formations and glacial and postglacial deposits and their possible utilization. Pub sca 1" to 2 mi.							
560019	Quaternary geology, Ottawa map-area	Gadd, NR	QRG	RSP	Ont	31 G/5	X	
	Obj.: To map, describe and explain the Quaternary deposits and landforms in order to provide: (1) areal information; (2) knowledge of the Quaternary stratigraphy and chronology of the region; and (3) background information applicable to engineering, groundwater, and soils mapping. Pub sca 1:50,000							
580003	Belcher Islands, N.W.T.	Jackson, GD	CG	PS	Kee	33 NW, 34 SW	X	
	Obj.: To determine the depositional environment, stratigraphy, age and structure of the rocks of the islands. Pub sca 1" to 2 mi or more detailed as required.							
590019	Roads to Resources Project	Jackson, GD	CG	PS	Ont	42 M:43 D; 52 N-P; 53 A-C	X	
	Obj.: To obtain data concerning the mineral potential of the map-areas in order to determine the need for and location of roads intended to facilitate and expedite development. Pub sca 1" to 4 mi.							
590457	Radiocarbon laboratory development and operation	Lowdon, JA	QRG	PG	-	-	X	
	Obj.: (1) To determine the age of carbonaceous matter using radiocarbon dating techniques; to ensure continuing and improving precision of existing techniques; and to keep abreast of current research on new techniques. (2) To conduct research on variations in the radiocarbon content of modern organic material and its application to age determinations on fossil material.							

Asterisk in first column indicates project has a field component  
 Brackets indicate seasonal employee or other non-staff  
 Underscoring indicates province of 1971-72 field work

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act	Index
610029	Quaternary geology and bedrock topography of the Riding Mountain area, Manitoba-Saskatchewan	Klassen, RW	QRG	RSP	Sask Man	62 K	71-72	71-72
	Obj.: To gain areal information on Quaternary deposits and landforms; to outline buried bedrock topography including major buried valleys; to determine the Quaternary stratigraphy and history of the area; and to provide information pertinent to agriculture, forestry, ground-water and engineering construction. Pub sca 1:250,000.						X	
610251	Operation of Mineral Deposits Section Laboratories	McLeod, CR	EGG	MD	-	-		X
	Obj.: To provide and develop facilities, methods and services for mineralogical studies and related mineral separation and specimen preparation for the Geology of Mineral Deposits Section and other Branch personnel as required.							
620039	Quaternary geology, Chaudière River region, Quebec	Gadd, NR	QRG	RSP	Que	21 L/2,6,7,11,12		X
	Obj.: To map, describe and explain the Quaternary deposits and landforms in order to: (1) contribute to knowledge of glacial history and other aspects of Quaternary chronology of the area; (2) elucidate the nature and origin of placer-gold deposits applicable to engineering, agriculture, forestry and groundwater. Pub sca 1" to 2 mi.							
620052	Engineering geology and mapping, Welland Canal	Owen, EB	QRG	EGG	Ont	30 M/3g/3b, L/14g		X
	Obj.: (1) To provide engineering geology advice as required by the St. Lawrence Seaway Authority during construction of the new Welland Canal; and (2) to map, describe and explain the surficial and bedrock features of the above map-areas with particular reference to engineering geology. Pub sca 1:25,000.							
630006	Quaternary reconnaissance, northwest Baffin Island	Craig, BG	QRG	RSP	Frank	Pts 47 C-H; 48 A-E,H, 58 A,D		X
	Obj.: Reconnaissance geological study and mapping of the surficial deposits and glacial features of that part of Baffin Island west of the 80th meridian, and adjacent small islands. Pub sca 1" to 8 mi.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act	Int.
630032	Opocopa map-area, Quebec-Labrador	Jackson, GD	CG	PS	Que Nfld	23 B E $\frac{1}{2}$	X	71-72 71-72
	Obj.: To delineate the structure and stratigraphy and to relate the mineral (iron) deposits to these parameters; to correlate if possible the metamorphosed strata of the area with those of lower metamorphic grade in the Labrador Trough. Pub sca 1" to 4 mi.							
640029	Quaternary geology, Duck Mountain, Manitoba-Saskatchewan	Klassen, RW	QRG	RSP	Sask Man	62 N	X	
	Obj.: To gain areal information on Quaternary deposits and landforms; to outline buried bedrock topography including major buried valleys; to determine the Quaternary stratigraphy and history of the area; and to provide information pertinent to agriculture, forestry, groundwater, and engineering construction. Pub sca 1:125,000; 1:250,000.							
650023	Operation Bow-Athabasca	(Price, RA Prof)	ISPG	SG	BC Alta	83 N E $\frac{1}{2}$ ; Pts 82 J E $\frac{1}{2}$ , 0 W $\frac{1}{2}$ , 83 C, D E $\frac{1}{2}$	X	
	Obj.: To complete the systematic reconnaissance geologic study of the Rocky Mountains south of Lat. 53°N, to obtain information on the character, structure, distribution, age, stratigraphic relationships, and origin of the bedrock in this area, and other geological data that are required to evaluate the mineral potentialities of the area and to assist exploration for oil, gas, coal and other mineral deposits in this and adjacent areas. Pub sca 1" to 4 mi.							
650038	Quaternary geology, Stratford-Conestogo	(Karrow, PF Prof)	QRG	RSP	Ont	40 P/7,10	X	
	Obj.: To map, describe and explain the Quaternary deposits and landforms in order to provide: (1) area information; (2) knowledge of the Quaternary stratigraphy and chronology of the region; and (3) background information in support of soils mapping in Waterloo County as well as data applicable to engineering, groundwater, etc. Pub sca 1" to 1 mi.							
660033	Quaternary geology and geomorphology of the Assiniboine River Valley and its tributaries	Klassen, RW	QRG	RSP	Sask Man	72 I; pts 62 F,G,K,N	X	
	Obj.: To map, describe, and explain the Quaternary deposits and landforms within and adjacent to Assiniboine River Valley and its tributaries in order: (1) to reconstruct the Quaternary stratigraphy and geomorphic history of the valley system; and (2) to provide background information applicable to engineering, groundwater, and land resource development. Pub sca 1" to 1 mi.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act
670002	Operation Bylot	Jackson, GD	CG	PS	Frank	27;37;38;48	71-72 71-72 X
	Obj.: A reconnaissance geological survey of a previously unmapped area to describe and interpret the broad geological framework and outline areas of potential economic interest. Pub sca 1:250,000.						
670032	Quaternary geology, Hudson Bay Lowland	Craig, BG	QRG	RSP	Man Ont.,Que	Pts 54,53,43,42,32	X
	Obj.: To map, describe and explain the Quaternary deposits and landforms in order to: (1) determine the nature and extent of the Quaternary deposits of the area; (2) to study the stratigraphic succession of the interglacial, glacial and post glacial deposits; (3) to determine the deglaciation history of the area; (4) to investigate the extent and chronology of the postglacial marine invasion; and to investigate the amount and the chronology of late Quaternary isostatic uplift throughout the area.						
670034	Bedrock topography and Quaternary stratigraphy, Virden, Manitoba	Klassen, RW	QRG	RSP	Man	62 F	X
	Obj.: Through subsurface investigations with the aid of drilling, sidewall sampling, and geophysics, to determine bedrock surface topography and trace the buried "Missouri" Valley and other buried drainage systems; to outline drift stratigraphy, particularly in buried valleys; and to gain knowledge of the glacial, interglacial, and preglacial history of the region.						
670037	Quaternary geology, southwest New Brunswick	Gadd, NR	QRG	RSP	NB	21 G	X
	Obj.: To map and explain surficial deposits and landforms in order to provide: (1) areal and stratigraphic information concerning Quaternary (including geomorphic) features; (2) knowledge of glacial history and other aspects of Quaternary chronology; and (3) background information for groundwater investigations as requested by the New Brunswick Department of Natural Resources (Mines Branch), as well as data applicable to engineering, agriculture, forestry, and other fields. Pub sca 1:250,000.						
680004	Quaternary paleogeographic map of Canada	Prest, VK	QRG	RSP	-	-	X
	Obj.: In connection with the INQUA Palaeogeographic Map of the World, to prepare a map of Canada showing physical features at the time of maximum extent of glaciers during the Wisconsin glaciation.						

Project Number	Project Leader	Div.	Sect.	Prov.	NTS	Act 71-72	Inact. 71-72
	Title						
680043	Quaternary geology, Port Stanley Obj.: To map, describe and explain the Quaternary deposits and landforms in order to provide: (1) areal information; (2) knowledge of the Quaternary stratigraphy and chronology of the region; and (3) background information applicable to soils mapping, engineering, groundwater, etc. Investigations are to be directed towards completion of mapping of the area, which was commenced under the Ontario Department of Mines. Pub sca 1:50,000	(Dreimanis, A Prof)	QRG RSP	Ont	40 I/11		X
680094	Quaternary map, Stephenville Obj.: To set up a mutually satisfactory and acceptable arrangement with Mr. I. Brookes, Department of Geography, York University, for submission to the Geological Survey of a map of surficial features of Stephenville map-area (or part thereof) suitable for publication. Pub sca 1:250,000.	Prest, VK	QRG RSP	Nfld	12 B		X
680132	Application of mathematics to Quaternary research and geomorphology Obj.: To serve as a consultant to research scientists on mathematical, statistical and computer programs; to investigate the application of mathematical and statistical techniques to geological and geomorphological problems.	Shimizu, K	QRG Adm	-	-		X
690044	Fossil mosses in the Arctic Obj.: 1. To provide information on age and environment of origin of Beaufort, interglacial, and postglacial deposits in the western Arctic, through identification of fossil mosses and other organic remains and study of fossil floras. 2. To develop and illustrate a method for biostratigraphic and paleoecologic analyses of postglacial Arctic peat profiles.	(Kuc, M)	QRG PG	Frank, Mack	-		X
690045	Glacial-interglacial stratigraphy, James Bay Lowland Obj.: Through investigation of the Quaternary deposits and associated organic remains, to determine the age, nature and stratigraphic relationships of the interglacial and glacial deposits and the sequence of environments and events they represent, and to provide areal geological information including data applicable to land resource planning.	Skinner, RG	QRG RSP	Que	Pts 32,42,43		X
690052	Wisconsin stratigraphy, north shore of Lake Erie Obj.: To determine the age, nature and stratigraphic relationships of the Wisconsin deposits and the sequence of environments and events they represent.	(Dreimanis, A Prof)	QRG RSP	Ont	Pt 40 I		X

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act	Invent.
690061	Operation Penny Highlands	Jackson, GD	CG	PS	Frank	Pts 16,26,27,36,37	71-72	71-72
	Obj.: A reconnaissance geological survey of a previously unmapped area to describe and interpret the geological framework and outline areas of potential economic interest. Pub sca 1:500,000.						X	
700058	Quaternary stratigraphy, south Saskatchewan Valley in southwest Saskatchewan	(Karrow, PF Prof)	QRG	RSP	Sask	Pt 72 K,N		X
	Obj.: To determine the nature, stratigraphic succession and age of Quaternary deposits exposed along the south Saskatchewan Valley in southwestern Saskatchewan and to correlate with the surface and subsurface stratigraphic successions recognized in the region.							
700075*	Quaternary geology and geomorphology in southern Quebec - IGC field excursion - A44, C44	Gadd, NR	QRG	RSP	Que	-	X	
	Obj.: To prepare and conduct an IGC field excursion, including selection of the route, preparation of a guidebook and organization of the logistics.							
700077*	Quaternary geology, geomorphology and hydrogeology of the Maritime Provinces - IGC field excursion A 61, C 61	Prest, VK	QRG	RSP	NB,NS PEI Nfld	-	X	
	Obj.: To prepare and conduct an IGC field excursion, including selection of the route, preparation of a guidebook and organization of the logistics.							
700081	Geology of proposed Kouchibouguac National Park site, New Brunswick	Prest, VK	QRG	RSP	NB	Pt 21 I/10,15	X	
	Obj.: To investigate the character, extent, distribution, age and origin of the bedrock formations and glacial and postglacial deposits, and to explain the geomorphic features and dynamic processes, with special reference to mineral potential, construction materials, and geologic features of possible interest as tourist attractions. Pub sca as appropriate.							



Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act	Int. Act.
710078*	Hydrogeochemical survey of water wells and other water sources in the Timmins-Val d'Or area	Boyle, RW	EGG	SP	Ont Que	32 C,D; 42 A,B	71-72	71-72
	Obj.: To outline zones or areas of anomalous metal concentrations in the ground water regime as a basis for estimating the mineral potential of the OQGM area, and as an aid to prospectors.							
710079*	Geochemical and biogeochemical surveys in the Timmins-Val d'Or area	Hornbrook, EHW	EGG	G	Ont Que	32 C,D; 42 A,B		X
	Obj.: To stimulate and rejuvenate mineral industry activities in the Ontario-Quebec Gold Mining (EGMA) area by outlining anomalous mineralized zones likely to contain massive sulphide bodies and other deposits of economic value.							
710080*	Application of Quaternary geology to mineral exploration, Timmins-Val d'Or mining district	Skinner, RG	QRG	RSP	Ont Que	31 M,N; 32 C,D; 41 O,P; pts 42 A,B,G,H		X
	Obj.: To assess the requirements and methods of field and laboratory investigations in order to design and plan a program of surficial geology, drift prospecting and related studies to provide the background information necessary to aid mineral exploration in the area. Pub sca as warranted.							
710081*	Distribution of marine deposits, Ottawa-St. Lawrence Basin	Gadd, NR	QRG	EGG	Ont Que	Pts 21,22,31,32		X
	Obj.: To delimit the occurrence of deposits of the Champlain Sea of the St. Lawrence Lowlands and the equivalent Laflamme Sea of the Lac St-Jean area with particular reference to the distribution of marine clays within these areas; to investigate the stratigraphic and physical parameters and geomorphology of the deposits to aid in the evaluation of the causes and occurrence of landslides, particularly of the mud-flow type. Pub sca to be determined.							
710082*	Engineering geology, land use regulations (DIAND)	Owen, EB	QRG	EGG	Mack Yk	-		X
	Obj.: To provide engineering geological consultation and advice to the Department of Indian Affairs and Northern Development related to the applicability of land use regulations for controlling disturbance of northern terrain by resource exploration and related activities. To evaluate the influence of resource exploration and related activities on northern terrains at various times of the year. Pub sca to be decided.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	ACU	INTS.
710083*	Surficial geology, Sept-Iles-Cap Chat	Craig, BC	QRG	RSP	Que	22 G/5,6,11,14,15 J/1,2,3 E $\frac{1}{2}$	71-72	71-72
	Obj.: To map, describe and explain the Quaternary deposits and landforms in order to elucidate the glacial and postglacial history of the region and to provide areal geological knowledge with particular reference to data pertinent to engineering geology. Pub sca 1/250,000 or 1/50,000 as warranted.						X	
710085*	Glacial geology, northeastern British Columbia	(Mathews, WH, Prof)	QRG	RSP	BC	94 E $\frac{1}{2}$		
	Obj.: To map, describe and explain the glacial deposits and landforms in order to provide descriptive information on the Quaternary geology and geomorphology of the region, and particularly to differentiate Laurentide versus Cordilleran glacial features and to delineate the Laurentide-Cordilleran boundary. Pub sca 1:250,000.						X	
710086*	Stability of natural slopes	Scott, JS	QRG	EGG	BC	92 G,H,I		
	Obj.: 1. To provide a comprehensive summary of the occurrence of landslides in bedrock and associated surficial material in the southern Cordillera. 2. To determine and evaluate the geological, geomorphic, hydrogeological and related factors that influence the stability of natural slopes. 3. To develop modelling or other techniques appropriate for stability analysis and the prediction of natural slope stability. Pub sca as appropriate.						X	
710087*	Geology of Waterton Lakes National Park. National Parks Branch Inventory Program	Duffell, S	CG	Adm	Alta	Pts 82 H/4, G/1		
	Obj.: To provide the National Parks Branch with descriptive and scientific data on the bedrock and surficial geology of the Waterton Lakes National Park as part of a scientific base for evaluation of research and management programs and to assist in implementing the National Parks Policy. Pub sca 1:50,000.						X	
710088*	Geology of Kejimikujik National Park. National Parks Branch Inventory Program	Duffell, S	CG	Adm	NS	26 A/6		
	Obj.: To provide the National Parks Branch with descriptive and scientific data on the bedrock and surficial geology of Kejimikujik National Park as a part of a scientific base for evaluation of research and management programs and to assist in implementing the National Parks Policy. Pub sca 1:50,000.						X	

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act	Instr.
710089*	Study of tonstein bands in coal seams of Kootenay Formation	(Mériaux, E)	ISPG	CR	<u>BC</u> <u>Alta</u>	<u>82 G, J</u>	X	71-72 71-72
	Obj.: To examine the value of tonstein bands for the correlation of coal seams, and to determine their petrographic composition and mode of origin.							
710090*	Surficial geology and geomorphology, Hudson Bay	Lewis, CFM	QRG	RSP	<u>Kee, Man</u> <u>Ont, Que</u>	<u>Pts 55, 54, 45, 44, 43, 35,</u> <u>34, 33</u>	X	
	Obj.: To investigate the submarine unconsolidated deposits, geomorphic and structural features of Hudson Bay in order to: (1) provide areal geological knowledge including information relative to petroleum exploration and production; (2) determine Quaternary stratigraphy, and history; and (3) identify the sedimentary and geomorphic processes operation in the area. Pub sca as appropriate.							
710091*	Palynological studies of Upper Jurassic and Cretaceous coal measures in western Canada	Sweet, AR	ISPG	CR	Yk BC <u>Alta</u>	-	X	
	Obj.: (1) To establish a palyno-stratigraphic zonation of the coal measures, as an aid to coal petrological, sedimentological and structural interpretations of coal basins. (2) To correlate coal seams of suitable rank (exceeding 25% volatile matter) by means of spore and pollen histograms.							
710092*	Quaternary geology inventory, lower Nelson River Basin	Klassen, RW	QRG	RSP	<u>Man</u>	<u>53 M; 54 C, D; 63 O, P;</u> <u>64 A</u>	X	
	Obj.: To map, describe and explain the Quaternary deposits and landforms to provide areal geologic-geomorphic data and knowledge of the stratigraphy, age and history of deposition of surficial materials with particular reference to: (1) terrain information required for land use (forestry) and engineering development; and (2) background information for geochemical and related surveys. Pub sca 1:250,000.							
710093	The Innuition Structural Province (contribution to a symposium on "Variations in Tectonic Style in Canada")	Trettin, HP	ISPG	AI	Frank	-	X	
	Obj.: To describe and interpret the tectonic characteristics of the Innuition Province according to a plan prescribed by the organizers of the symposium (R.A. Price and R.J.W. Douglas).							9

Project Number 710094\* Act 71-72 71-72

Title Geology and geochemistry of Point Pélee National Park; National Parks Branch Inventory Program

Project Leader Duffell, S

Div. CG

Sect. Adm

Prov. Ont

NTS Pts 40 G/15 E $\frac{1}{2}$

X

Obj.: Under the National Parks Branch Inventory Program to provide National Parks Branch with geological data on the bedrock and surficial deposits plus geochemical data in a form readily understandable by Parks Branch engineers, scientists, supervisors and administrators as part of a scientific base for evaluating research and management programs. Pub sca 1:50,000.

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*A. Duffell*

CANADA  
DEPARTMENT OF ENERGY, MINES AND RESOURCES

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Office of Chief Geologist

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1972

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This supplement should be added to the one issued 2 November 1971. It contains 36 projects compiled from instructions issued to project leaders between 1 November 1971 and 29 February 1972. All projects are listed as active and 33 have a field component. Indexes by project leader and province include the projects listed in the earlier supplement along with those included herein. The index by division and section refers only to the projects for the second supplement.

Compiled by Gertrude E. Derry

Office of Chief Geologist

Ottawa  
3 March 1972

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Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
660503	Microplankton from the Upper Cretaceous of Saskatchewan and Manitoba	Cox, RL	ISPG	WP	Sask Man	72;73;62;63	X	
	<p>Obj.: (1) Description of microplankton from selected Cretaceous strata in Manitoba and Saskatchewan.  (2) Description of an Upper Cretaceous phytoplankton reference section to serve as a foundation for correlation of Upper Cretaceous rocks by phytoplankton in Western Canada. (3) Correlation of Cretaceous stratigraphic sections of the Manitoba escarpment with the subsurface sections of the potash shafts of Southern Saskatchewan.</p>							
710095*	Branch Coordinator, Federal-Provincial Mineral Exploration Program, Timmins-Val d'Or region	Eade, KE	ADM	ChG	Ont Que	Pts 31 M,N, 32 C,D, 41 O,P, 42 A,B,G,H	X	
	<p>Obj.: To ensure the effective planning and coordination of the scientific and logistic aspects of the Branch program in the Timmins-Val d'Or region; to ensure that this program appropriately complements those undertaken by Ontario and Quebec; and to provide suitable liaison between the Branch and the Provincial Departments concerned.</p>							
710096*	WW Timmins - Val d'Or, Quebec Seismic	(Killeen, PG)	RGG	SM	Que	Pts 31 NW, 32 SW	X	
	<p>Obj.: To determine thickness and nature of overburden and configuration of bedrock to assist Quaternary, geochemical and geophysical studies.</p>							
710097*	WW Timmins - Val d'Or, Ontario Seismic	(Killeen, PG)	RGG	SM	Ont	Pts 41 NE, 42 SE, 31 NW, 32 SW	X	
	<p>Obj.: To determine thickness and nature of overburden and configuration of bedrock to assist Quaternary, geochemical and geophysical studies that must be coordinated.</p>							
710098*	Computer based storage, retrieval and compilation of geologic field data	Hutchison, WW	REG	CPM	BC	-	X	
	<p>Obj.: The provision of computer based techniques that will facilitate the input, retrieval, processing and display of geological field data to expedite the analysis and distribution of geological information.</p>							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
710099*	WW Lake bottom sediment sampling program for the Timmins - Val d'Or region	Hornbrook, EHW	RGG	G	Ont Que	32 D, 42 A	X	
	Obj.: By sampling and analysing lake bottom sediments and tills: (a) to outline areas of mineral potential; (b) evaluate the usefulness of geochemical exploration techniques in the area as a guide to further mineral exploration.							
710100*	WW Overburden drilling and sampling and geologic data compilation, Timmins -Val d'Or region.	Skinner, RG	TS	RSP	Ont Que	Pts 31 M,N, 32 C,D	X	
	Obj.: 1. To carry out an overburden drilling, sampling and analysis program to provide data applicable to mineral exploration. 2. To analyze, assess and compile existing geologic data.							
710101*	National Parks Branch Booklet Program	Duffell, S	REG	Adm	-	-	X	
	Obj.: To provide the National and Historic Parks Branch with popular booklets on the geology of ten National Parks for the National Parks Booklet program.							
710102*	WW Construction of a winter road from Yellowknife - Tundra Gold Mine, NWT	Allan, RJ	RGG	G	Mack	85 I,J,O,P; 86 A,B	X	
	Obj.: To construct a packed winter road from Yellowknife to the airstrip at Tundra Gold Mine, to enable the transportation by trucks of gasoline and equipment to cache sites required for the Bear-Slave geochemical survey to be made in 1972.							
720000*	WW Inventory of environmental geology of urban areas	Fyles, JG	TS	EGG	-	-	X	
	Obj.: To manage projects designed to collect and collate all available geological and related terrain data for about 30 of the larger urban areas of Canada. Pub sca 1:25,000.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
720001*	WW Environmental geology, Vancouver, B.C. Obj.: To collect and collate all available geological and related terrain data in Vancouver. Pub sca 1:25,000.	Fyles, JG	TS	EGG	BC	-	X	
720002*	WW Environmental geology, Calgary and Edmonton, Alberta Obj.: To collect and collate all available geological and related terrain data in Calgary and Edmonton. Pub sca 1:25,000.	Fyles, JG	TS	EGG	Alta	-	X	
720003*	WW Compilation, coding, quantification and appraisal of mineral resource potential area Obj.: To compile, code and put into quantifiable form, geological and mineral deposit data for the estimation of mineral resource potential of selected regions in Canada.	Agterberg, FP	REG	GM	Mack BC, Ont Que	-	X	
720004*	Co-operative terrain mapping, south-central British Columbia Obj.: To map, describe and explain the unconsolidated deposits and landforms in order to provide terrain inventory maps; to determine the Quaternary history of the area; and to provide consultative advice to the British Columbia soil-land classification program. Pub sca 1:125,000.	Fulton, RJ	TS	RSP	BC	82 M, Pts N, 83 D, H, 92 H	X	
720005*	Seismic refraction - Sverdrup Basin Obj.: To determine thickness and attitude of sediments overlying crystalline basement, to determine seismic velocities within and depth to refracting interfaces within the geological section, to provide regional information about the architecture and structural history of the Sverdrup Basin.	Hobson, GD	RGG	SM	Frank	Pts 49, 59, 69, 79, 89	X	



Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
720006*	WW Environmental geology, Victoria, B.C.	Fyles, JG	TS	EGG	BC	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Victoria, B.C. Pub sca 1:25,000							
720007*	WW Environmental geology, Regina, Sask.	Fyles, JG	TS	EGG	Sask	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Regina, Sask. Pub sca 1:25,000.							
720008*	WW Environmental geology, Winnipeg, Man.	Fyles, JG	TS	EGG	Man	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Winnipeg, Man. Pub sca 1:25,000.							
720009*	WW Environmental geology, Thunder Bay-Sault Ste. Marie	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Thunder Bay-Sault Ste. Marie. Pub sca 1:25,000.							
720010*	WW Environmental geology, Sudbury, Ont.	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Sudbury, Ont. Pub sca 1:25,000.							
720011*	WW Environmental geology, Windsor-London	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Windsor-London. Pub sca 1:25,000.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
720012*	WW Environmental geology, Kitchener-Waterloo	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Kitchener-Waterloo. Pub sca 1:25,000.							
720013*	WW Environmental geology, Hamilton, Ont.	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Hamilton, Ontario. Pub sca 1:25,000.							
720014*	WW Environmental geology, Toronto	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Toronto. Pub sca 1:25,000.							
720015*	WW Environmental geology, Oshawa area west to Victoria Ave.	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Oshawa area west to Victoria Ave. Pub sca 1:25,000.							
720016*	WW Environmental geology, Montreal, P.O.	Fyles, JG	TS	EGG	Que	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Montreal, P.Q. Pub sca 1:25,000.							
720017*	WW Environmental geology, Shawinigan-Trois Rivières	Fyles, JG	TS	EGG	Que	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Shawinigan-Trois Rivières. Pub sca 1:25,000.							
720018*	WW Environmental geology, Niagara Falls area	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data in St. Catharines-Niagara Falls area. Pub sca 1:25,000.							

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
720019*	WW Environmental geology, Moncton-St. John-Fredericton	Fyles, JG	TS	EGG	NB	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Moncton-St. John-Fredericton. Pub sca 1:25,000.							
720020*	WW Environmental geology, Halifax-Dartmouth	Fyles, JG	TS	EGG	NS	-	X	
	Obj.: To collect and collate all available geological and related terrain data in Halifax-Dartmouth. Pub sca 1:25,000.							
720021*	WW Environmental geology, St. John's, Nfld.	Fyles, JG	TS	EGG	Nfld	-	X	
	Obj.: To collect and collate all available geological and related terrain data in St. John's. Pub sca 1:25,000.							
720022*	WW Environmental geology, Ottawa	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data for Ottawa. Pub sca 1:25,000.							
720023*	WW Environmental geology, Ontario Highway System	Fyles, JG	TS	EGG	Ont	-	X	
	Obj.: To collect and collate all available geological and related terrain data for the Ontario Highway System. Pub sca 1:25,000.							
720024*	Gibson Lake Map-area, N.W.T.	Reinhardt, EW	REG	PS	Kee	55 M	X	

Obj.: To determine the geological framework as a basis for assessing further topical studies essential for an estimate of the mineral potential of the area and for future development of the region. Particularly to subdivide the large areas of gneiss and schist and to relate them to the Archean and Aphebian stratigraphy in the adjoining map-areas. Pub sca 1 in to 4 mi.

Project Number	Title	Project Leader	Div.	Sect.	Prov.	NTS	Act. 71-72	Inact. 71-72
720025	Illustrated booklet "Laboratory and Technical Services of the Geological Survey of Canada"	Harker, P.	GIP	Adm	-	-	X	
	Obj.: To replace long out-of-date version prepared in 1963.							
720026	Catalogue of photographs from the GSC collection illustrating geological structures and Canadian physiography	Blackadar, RG	GIP	Adm	-	-	X	
	Obj.: To meet a public demand for such photographs by book publishers, schools, etc.							