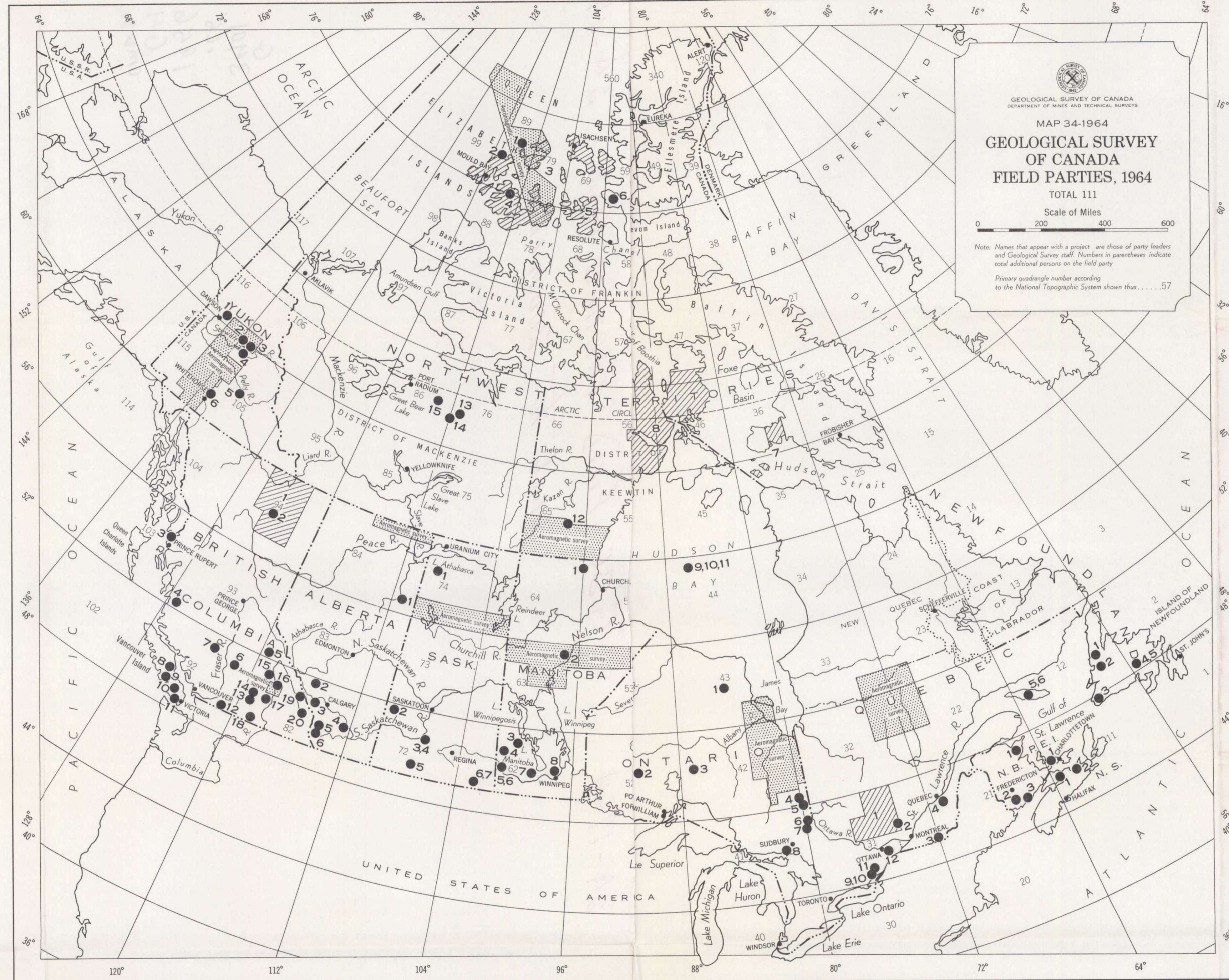


- NORTHWEST TERRITORIES**
- DISTRICT OF FRANKLIN
  - 1 MARINE GEOLOGY POLAR SHELF: BORDEN, BROCK, AND PRINCE PATRICK ISLANDS B. R. Pelletier (See also Dist. of Keewatin)
  - 2 MARINE GEOLOGY SATELLITE BAY, PRINCE PATRICK ISLAND G. Vilks (See also General) (+2)
  - 3 SURFICIAL GEOLOGY PRINCE PATRICK, MELVILLE, ELLEF AND AMUND RINGNES, LOUHEED AND MEIGHEN ISLANDS, AND BORDEN GROUP (69, 78 N, 79, 88 N, 89, 99) J. G. Fyles
  - 4 TRIASSIC 'TAR SAND' NORTHWEST MELVILLE ISLAND H. P. Tretlin (+1)
  - 5 BATHURST ISLAND (68 G, H; 69 A, B) J. W. Kerr (+6) SURFICIAL GEOLOGY W. Blake
  - 6 PERMO-CARBONIFEROUS STRATIGRAPHY PARTS OF GUNNELL PENINSULA, CAMERON, HELENA, AND MELVILLE ISLANDS W. W. Nasichuk (+1)
  - 7 ANDREW GORDON BAY - CORY BAY (36 B, G), SALISBURY MILL, AND NOTTINGHAM ISLANDS (35 M, N) R. G. Blackadar (+3)
  - DISTRICT OF KEEWATIN
  - 8 OPERATION WAGER NE. DISTRICT OF KEEWATIN; MELVILLE PENINSULA; DISTRICT OF FRANKLIN (46 NE, NW; parts of 46 SW, 47 SE, 56 SE, NE; 57 SE) W. W. Heywood (+5) J. A. Donaldson G. D. Jackson W. R. A. Baragar C. Godwin SURFICIAL GEOLOGY B. G. Craig
  - 9 AEROMAGNETIC SURVEY CENTRAL HUDSON BAY P. Sawatzky K. H. Owens A. Dicaire H. Knapp R. Langlois
  - 10 MARINE SEISMIC REFRACTION SURVEY CHURCHILL, MANITOBA TO OTTAWA ISLANDS, HUDSON BAY G. D. Hobson (See also Ontario (+4)) H. A. MacAulay R. A. Hodge
  - 11 MARINE GEOLOGY HUDSON BAY B. R. Pelletier (See also District of Franklin)
  - 12 KOONAK RIVER (65 G East half, 65 H West half) K. E. Eade (+6)
  - DISTRICT OF MACKENZIE
  - 13 CONTWOTYO LAKE (78 E/11, 14) L. P. Tremblay (+6)
  - 14 CONTWOTYO LAKE W<sub>1</sub> (76 E West half) POINT LAKE E<sub>1</sub> (86 H East half) H. H. Bostock (+4)
  - 15 ROCKNEST LAKE (86 G NE, H NW, I SW, J SE) (+6)
  - YUKON TERRITORY**
  - 1 TOMSTONE (116 B/7) D. Tempelman-Kluit (+4)
  - 2 MOUNT HILDANE (105 M/13), DEBLIN GULCH (106 D/4; part of) W. H. Poole (+6)
  - 3 GEOCHEMICAL SURVEY KENO HILL AND VICINITY (105 M/13, 14, 15, 16; 106 D/1, 2, 3, 4) C. F. Gleason (+15)
  - 4 SURFICIAL GEOLOGY KENO HILL AND VICINITY (105 M N), KLONDIKE REGION (Parts of 115, 116), DAWSON VICINITY (Parts of 116 B) O. L. Hughes (+3)
  - 5 ENGINEERING GEOLOGY YUKON DAM SITES E. B. Owen (+2)
  - 6 PALAEOMAGNETIC SURVEY LABERGE (105 E), WHITEHORSE (105 D) R. F. Black G. Freda
- BRITISH COLUMBIA**
- 1 OPERATION LIARD NE. BRITISH COLUMBIA (94 F E<sub>1</sub>, G, J, K, N, O) G. C. Taylor (+6) D. F. Scott E. W. Bamber
  - 2 ORDOVICIAN AND SILURIAN BIOSTRATIGRAPHY SE. AND NE. BRITISH COLUMBIA B. S. Norford (+1)
  - 3 PRINCE RUPERT E<sub>1</sub> (103 J East half), TERRACE W<sub>1</sub> (103 I West half) W. W. Hatchison (+4)
  - 4 BELLA COOLA (93 D) A. J. Baer (+3)
  - 5 CANOE RIVER W<sub>1</sub> (83 D West half) R. B. Campbell (+6)
  - 6 HYDROGEOLOGY BONAPARTE RIVER DRAINAGE BASIN (92 I, P; parts of) L. V. Brandon
  - 7 TASEKO LAKES (92 O), BONAPARTE RIVER W<sub>1</sub> (92 P W<sub>1</sub>) H. W. Tipper (+6)
  - 8 ALBERNI (92 F), VANCOUVER (92 G), BUTE INLET (92 K) J. E. Muller (+4)
  - 9 METALLOGENIC STUDY VANCOUVER ISLAND D. J. T. Carson (+1)
  - 10 TERTIARY PALYNOLOGY VICTORIA TO ALBERNI INLET (92 B, C) R. L. Cox
  - 11 SURFICIAL GEOLOGY SE. VANCOUVER ISLAND AND GULF ISLANDS E. C. Halstead
  - 12 MANNING PARK (Part of 92 H) J. Coates (+1)
  - 13 GRAVEL DEPOSITS SOUTH-CENTRAL BRITISH COLUMBIA (82 E, F, L; 92 H, I) S. F. Leaming
  - 14 SURFICIAL GEOLOGY VERNON W<sub>1</sub> (82 L West half) R. J. Fulton (+3)
  - 15 BIG BEND (82 M East half) J. O. Wheeler
  - 16 REVELSTOKE VICINITY (82 M/1 and parts of 82 N/4) J. V. Ross (+1)
  - 17 GRANITE ROCKS SE. BRITISH COLUMBIA (Parts of 82 L/8, 9) J. E. Reesor (+1)
  - 18 GREENWOOD (82 E/2) H. W. Little (+2)
  - 19 TECTONIC FABRICS SOUTHERN FOOTHILLS AND ROCKY MOUNTAINS R. A. Price
  - 20 KANANASKIS LAKES W<sub>1</sub> (82 J West half) G. B. Leech (+6)
- ALBERTA**
- 1 DEVONIAN BIOSTRATIGRAPHY CLEARWATER AND ATHABASCA RIVERS T. T. Uyeno (+1)
  - 2 LIMESTONE MOUNTAIN W<sub>1</sub> (82 O/14 West half) N. C. Ollershaw (+6)
  - 3 MISSISSIPPIAN STRATIGRAPHY AND PETROLOGY BOW AND HIGHWOOD RIVERS (82 J, O; parts of) R. W. Macqueen (+2)
  - 4 SURFICIAL GEOLOGY BASSANO E<sub>1</sub> (82 I E<sub>1</sub>), KANANASKIS LAKES (Part of 82 J) A. M. Stalker (+2)
  - 5 SOUTHERN FOOTHILLS AND ROCKY MOUNTAINS (82 G, J) D. K. Norris
  - 6 CROWNSTON VOLCANICS CROWNSTON PASS T. H. Pearce (+1)



MAP 34-1964  
**GEOLOGICAL SURVEY OF CANADA**  
 FIELD PARTIES, 1964  
 TOTAL 111  
 Scale of Miles  
 0 200 400 600

*Note: Names that appear with a project are those of party leaders and Geological Survey staff. Numbers in parentheses indicate total additional persons on the field party.*

*Primary quadrangle number according to the National Topographic System shown thus: . . . . 57*

- SASKATCHEWAN**
- 1 CARSWELL LAKE (Part of 74 K) K. L. Currie (+1)
  - 2 PLAINS OF SOUTHERN ALBERTA AND SASKATCHEWAN E. J. W. Irish (+1)
  - 3 ENGINEERING GEOLOGY RIVERBURY, SASK., AND EDMONTON, ALTA., DISTRICTS J. S. Scott (+1)
  - 4 CRETACEOUS AQUIFERS S. SASKATCHEWAN RIVER RESERVOIR (72 J, O) R. O. van Everdingen
  - 5 HYDROGEOLOGY OLD WIVES LAKE DRAINAGE BASIN (72 F, G, H; parts of) R. A. Freeze (+2)
  - 6 RESISTIVITY SURVEY STEELMAN J. E. Wyder (+3)
  - 7 INDUCED POLARIZATION TESTS WINKLER, MAN., WATROUS AND STEELMAN, SASK. L. S. Collett (+1) G. Gauvain
- MANITOBA**
- 1 NEJANILINI LAKE (64 P), CARIBOU RIVER (64 M) W. L. Davison (+5)
  - 2 SPIWESK, NELSON HOUSE, CROSS LAKE, WEKUSO L. (63 NE) C. K. Bell (+3)
  - 3 DEVONIAN BIOSTRATIGRAPHY LAKE MANITOBA AND LAKE WINNIPEGOSIS A. W. Norris (+1)
  - 4 SURFICIAL GEOLOGY RIDING MOUNTAIN (62 K), DUCK MOUNTAIN (62 N) R. W. Klassen (+1)
  - 5 HYDROGEOLOGY ASSINIBOINE RIVER DRAINAGE BASIN P. Meyboom (+1)
  - 6 HYDROGEOLOGY OAK RIVER DRAINAGE BASIN (Part of 62 K) A. Lissey (+1)
  - 7 HYDROGEOLOGY GARDNER DISTRICT (62 G N, J S; parts of) P. A. Carr
  - 8 HYDROGEOLOGY RED RIVER BASIN (62 H, I; part of) J. E. Charron (+1)
- ONTARIO**
- 1 SEISMIC REFRACTION SURVEY HUDSON BAY LOWLANDS G. D. Hobson
  - 2 SIOUX LOOKOUT (62 J) R. Skimmer (+3)
  - 3 MAGNETIC SURVEY OF IRON FORMATIONS NAKINA (Part of 42 L) D. F. Sangster (+4)
  - 4 METALLOGENIC STUDIES SAULT STE. MARIE, ONT. TO CHIBOUGAMAU, QUE. S. M. Roscoe (+4)
  - 5 SURFICIAL GEOLOGY KIRKLAND LAKE - LARDER LAKE, AND COBALT H. A. Lee (+8)
  - 6 HAMMER SEISMIC SURVEY COBALT, AND ANSTRUTHER TOWNSHIP G. H. Gale (+1)
  - 7 IRON FORMATIONS TIMAGAMI LAKE VICINITY (Parts of 31 NW, and 41 NE) H. P. Wilton (+1)
  - 8 LAKE PANACHE (41 L/3) M. J. Frayre (+2)
  - 9 SURFICIAL GEOLOGY KINGSTON SE. (31 C SE) E. P. Henderson (+1)
- QUEBEC**
- 1 GRENVILLE PROJECT DEEP RIVER E<sub>1</sub> (31 K E<sub>1</sub>), MONT LAURIER (31 J), KEMPT LAKE (31 O) H. R. Wynne-Edwards (+18) A. Gregory D. Anderson E. Gaucher
  - 2 ANORTHOITE STUDY VAL MORIN VICINITY (Parts of 31 J/1, 2, 8, 9; 31 I/4, 5) R. F. Emalie (+2)
  - 3 SURFICIAL GEOLOGY RICHMOND - SHERBROOKE REGION (31 H/8 E<sub>1</sub>, 31 H/9, 21 E/8 W<sub>1</sub>) B. C. McDonald (+1)
  - 4 SURFICIAL GEOLOGY CHAUDIERE VALLEY REGION (21 L/2, 6, 7, 11, 12) N. R. Gadd (+1)
  - 5 SILURIAN BIOSTRATIGRAPHY ANTICOSTI ISLAND T. E. Bolton (+1)
  - 6 ORDOVICIAN AND SILURIAN MICROPALEONTOLOGY ANTICOSTI ISLAND M. J. Copeland J. E. A. Matte
- NEW BRUNSWICK**
- 1 GEOCHEMISTRY BATHURST - NEWCASTLE AND SW. NEW BRUNSWICK R. W. Boyle (+5)
  - 2 GROUNDWATER S. NEW BRUNSWICK, AND NOVA SCOTIA (Mainly 21 G, H W<sub>1</sub>) M. L. Parsons (+1)
  - 3 CAMBRIAN BIOSTRATIGRAPHY SAINT JOHN B. A. Green
- NOVA SCOTIA**
- 1 COBEQUID MOUNTAINS (11 E/11; and parts of 11 E/10, 12; 21 H/7, 8, 9) D. G. Kelley (+4)
  - 2 MERIGOMISH (11 E/8, 16; F/13) D. G. Benson (+4)
- PRINCE EDWARD ISLAND**
- 1 PLEISTOCENE GEOLOGY RUSTICO W<sub>1</sub> (11 L/6 W<sub>1</sub>), CAPE TORMENTINE E<sub>1</sub> (11 L/4 E<sub>1</sub>) V. K. Prest (+3)
- NEWFOUNDLAND**
- 1 PALAEOZOIC BIOSTRATIGRAPHY FORT AU PORT PENINSULA AND VICINITY (Parts of 12 B, G, H, I, P) L. M. Cumming
  - 2 ULTRABASIC ROCKS BAY OF ISLANDS (Part of 12 SE) D. C. Findlay (+3)
  - 3 FORT AUX BASQUES (11 O) J. W. Gillis (+4)
  - 4 GANDER LAKE W<sub>1</sub> (Part of 2 D W<sub>1</sub>), WESLEYVILLE (2 F) F. D. Anderson (+4)
  - 5 GANDER LAKE W<sub>1</sub> (Part of 2 D W<sub>1</sub>) H. Williams (+4)

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- GENERAL**
- MARINE GEOLOGY NORTHUMBERLAND STRAIT K. M. Kranek (+1)
  - MARINE GEOLOGY GULF OF ST. LAWRENCE G. Vilks (See also District of Franklin)
  - MARINE GEOLOGY CONTINENTAL SLOPE OF NOVA SCOTIA J. I. Marlowe
  - MARINE GEOLOGY CONTINENTAL SHELF OF NOVA SCOTIA L. H. King
  - MARINE GEOLOGY ATLANTIC PROVINCES G. A. Bartlett (+3)
  - MARINE GEOLOGY E. CANADA AND ADJACENT CONTINENTAL SHELF K. Hooper (+1)
  - BIOGEOCHEMISTRY ONTARIO, QUEBEC, AND NOVA SCOTIA J. Fortescue (+3)
  - TRIASSIC BIOSTRATIGRAPHY AXEL HEIBERG ISLAND AND NE. BRITISH COLUMBIA E. T. Tozer (+1)
  - SILURIAN - DEVONIAN VERTEBRATE PALAEOLOGY AND STRATIGRAPHY ALBERTA, QUEBEC, AND NOVA SCOTIA D. L. Dinley
  - NICKEL DEPOSITS YUKON, BRITISH COLUMBIA, ONTARIO AND NEW BRUNSWICK J. A. Chamberlain (+2)
  - METALLOGENIC STUDY NOVA SCOTIA AND NEW BRUNSWICK W. D. McCarthy (+1)
  - TIN DEPOSITS YUKON, BRITISH COLUMBIA, AND NEWBRUNSWICK R. Mulligan (+1)
  - VANADIUM DEPOSITS EASTERN CANADA E. R. Rose (+1)
  - IRON DEPOSITS AND IRON FORMATIONS YUKON, BAFFIN ISLAND, AND ONTARIO G. A. Gross (+1)
  - COPPER DEPOSITS YUKON, AND N. BRITISH COLUMBIA E. D. Kindle (+2)
  - SULPHIDE DEPOSITS BRITISH COLUMBIA, SASKATCHEWAN, MANITOBA, YUKON, BRITISH COLUMBIA, AND NEWFOUNDLAND D. R. E. Whitmore (+3)
  - MINERAL OCCURRENCES CAPE BRETON ISLAND AND PRINCE EDWARD ISLAND A. Sabina
  - COLLECTIONS OF ROCKS AND MINERALS ONTARIO, QUEBEC, NEW BRUNSWICK, AND NOVA SCOTIA C. H. R. Gauthier
  - GEOCHEMISTRY OF DEVONIAN REEFS SW. ALBERTA AND N. BRITISH COLUMBIA E. M. Cameron (+1)
  - JURASSIC STRATIGRAPHY AND PALAEOLOGY ALBERTA AND BRITISH COLUMBIA H. Frelsd (+1)

MAP 34-1964  
**GEOLOGICAL SURVEY OF CANADA**  
 FIELD PARTIES, 1964