Energy, Mines and Resources Canada
Énergie, Mines et Ressources Canada

Geological Survey of Canada
Commission géologique du Canada

LEGEND

PLEISTOCENE

- **Q** — Thick glacial drift, scarce rock outcrop

MIOCENE

- **Tb** — BEAUFORT FORMATION: sandstone, conglomerate, shale

PALEOCENE- EOCENE

- **Te2** — EUREKA SOUND FORMATION: cyclic member; sandstone, shale, coal
- **Te1** — EUREKA SOUND FORMATION: shale member

CRETACEOUS

UPPER CRETACEOUS

- **Kk** — KANGUK FORMATION: shale, siltstone

LOWER CRETACEOUS

- **Kh** — HASSEL FORMATION: unconsolidated sand, minor shale, silt
- **Kc** — CRISTOPHER FORMATION: shale, siltstone, sandstone
- **Ki** — ISACHSEN FORMATION: sandstone, shale, siltstone, coal

DEVONIAN

UPPER DEVONIAN

MELVILLE ISLAND GROUP

- **Dm3** — PARRY ISLAND FORMATION: sandstone, siltstone, shale, coal
- **Dm2** — MERCY BAY MEMBER: biohermal limestone
- **Dm1** — LOWER UNIT (pre-MERCY BAY MEMBER): shale, limestone, dolomite, quartzose sandstone

LOWER DEVONIAN

- **Db** — BLUE FIORD FORMATION: limestone, minor dolomite, shale (includes some calcareous shale)

SILURIAN

- **Sr** — READ BAY GROUP: dolomite

ORDOVICIAN - SILURIAN

- **O** — Dolomite, minor chert, shale, sandstone

PRECAMBRIAN (LATE)

- **Pn** — NATKUSIAK BASALT
- **Pk** — KILIAN FORMATION: gypsum, anhydrite, shale, sandstone, limestone, siltstone, dolomite
- **Pw** — WYNNIAT FORMATION: limestone, minor dolomite, shale, sandstone
- **Pm** — MINTO INLET FORMATION: gypsum, anhydrite, minor sandstone, limestone, shale, dolomite, siltstone
- **Pr** — REYNOLDS POINT FORMATION: limestone, sandstone, minor siltstone, shale
- **Pg** — GLENELG FORMATION: sandstone, limestone, shale, siltstone, dolomite, conglomerate

Geological boundary (defined, approximate, assumed)
Fault (defined, approximate; solid circle indicates downthrow side)
Anticline (defined)
Syncline (defined, approximate)
Well (see table 7 for source data) M-64
Sample site (see Appendix II for geochemical results) 82-155
Geological domain boundary
Proposed park boundary

GEOLOGICAL DOMAINS

I Amundsen Embayment
II Prince Albert Homocline
III Banks Basin
IV Arctic Coastal Plain

Geology after A.D. Miall, 1976, 1979; R. Thorsteinsson and E.T. Tozer, 1962; and C.W. Jefferson et al, 1985.

Compilation & interpretation by C.W. Jefferson

Figure 4. Map of geology, geologic domains, proposed park areas and sample locations, Banks and northwestern Victoria islands (after Vincent, 1983; Thorsteinsson and Tozer, 1962; Jefferson et al., 1985).

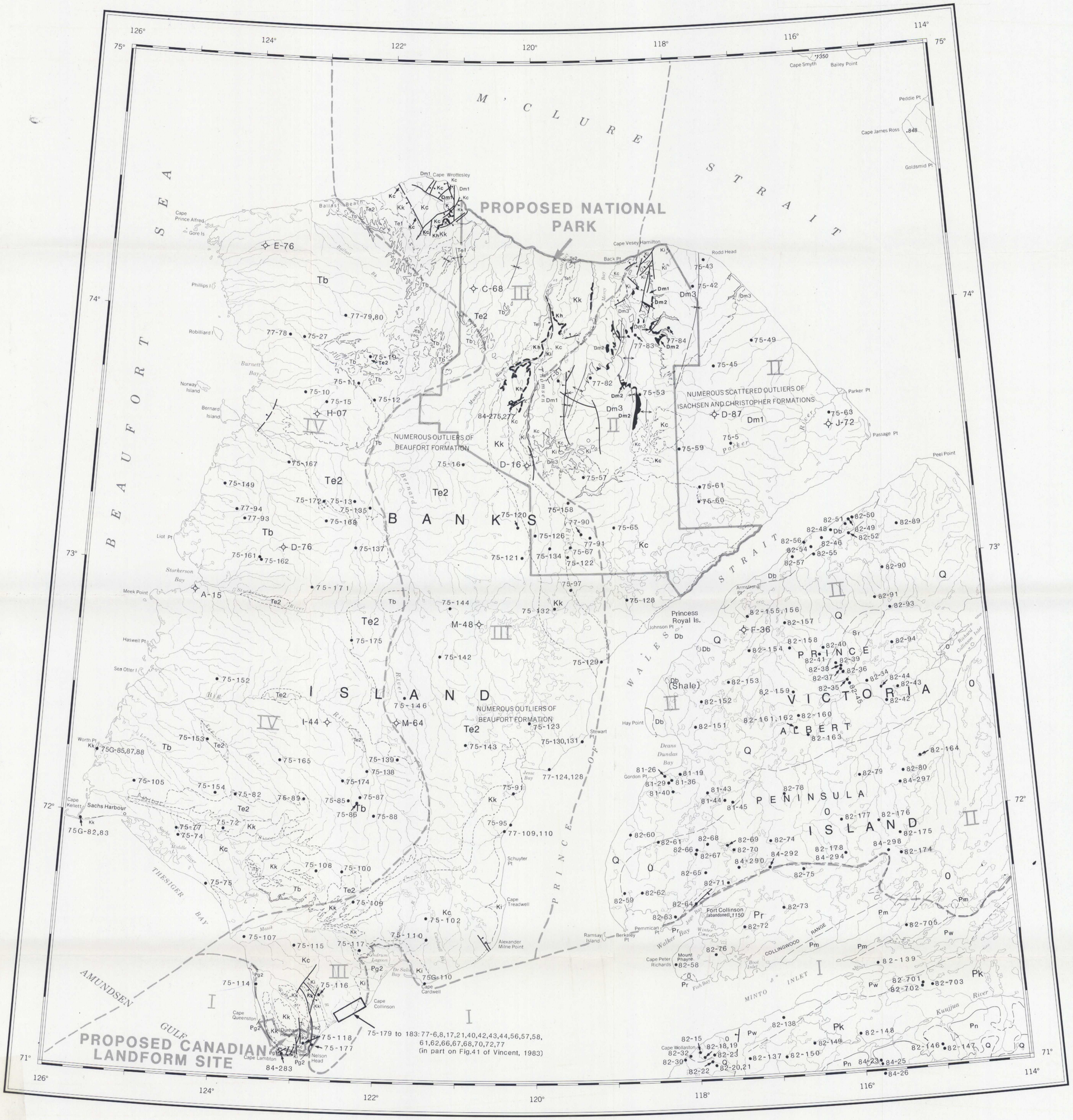


Figure 4

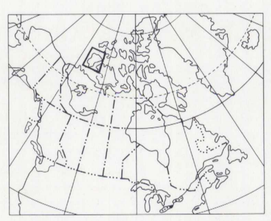
GEOLOGICAL DOMAINS, PROPOSED PARK BOUNDARIES AND SAMPLE LOCATIONS, BANKS-VICTORIA ISLANDS

District of Franklin

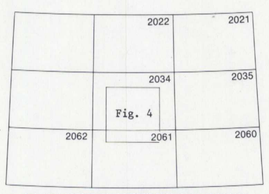
Scale 1:1,000,000

Kilometres 25 0 25 50 75 Kilometres

Miles 20 0 20 40 Miles



INDEX MAP



NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

OPEN FILE
DOSSIER PUBLIC
1695
GEOLOGICAL SURVEY OF CANADA
COMMISSION GEOLOGIQUE DU CANADA
OTTAWA

This map has been produced from a scanned version of the original map
Reproduction par numérisation d'une carte sur papier