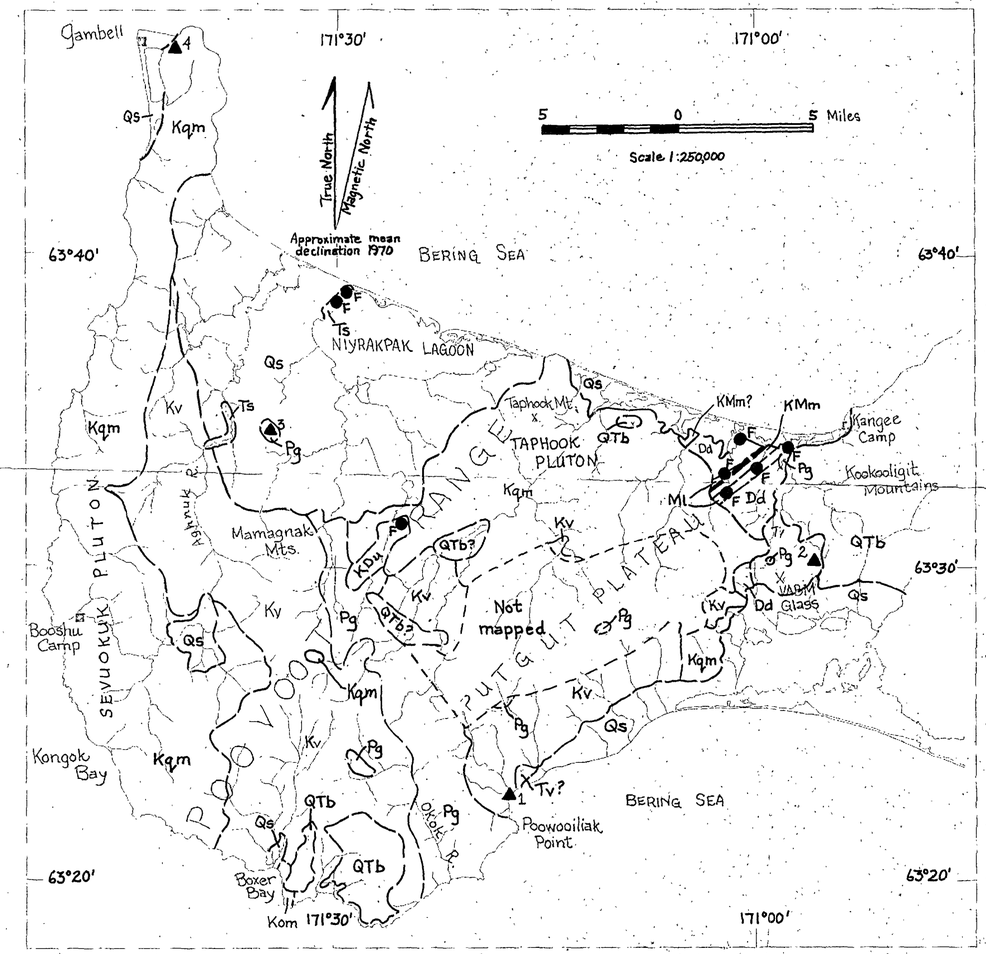

Figure 2. Reconnaissance geologic map of western St. Lawrence Island.

EXPLANATION

LAYERED ROCKS

Qs — Surficial deposits (Quaternary)

QTb — Basalt (Tertiary(?) and Quaternary)

Ts — Sandstone, coal, and tuff (Tertiary)

Tv — Felsic volcanic and hypabyssal intrusive rocks (Tertiary)

Kv — Andesitic to latitic volcanic and hypabyssal intrusive rocks (Cretaceous)

KDu — Undivided rocks

- **KMm** — Mudstone, black shale, chert, and limestone (Mississippian to Cretaceous)
- **Ml** — Limestone and chert (Mississippian)
- **Dd** — Dolomite (Devonian)

INTRUSIVE ROCKS

Kqm / ~~Kom~~ — Monzonite; Kqm, quartz monzonite; Kom, olivine monzonite (Cretaceous)

Pg — Gabbro, diabase, and some siliceous mudstone (Permian(?))

Contact, approximately located

Fault, approximately located

▲1 Location of sample dated by K-Ar method. Number refers to tables 1-4 in text

● F Fossil locality

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.