



**SYMBOLS**

- $\wedge \wedge \wedge$  bedding (inclined, vertical, horizontal, overturned)
- $\wedge \wedge$  foliation or cleavage (inclined, vertical)
- $\wedge \times$  fold axial surface (inclined, vertical)
- $\wedge$  fold axis
- $\wedge$  mineral lineation
- stratigraphic or intrusive contact (defined, approximate, assumed)
- - - fault (defined, approximate, assumed; u=upthrown side, d=downthrown side)
- trace of axial surface (anticline)
- trace of axial surface (syncline)
- C-185023 fossil locality with Geological Survey of Canada locality number
- - - limit of mapping

**LEGEND**

- CENOZOIC**
- TERTIARY**
- Tr** KANO PLUTONIC SUITE: homogeneous, fine- to medium-grained, equigranular to seriate and massive, quartz monzodiorite, quartz monzonite, and diorite
- Paleocene to Lower Pliocene
- Tr** MASSET FORMATION and unnamed volcanic rocks: dominantly aphyric, mafic to felsic volcanic flows and pyroclastic rocks
- MESOZOIC**
- CRETACEOUS**
- Coniacian and Lower Santonian
- Cx** HONNA FORMATION: conglomerate and minor sandstone
- Valanginian to Campanian
- "CRETACEOUS SHALE"
- Cs** turbidite lithofacies: thinly- to medium-bedded turbiditic shale, siltstone, and sandstone
  - Ca** shale lithofacies: thinly-bedded shale; minor sandstone
- JURASSIC**
- Middle to Late Jurassic
- Jp** BURNABY ISLAND and SAN CHRISTOVAL PLUTONIC SUITES: undifferentiated, foliated quartz diorite and quartz monzodiorite, medium-grained, equigranular, quartz monzodiorite, quartz monzonite, and diorite
- Bajocian
- Jt** YAKOUN GROUP: thinly bedded to massive epiclastic shale, siltstone, and conglomerate
- Upper Sinemurian to Lower Alenian
- Ja** MAUDE GROUP: fine- to coarse-grained oolitic sandstone
- UPPER TRIASSIC AND LOWER JURASSIC**
- Upper Carnian to Sinemurian
- TrK** KUNGA GROUP
- Upper Norian to Sinemurian
- TrN** SANDLANDS FORMATION: thinly- to medium-bedded argillite, siltstone, sandstone, and tuff
- Lower to Middle Norian
- TrP** PERIL FORMATION: dark grey to black thinly- to medium-bedded limestone, argillite, and siltstone
  - TrKs** Upper Carnian and Lower Norian
  - TrS** SADLER LIMESTONE: thickly-bedded to massive, crystalline grey limestone
- UPPER TRIASSIC**
- Carnian
- TrK** KARMUTSEN FORMATION: mafic volcanic flows; flow breccia; pillowed flows; minor limestone
- PALEOZOIC**
- Pz** interlayered cherty tuff, lapilli tuff, and limestone; scoriaceous volcanic breccia
- Carboniferous (?) and Permian
- PtPz** interlayered carbonate and chert; minor interlayered chert and chlorite schist; rare pebble conglomerate, feldspathic sandstone, argillite, and siliceous sandstone

**FOSSILS**

GSC LOCALITY	FOSSILS	AGE
C-184992	<i>Neogondolella</i> sp.	latest Carboniferous and Permian
C-184993	<i>Merrillina?</i> sp. <i>Sweetognathus?</i> sp.	Permian
C-185022	<i>Neogondolella</i> sp.	latest Carboniferous and Permian
C-185023	<i>Neogondolella</i> sp. <i>Diptegmaphodus?</i> sp.	latest Carboniferous and Permian

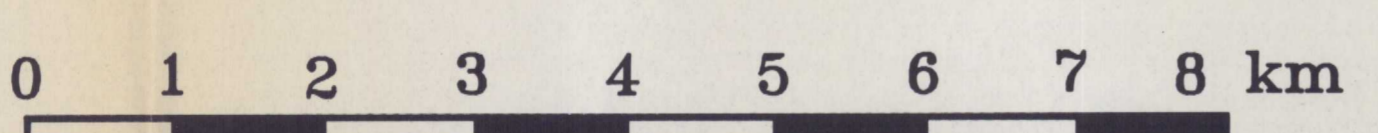
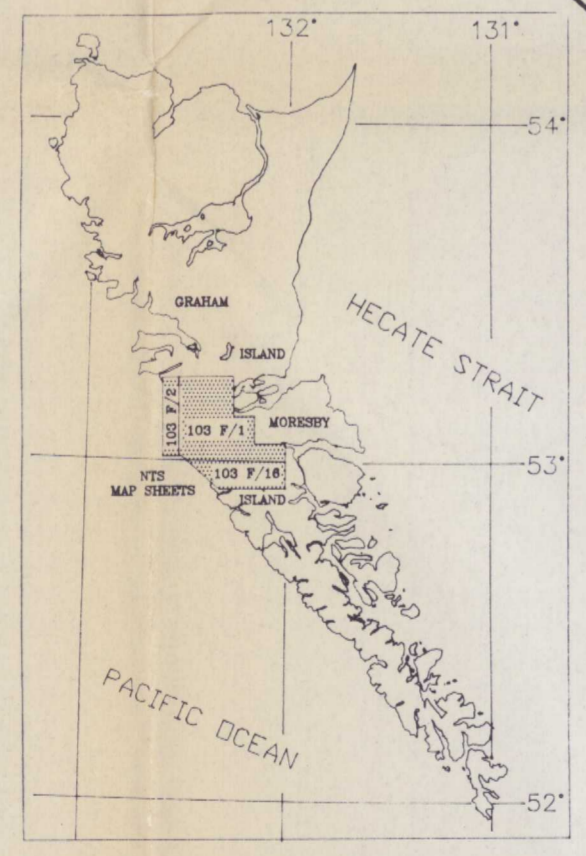
Fossil identifications by M.J. Orchard

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**Geology of northwestern Moresby Island and southwestern Graham Island  
Queen Charlotte Islands, British Columbia**

Geology by: J. Indreid, J. Hesthammer, and P.D. Lewis  
1991

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