SYMBOLS

- bedding (inclined, vertical, horizontal, overturned)
- foliation or cleavage (inclined, vertical)
- fold axial surface (inclined, vertical)
- fold axis
- 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)
- fossil locality with Geological Survey of Canada locality number (e.g. C-185023)
- limit of mapping

LEGEND

CENOZOIC

TERTIARY

Tp — KANO PLUTONIC SUITE: homogeneous, fine- to medium-grained, equigranular to seriate and massive, quartz monzodiorite, quartz monzonite, and diorite

Paleocene to Lower Pliocene

Tv — MASSET FORMATION and unnamed volcanic rocks: dominantly aphyric, mafic to felsic volcanic flows and pyroclastic rocks

MESOZOIC

CRETACEOUS

Coniacian and Lower Santonian

KH — HONNA FORMATION: conglomerate and minor sandstone

Valanginian to Campanian

"CRETACEOUS SHALE"

Kt — turbidite lithofacies: thinly- to medium-bedded turbiditic shale, siltstone, and sandstone

Ks — 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

JY — YAKOUN GROUP: thinly-bedded to massive epiclastic shale, siltstone, sandstone, and conglomerate

Upper Sinemurian to Lower Aalenian

JM — MAUDE GROUP: fine- to coarse-grained oolitic sandstone

UPPER TRIASSIC AND LOWER JURASSIC

Upper Carnian to Sinemurian

TrJK — KUNGA GROUP

Upper Norian to Sinemurian

TrJS — SANDILANDS 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

TrKu — 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

Ps — interlayered cherty tuff, lapilli tuff, and limestone; scoriaceous volcanic breccia

Carboniferous (?) and Permian

P(?)v — 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	*Neogondolella* sp.	latest Carboniferous and Permian
C-184993	*Merrillina*? sp. *Sweetognathus*? sp.	Permian
C-185022	*Neogondolella* sp.	latest Carboniferous and Permian
C-185023	*Neogondolella* sp. *Diplognathodus*? 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. Indrelid, J. Hesthammer, and P.D. Lewis
1991

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