Plate I. San Christoval Range from opposite Tasu Head. Mount De la Touche in the distance.
Plate II. Security Inlet, a typical west coast fiord.
Plate IIIa. Panorama of Skidegate Inlet from Slatechuck Mountain, showing Lowland, Skidegate Plateau, and Queen Charlotte Ranges.

Plate IIIb. Skidegate Plateau looking northwest from west of Tartu Inlet. Plateau surface truncates Masset flows.
Plate IVa. Argonaut Plain, Queen Charlotte Lowland, looking south from near mouth of Oeanda River.

Plate IVs. Tow Hill and Yakan Point—view of Lowland to west.
Plate V. Karmutsen Formation.

(c) General view of well-bedded pillow lava facies on Yatza Mountains.

(d) Separated pillows with calcareous interstices on a limestone lens, upper part of formation, near Vertical Point, Louise Island.

(a) Complex pillows, bulisters, and lava tubes, Louscoone Inlet.

(b) Aquagene tuff with inverted grading and reworked tuff, Gorden Islands.
Plate VIa. Kunga flaggy argillite, Kunga Island, view to Titul Island where whole of massive limestone member is exposed. Note wave-cut bench.

Plate VIb. Kunga massive limestone, with solution pits and Masset basalt dyke showing amount of post-glacial solution, Belkus Islands.

Plate VIc. Maude blocky argillite, calcareous and noncalcaceous shale. Note contrast with Kunga flaggy argillite, Maude Island.
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Plate VIIb. Detail of Yakoun porphyritic andesite agglomerate, near Skidegate Village.

Plate VIIc. Honna conglomerate and coarse feldspathic sandstone. Note granitic and Kunga argillite cobbles, and shale sharpstones; near Mosquito Lake.
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Plate VIIIb. Longarm dense calcareous siltstone, Murchison Island.

Plate VIIIc. Haida silty shale with laminated calcareous shale by pick, Queen Charlotte.
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Plate IXb. Masset columnar basalt of the basal member of the Tartu facies (TMa), Joseph rocks near Tian Head.
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Plate XB. Detail.

Plate XC. Sea cliff of Pleistocene deposits, north of Mayer River, showing 17 feet of stony clay at the base, overlain by 10 feet of sands and 20 feet of till.
Plate XIa. Gross contact breccia of post-tectonic Pocket granite and Karrmutzel meta-
salts cut by numerous Masset basalt dykes, near Barry Inlet.

Plate XIb. Foliated syn-tectonic hornblende quartz diorite with characteristic mafic
inclusions. Nungwai Rock at entrance to Gugata Bay.
Plate XIIIa. Bouldery sandstone of shoreline facies of Longarm Formation unconformably overlying flaggy Motonka-bearing black limestone of Kunga Formation, Ariehika Island.

Plate XIIIb. Pebbly black and white basal sandstone of Haida Formation unconformably overlying conglomeratic Yakoun andesite, Haida Point.
Plate XIIIa. Photomicrograph of Masset rhyolite welded ash flow (TMa) from Otard Bay. Note welded glass shards, clasts of porphyritic basalt, acid plagioclase, and earlier welded tuff. Plain light ×50.

Plate XIIIb. Negative projection of a thin-section of Karmutsen fine broken pillow breccia (opaque shows white and vice versa). Note angular fragments of microporphyritic basalt and shard-like amygdaloidal sideromelane with reaction rims. Locality, Mitchell Inlet. Plain light ×6.2.

Plate XIVb. Hand specimen of syntectonic hornblende quartz diorite of San Cristoval batholith. foliation at a minimum. Locality, upper Victoria Lake. Scale in millimetres. ×1.5.
Plate XVa. Hand specimen of post-tectonic porphyritic granite of Pocket batholith from Berrv Inlet. Scale in millimetres, ×1.3.

Plate XVb. Hand specimen of post-tectonic fine quartz monzonite of East Kano batholith from Shields Bay. Scale in millimetres, ×1.2.
Plate XVIa. Negative projection of a thin-section of Kunga argillite showing the three types of laminae—graded lithic siltstone, laminated carbonaceous calcareous shale, and carbonaceous argillite. The numerous microspherules in the centre lamina do not show well. Grinding scratches and bubbles in cement show in lower lamina. Locality, Kennecott Point. Plain light, x 9.5.

Plate XVIIb. Negative projection of a thin-section of Longarm calcareous siltstone showing heterogeneous agglomeration of siltstone clasts of slightly varying nature. Locality, Rockrun Creek. Plain light, x 9.5.
Plate XVIIa. Tasu before development (1963). Horn Island, foreground; Gowing Island and Fairfax Inlet beyond.

Plate XVIIb. Drill on Jib Group, Bluejay Cove, Burnaby Island, looking toward Jedway.

Plate XVIIIb. Jesse open pit at Jedway (1964), looking west to Skincuttle Inlet.