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NTS MAP 92 C/NE AND PARTS OF C/NW AND C/SE

FIRST STATUS EDITION — December 1985

QUATERNARY

Q — Unconsolidated sediments

TERTIARY

EOCENE AND OLIGOCENE

CARMANAH GROUP

Ts — SOOKE FORMATION: sandstone, shale, conglomerate

Tm — HESQUIAT FORMATION: siltstone, shale, sandstone, conglomerate

EOCENE (AND OLDER?)

Tg — CATFACE INTRUSIONS: quartz diorite, agmatite

Tm, Tmv — METCHOSIN VOLCANICS, : basaltic lava, pillow basalt, breccia, tuff, : schistose metavolcanic rock

Tgb — SOOKE GABBRO: gabbro, minor quartz diorite

CRETACEOUS

UPPER CRETACEOUS

NANAIMO GROUP

Kn — HASLAM FORMATION: shale, siltstone; minor sandstone

Kc — COMOX FORMATION: sandstone, conglomerate; minor siltstone, shale

TRIASSIC TO CRETACEOUS

LEECH RIVER FORMATION

Mls — METAGREYWACKE-SCHIST UNIT: metagreywacke, meta-arkose, quartz-feldspar-(garnet-) biotite schist

Mlg — ARGILLITE-METAGREYWACKE UNIT: thinly bedded greywacke and argillite, slate, phyllite, quartz-biotite schist

Mlv — CHERT-ARGILLITE-VOLCANIC UNIT: ribbon chert, cherty argillite, metarhyolite, metabasalt, chlorite schist

PACIFIC RIM COMPLEX

Mpg — ARGILLITE-METASILTSTONE UNIT: metasiltstone, argillite, minor conglomerate

Mpv — CHERT-ARGILLITE-VOLCANIC UNIT: ribbon chert, cherty argillite, basaltic lava tuff, volcanic breccia, chlorite schist

JURASSIC

LOWER JURASSIC

BONANZA GROUP

Jvs — basaltic to rhyolitic tuff, breccia, flows, sills and dykes, minor argillite, greywacke

LOWER TO MIDDLE JURASSIC

ISLAND INTRUSIONS

Jg — granodiorite, quartz diorite

UPPER PALEOZOIC AND ? OR TRIASSIC AND JURASSIC

PMd — WESTCOAST COMPLEX: quartz diorite, diorite, tonalite, amphibolite, agmatite; minor metavolcanic and metasedimentary rocks

ls — recrystallised limestone, skarn

TRIASSIC

(MIDDLE? AND UPPER TRIASSIC)

VANCOUVER GROUP

Ts — QUATSINO FORMATION (includes PARSON BAY FORMATION): limestone; minor calcareous siltstone, shale, cherty limestone, chert

Tk — KARMUTSEN FORMATION: pillow basalt, breccia,tuff, minor flows

PALEOZOIC

SICKER GROUP (Pn - Pb)

PENNSYLVANIAN AND PERMIAN

Pb — BUTTLE LAKE FORMATION: limestone, greywacke, argillite, chert

PENNSYLVANIAN AND MISSISSIPPIAN

Pss — SEDIMENT-SILL UNIT: argillite, greywacke, chert, diabase sills

LOWER DEVONIAN AND OLDER

Pm — MYRA FORMATION: well-bedded siliceic tuff and breccia, argillite, rhyodacite in flows and sills, minor basic tuff, quartz-sericite schist, phyllite, massive sulphides

Px — NITINAT FORMATION: pillow lava and breccia of augite (uralite) porphyry, basic tuff; chlorite-actinolite schist

Geological boundary, approximate.....

Fault, approximate.....

Anticlinal axis.....

Synclinal axis.....

bedding, inclined, vertical, overturned.....

Foliation.....

Foliation, with plunge of lineation.....

Gneissosity.....

Elevations and contours in metres

Geology by J.E. Muller, 1973-1981

GEOLOGICAL SURVEY OF CANADA

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GEOLOGY OF NITINAT LAKE MAP AREA

BRITISH COLUMBIA

Scale 1:125 000

(1 Centimetre = 1.25 Kilometres)

1 Inch = 2 Miles approximately

Magnetic Declination approximately 22°30' East at centre of map, 1975
Decreasing approximately 3' annually

Universal Transverse Mercator Projection

Maps and indexes with grid ties may be obtained from
the Surveys and Mapping Branch, Department of Lands
Forests, Parliament Buildings, Victoria, B.C.

CONTOURS IN FEET AND METRES. DATUM IS MEAN SEA LEVEL

NITINAT LAKE, B.C.
MAP 92 C/NE
AND PARTS OF C/NW AND C/SE
FIRST STATUS EDITION

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