104M

UTM ZONE 08
NAD27 DATUM
1:500000

104M BEDROCK GEOLOGY
(modified from Mihalynuk and Smith, 1993)

QUATERNARY DEPOSITS

Qal	Extensive areas of unconsolidated glacial till and poorly sorted alluvium.

INTRUSIVE ROCKS

eTg, eTgd	Coast plutonic complex, dominantly granodiorite and other undifferentiated granitoids.
KTg	Late Cretaceous to Eocene granitoid rocks of the Coast Mountains, undifferentiated.
lKg, lKgd	Late Cretaceous undifferentiated granitoid rocks; granodiorite. Mainly associated with the Coast plutonic complex.
Kg, Kqm	Undifferentiated Cretaceous granitoid rocks. In part equivalent to lKg.
eKg, eKt	Early Cretaceous undifferentiated granitoid rocks; tonalite.
mlJg	Middle or late Jurassic granotoids.
eJgd, eJh	Hale Mountain granodiorite and related(?) hornblendite (184-187 Ma).
lTgd, lTg lThg	Granodiorite, minor leucogranite, quartz diorite, and gabbro of late Triassic age. May be altered or slightly deformed. Includes the Bennett pluton.
PTgd	Permo-Triassic(?) intrusive rocks of unknown affinity.

LATE MESOZOIC/TERTIARY EXTRUSIVE ASSEMBLAGES

Es	Skukum volcanic suite; mainly intra-caldera facies dominate by intermediate to felsic tuffs and flows of Eocene age.
eEs	Sloko Group, undivided, aerially extensive rhyolite to andesite breccia and tuff of Early Eocene age.
Pt	Tagish volcanic suite; dominantly intra-caldera megabreccia and intermediate to felsic tuffs and flows of Paleocene age.
Km	Montana Mountain suite. Mainly intermediate to felsic tuffs and flows.
lKtv	Windy-Table volcanic suite. Quartz-phyric ash flows and intermediate breccia and tuff.
lmJv	Tutshi volcanic suite. Basalt to dacite flows and tuff of interpreted lower to middle Jurassic age.
lJL	Laberge Group undifferentiated. Includes siltstone, arenaceous greywacke, argillite, and conglomerate of Early Jurassic age.
lJLg	Laberge Group; mainly medium to coarse, quartz-bearing wacke.
lJLa	Laberge Group; mainly argillite with subordinate siltstone and wacke.

OLDER VOLCANIC ASSEMBLAGES, SEDIMENTARY, AND METAMORPHIC ROCKS

STIKINE(?) TERRANE

uTs	Stuhini Group, undifferentiated. Includes feldspar-phyric and pyroxene-phyric flows, tuff, tuffite, and breccia; conglomerate, limestone, argillite.
uTss	Stuhini Group; dominated by volcanic derived sediments of coarse conglomerate to silty argillite composition.
uTsv	Stuhini Group; dominated by bladed plagioclase and pyroxene-phyric flows rocks (lower) or intermediate tuffs (higher in section).
PPmb	Boundary Ranges metamorphic suite, undifferentiated: Metamorphosed siltstone, greywacke, tuff, greenstone, and limestone metamorphosed to transitional greenschist-amphibolite facies, regionally retrograded. Current data permits a Permian to Devonian age.

CACHE CREEK TERRANE

MTc	Undifferentiated Cache Creek Complex. Sheared melange consisting of pods of ultramafic rocks, greenstone, marble, chert, and clastics in a sheared matrix of greywacke and argillite. Mississippian to Late Triassic age.
MTCs	Mainly pelagic and hemipelagic sediments
MTCl	Mainly limestone
MTCb	pillow basalt, gabbro and minor ultramafic tectonite.
TP	Undivided Peninsula Mountain volcano-sedimentary suite. Includes basaltic to rhyolitic tuff, breccia and tuff of Middle to Late Triassic age.

NISLING TERRANE?

PPgn	Florence Range Metamorphic Suite. Includes semipelitic, pelitic, carbonate, amphibolite and calcsilicate schist and gneiss. Paleozoic and Late Proterozoic protoliths are most likely.
PMgn	Gneiss and schist; age and affinity uncertain, but possibly Mezozoic or older.

104M - SKAGWAY
BC RGS 37

BEDROCK GEOLOGY MAP
CLEAR OVERLAY

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