

Table 1. LEGEND (for fig. 2 to 8, fig. 13)

Map Unit

10 GARIBALDI GROUP (Pleistocene, Recent)

960 a lamprophyre dike

9 SQUAMISH INTRUSIONS (Cretaceous), massive

929 a granodiorite: c.gr.; (94 m.y.-K/A method)
939 b leucogranodiorite: f.gr.; quartz, plagioclase phenocrysts; cuts 9a

921 c quartz diorite, diorite: f. to m.gr.; may be part of Unit 8
d quartz-feldspar porphyry dike: cuts Units 1 to 6

8 MINOR PLUTONS (Lower Cretaceous?), massive, ages with respect to other plutonic rocks unknown

929 a quartz diorite: m. to f. gr.
925 b diorite: f. gr.
926 c leucogranodiorite: v.f.gr.; SUGARY
Ref: aphanitic border phase similar to 6u
925 d andesite dike: cuts Units 1 to 6

7 FURRY PLUTON (Lower Cretaceous?), generally foliated

930 a quartz diorite: m. to c. gr.
b granodiorite: m. to c. gr.
929 c leucogranodiorite: f. to m. gr.; quartz phenocrysts common, most flattened; may be foliated equivalent of Unit 9b

INTRUSIVE CONTACTS

BRITANNIA GROUP (Units 1 to 6) (Jurassic-Cretaceous?)

6 DACITE (intrusive, extrusive)
6a ANDESITIC DACITE (intrusive, extrusive, gradational to Unit 6)

917 a "mine" dike: f. to m. gr.; green; vitreous lustre; plagioclase phenocrysts common
915 b quartz-feldspar porphyry: prominent flow bands; aphanitic to vitrophyric green to black matrix; wispy argillite inclusions; in part similar to Unit 5m, in part to Unit 9d
939 c flow or dome: white; aphanitic matrix; few plagioclase phenocrysts; strongly fractured; pyritic; gradational to Unit 6d
918. - d flow or dome: grey to blue-green; aphanitic matrix; few plagioclase phenocrysts; locally abundant pyrite
916 e sill, dike: dark green to black; variable from aphanitic, non-porphyrific at top to plagioclase porphyry at base
916 f plug: blue-grey; aphanitic matrix; few plagioclase phenocrysts; in part flow banded; in part brecciated with carbonate matrix; abundant pyrrhotite
918 g plug, dike: c.gr. green matrix; plagioclase phenocrysts abundant, altered to epidote; cuts Units 6a and 6d
915 j plug, dome: green; felty to microlitic matrix; plagioclase phenocrysts common
917 u undivided: f. gr. to aphanitic; few plagioclase phenocrysts

5* DACITE (pyroclastic, extrusive)
53 ANDESITIC DACITE (pyroclastic, extrusive, gradational to Unit 5)

945 a Bluff fm.: coarse tuff; few plagioclase phenocrysts; large lithic fragments restricted to local layers
910 b Jewett fm.: coarse tuff; plagioclase phenocrysts and large lithic fragments abundant; some crystal tuff interlayers and argillite inclusions; younger than Unit 5a
946 c crystal tuff
904 f undivided pyroclastic rocks
943 m flow: flow banded; commonly porphyritic; some layers have abundant large dacitic fragments; fine grained variety resembles Unit 6d
945 c

* SUFFIXES for UNITS 5, 53, 3, 35, and 2

c coarse grained p plagioclase phenocrysts very abundant
m medium grained q quartz phenocrysts common
f fine grained x brecciated (also for Units 6,4)
mc medium to coarse, etc. h hornfelsic (also for Units 6,4)
L coarse fragments abundant s sericite schist (origin commonly uncertain)

4 ANDESITE (intrusive)
46 DACITIC ANDESITE (intrusive, gradational to Unit 4)

932 a plug, irregular intrusion
937 b dike

3 ANDESITE (pyroclastic, extrusive)
35 DACITIC ANDESITE (pyroclastic, extrusive, gradational to Unit 3)

908 f undivided pyroclastic rocks
912 m flow
909 c

2 VOLCANOGENIC SEDIMENTARY ROCKS (fine grained)

931 f a andesitic: well bedded; sedimentary structures common; coarser varieties denoted by suffixes m and c
m,c
905 ab andesitic to dacitic (andesitic predominant)
b dacitic: beds generally indistinct
bn dacitic to andesitic (dacitic predominant)
902 d cherty andesitic sedimentary rocks, bedded chert

1 SEDIMENTARY ROCKS

949 a argillite
901 b siltstone
938 bl siltstone and argillite with abundant fragments of aphanitic dacite
d greywacke, arkose (in eastern part of Britannia pendant)
904 e limestone, calcareous sedimentary rocks; minor in eastern part of Britannia pendant and in other pendants to the north

PROPERTY FILE

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