



Figure 2.2 Geology of the central part of the Callaghan Creek pendant. This map is a reduced version of Map 1, contained in pocket. "a" marks Alexander Falls.

TABLE 2.8

## SUMMARY OF LITHOLOGIES

Era	Period or Epoch	Formation and Thickness	Unit	Lithology
Cenozoic	Pleistocene and Recent	Garibaldi Group 700 m.	7a	Olivine basalt
		Contact relations not known		
	Tertiary to Pleistocene	Possibly in part Garibaldi Group	7b, 7c, and 7d	Equigranular and porphyritic rhyodacite, epiclastic breccia
Mesozoic		Unconformably overlies and intrudes pendant and plutonic rocks		
			6a, 6b, and 6c	Quartz diorite with minor diorite, hornblende diorite with minor hornblende quartz diorite, granodiorite
		Unconformable (?); fault, intrusive		
		Gambier Group 2000+ m.	5, 5a, 5b, and 5c	Andesitic agglomerate, epiclastic breccia, arkosic wacke and mudstone, andesitic crystal tuff
		Conformably overlies		
		Gambier Group	4, 4a, 4b, and 4c	Dacitic agglomerate, siltstone and arkosic wacke
	Upper Jurassic to Cretaceous	Intercalated and conformably overlying		
		Gambier Group	3	Andesitic crystal tuff
		Conformably overlying		
		Gambier Group	2	Andesitic agglomerate
	Contact relations not known			
	Gambier Group	1 and 1a	Greenstone, minor limestone and chert	