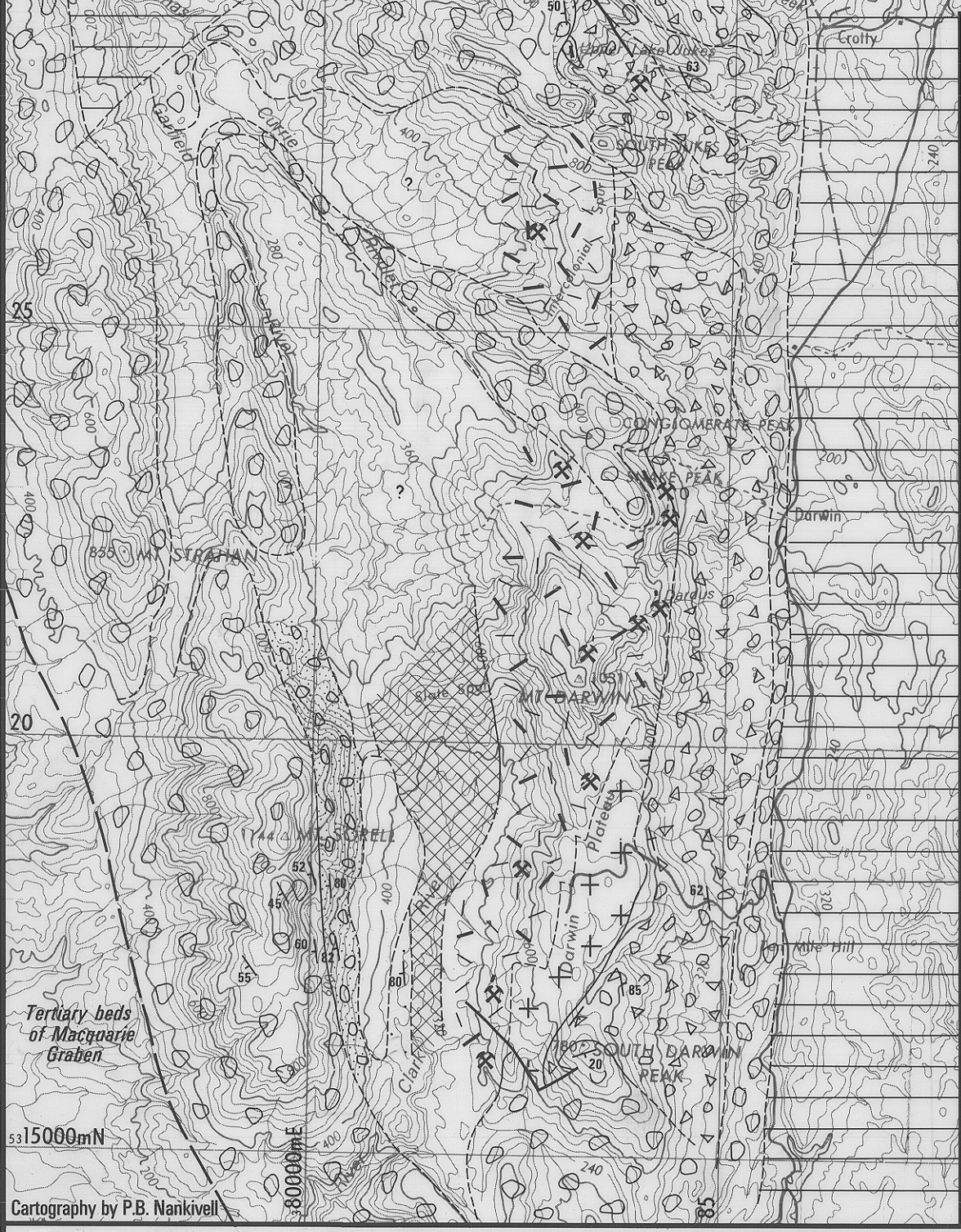


Area of outcrop of Mt. Read Volcanics.  
 Area mapped at 1:15840.  
 Area of reconnaissance mapping.

RELIABILITY DIAGRAM

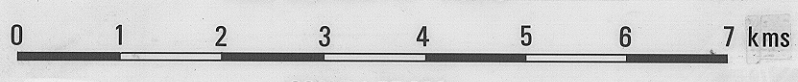


LEGEND	
<b>CAINOZOIC</b>	Undifferentiated – mostly Pleistocene moraine.
<b>ORDOVICIAN-SILURIAN-DEVONIAN</b>	Undifferentiated Ordovician limestone and Siluro-Devonian sedimentary rocks.
<b>LATE CAMBRIAN-EARLY ORDOVICIAN</b>	Owen Conglomerate, with Pioneer Beds correlate indicated in Queenstown area.
<b>MT. READ VOLCANICS AND ASSOCIATED ROCKS</b>	
Eastern Sequence and Correlates	
	Volcaniclastic conglomerate and sandstone.
	Comstock Tuff.
	Quartz – phytic volcanic rocks.
	Mixed or undifferentiated sequences.
Central Sequence	
	Ash flows, agglomerates, tuffs, lavas.
	Major feldspar porphyry bodies.
	Undifferentiated feldspar – phytic volcanics and intrusives.
	Andesite intrusives.
	Basic – intermediate pyroclastics and lavas.
	Granite
Western Sequence and Correlates.	
	Dominantly sedimentary sequence, with Miners Ridge Sandstone indicated (dense stipple).
	Mainly tuffs or interbedded tuffs and sedimentary rocks.
	Dominantly quartz – feldspar porphyry – intrusive and extrusive.
	Basic – intermediate volcanics.
<b>CAMBRIAN</b>	
<b>PRECAMBRIAN</b>	Undifferentiated quartz schist quartzite phyllite etc. of Tyennan region.
	Geological boundary – accurate, approximate, inferred.
	Fault.
	Representative bedding readings.
	Prospect.

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**THE MOUNT READ VOLCANICS AND ASSOCIATED ROCKS  
 IN THE DARWIN-LYELL-SEDGWICK AREA**

K.D. CORBETT. 1979



SCALE 1:75,000

Cartography by P.B. Nankivell