



Preliminary Geologic Map of Santa Catalina Island

Qd	QUATERNARY beach sand deposits
Qa	QUATERNARY Alluvium
Ql	QUATERNARY Landslide deposits
Qm	QUATERNARY Wave-cut beach deposits, marine
St	MIOCENE Sand and small igneous intrusions, fine grained basalt to rhyolite in composition
Tm	MIOCENE Sandstone, argillite, siltstone
Tn	MIOCENE Metasedimentary rocks
Tc	MIOCENE Breccia, dikeite concretion, forms cap to intrusive body at Big Pinnacles Cove
Tg	MIOCENE Intrusive rocks, fine grained, dikeite concretion, form dikes, plugs, and stocks
Tb	MIOCENE Massive andesite, flows and breccia, includes rhyolite near Mount Banner
Tp	MIOCENE Catalina Island rhyolite, quartz diorite in composition, includes the swarm in interior of body
Ts	MIOCENE San Diego Breccia
Tl	LATE CENozoIC TO OLIgocene fine grained sedimentary rocks, marine and
Ca	PLIOcENE Catalina Schist, serpentinite
Ca _g	MIOCENE Catalina Schist, garnet amphibole blocks
Ca _g	MIOCENE Catalina Schist, amphibole blocks, includes stocks and garnet schist
Ca _g	MIOCENE Catalina Schist, greenish black, includes talc and garnet schist
Ca _g	MIOCENE Catalina Schist, blackish blue, includes talc, amphibole, and garnet schist

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General Geology Mapped by
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Schist Foliation in Central Pinnacles Area
Part (Fig. 2, 1975)

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