

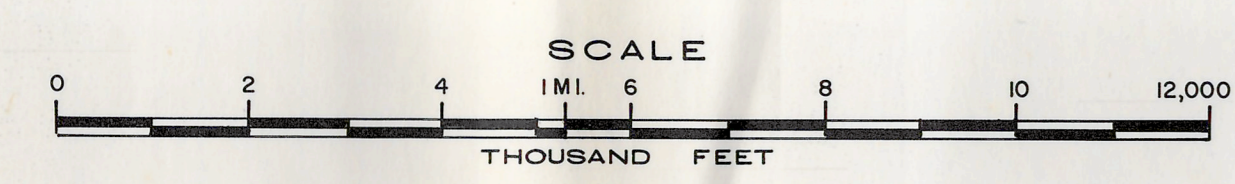
GEOLOGY OF SANTA ROSA ISLAND

BY HOWARD SONNEMAN AS MODIFIED AND EXTENDED BY D. WEAVER, D. DOERNER, F. AVILA AND OTHER ANONYMOUS AUTHORS
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QUATERNARY	RECENT	Qal	Alluvium, Landslide
	PLEISTOCENE	Qtg	Terrace sands and gravels
MIOCENE		bc Tm-sh bs bt	Monterey Formation Shale Member: Siliceous and organic shales, foraminiferal Bechers Bay Member: portions undifferentiated bc-black volcanic conglomerate and tuffaceous sandstones bs- rhythmically bedded sandstones and shales bt-tuffs and tuffaceous sandstones
		u Tr-m l	Rincon Shale Upper Member: brown shales, foraminiferal Middle Member: blue-gray shales, foraminiferal Lower Member: brown and green mudstones and siltstones, mollusks and siltstones, mollusks Portions undifferentiated
TERTIARY	OLIGOCENE	u Tv-sh l	Voqueiros Sandstone Upper Member: fine to medium grained sandstone and siltstone Shale Member: Rincon like brown shales and siltstones, mollusks Lower Member: coarse grained sandstones and conglomerates Portions undifferentiated; mollusks.
		Ts	Sage Formation Buff, green, and red sandstones and conglomerates
Eocene		Tcd	Cozy Dell Blue-gray shale and siltstones, foraminiferal
		Tsp	South Point Sandstone Gray sandstone with interbedded shale, foraminiferal

LEGEND

- Landslide or otherwise "Noted" Qis
- Formation and Member contact, dashed where inferred or concealed
- Fault showing dip and relative movement
Dashed where inferred or concealed
- Anticline showing plunge, dashed where inferred or concealed
- Syncline showing plunge, dashed where inferred or concealed
- Strike and dip of beds
- T. Inezana bed
- 64-3 Megafossil locality
- 67-8 Microfossil locality
- Abandoned oil well or core hole



DRAFTING BY J.S. MANLAPIS

