AGE	FORMATION	SYMBOL & THICKNESS
Recent	Sand and alluvium	Qs & Qal
	Terrace deposits	Qt <30'
Pleist.	Cabezon Fanglomerate and/or Ocotillo Conglomerate: Sandy, ill-sorted debris: ss = resistant sandstone.	Qc >1500' Qo >2400' ss
Middle & Upper Pliocene	Painted Hill Formation and/or Canebrake Conglomerate: Coarse, bouldery debris; b = basalt flow cg= resistant conglomerate bed	Tph >3400' b cg
	Palm Spring Formation: Equus cf. (Plesippus) & brackish water fossils found near top of beds.	Tc >2000' Tps
Lower Pliocene	Imperial Formation: Near shore marine, fossiliferous sandy siltstone; 2 foot thick tuff bed on Garnet Hill.	Ti Painted Hill 0-100' Ti Garnet Hill >70' Ti Indio Hills 0-1660'
Upper Miocene	Coachella Fanglomerate: Red-brown well indurated conglomerate and sandstone; Tcb = olivine basalt flows.	Tc >4600'
	Mecca Formation Split Mountain Formation (Not exposed on surface)	Ts Tcb 300'
Cretac.	Cactus Granite and quartz monzonite diorite porphyry	c qm di
	contact not exposed	
Late Paleozoic	Metamorphic Rocks of the San Jacinto Mountains: Quartzite-mica-schists, recrystallized limestone and gneisses.	ls m >10,000'
	contact not exposed	
pre-€(?)	San Gorgonio Complex (Chuckwalla Complex): Amphibolite and migmatitic paragneisses.	sg >20,000'

REF. MODIFIED AFTER PROCTOR, 1968

FIGURE - 1

COLUMNAR SECTION FOR THE INDIO AND MECCA HILLS