

GEOLOGICAL MAP

SCALE 1:100,000

20 MAG. 1977

2031

Posiz.

- RAGUSA-SIRACUSE ZONES AND CATANIA PLAIN : (SOUTH-EAST SICILY PLATFORM) Posiz.**
- RECENT : Alluvium, eluvial
 - LOWER QUATERNARY (SICILIAN-CALABRIAN): Organogenous-detrital limestone, calcarenite, calcareous conglomerates; sandy fossiliferous shales; plastic clay. Unconformity
 - MIDDLE-LOWER PLEISTOCENE : Shale and sandy fossiliferous shale; white calcareous marls (frubi), chalky whitish limestone; basol conglomerate. Unconformity
 - UPPER MIOCENE (MESSINIAN) : gypsum, brecciated limestone, calcareous rudites, white evaporitic limestone (Minea zone)
 - MIDDLE MIOCENE (TORTONIAN) : yellowish to whitish calcarenites, interbedded with compact limestone (Noto-Palozzolo area); white organogenous calcarenites, medium to coarse grained calcarenites; heterostegina limestone; biosporrinites and biosporrites; coquina limst. (Syracuse area)
 - MIDDLE-LOWER MIOCENE (HELVETIAN-LANGHIAN) : Telleria member : grey-green soft marls, sandy marls to grey marly limestone of the base
 - LOWER MIOCENE-OLIGOCENE (AQUITANIAN-OLIGOCENE p.p.) : pale yellow, fine to medium coarse grained calcarenites, soft to medium hard calcarenites (Irrimino member, Ragusa area)
 - LOWER OLIGOCENE-MIDDLE-UPPER EOCENE : greyish, detrital medium hard to soft limestones with traces of chert (S. Leonardo member, Ragusa area) : Unconformity
 - LOWER EOCENE-MIDDLE-UPPER CRETACEOUS (Ameritino member, Ragusa area) : slightly marly, whitish, hard limestone with chert
 - AQUITANIAN-OLIGOCENE S.L. (Mastringano member, Syracuse area) : coarse organogenous whitish calcarenites; whitish calcarenites with Micogypina & Orbitoides; calcarenites with Nummulites fichtely
 - UPPER & MIDDLE EOCENE (Priolo member, Syracuse area) : detrital-organogenous limestones with Nummulites and Alveolina oblonga. Unconformity
 - PALEOCENE-UPPER CRETACEOUS (Syracuse area) : compact white organogenous limestone, detrital organogenous limestone with Rudisto, reefoid limestones; granular limestones with interbedded marls with Giabstruncoc
 - Upper Cretaceous basalt and tuff, coarse basaltic breccia
- VOLCANICS**
- Middle Miocene to Pliocene basalts, basaltic breccia with calcareous cement/tuff (blean basalts)
 - Upper Quaternary-recent basalts and lavas (Etna)
- CENTRAL SICILY PROVINCE :**
- Centuripe-Caltagirone Miocene-Pliocene outcrops : Miocene olistostrome (alloctonous), middle Miocene (Tortonian) shales, sands and conglomerates, brecciated shales; Upper Miocene (Messinian) diatomites, evaporitic limst., gypsum; Pliocene-Pleistocene marls, shales sands & calcaren

- Dip and strike
- Faults
- Trace of cross-section
- Permit boundary
- Dry well
- Gas show
- Gas well
- Oil (bituminous) show
- Oil field

Attached to: PETROLEUM EVALUATION OF SEAGULL CONCESSION d159 CR-SE

