



GEOMAP for MINERARIA TEXAS ITALIANA

Stratigraphic Section: N°2 "MASSERIA DEL BONO,"

General Location: F°164 Foggia IV NE

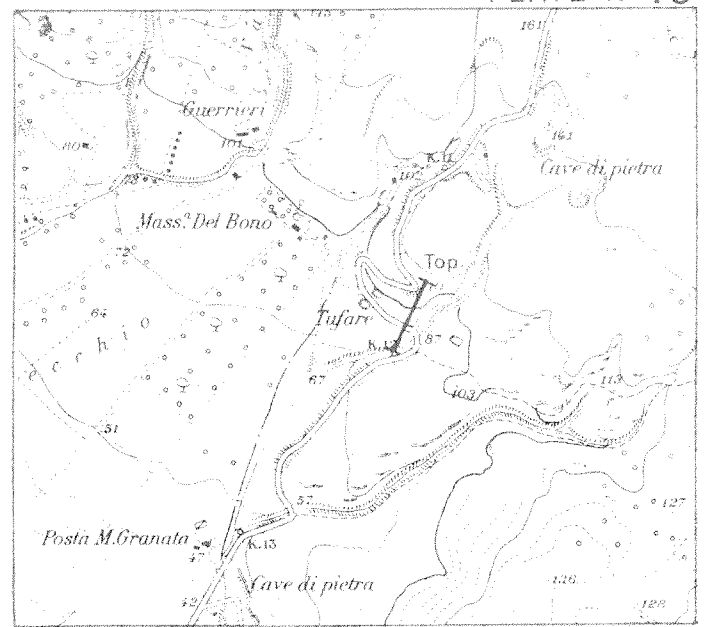
Measured by: Alessandro ERCOLI - Mario BELLINI

Date: 19-7-1973

Method Measured: Jacob Staff and Brunton Compass

Scale: 1:100

Total Thickness: m. 22,60



Location Scale: 1:25000

Age	FM.	Sample N°	Meters	Lithology	Thick-ness	Lithologic Description	Shows	Biostratigraphy			
MIOCENE (Prob. Middle)	"Calcarei a Briozoi," = "Tufo calcareo," = "Pietra leccese,"	21 AE	22,60		10,20	21 AE - 14 AE. Skeletal-detrital limestone, medium grain w/ scattered calcareous intraclasts, friable & chalky, w/ irregular fracturing, high intergranular & vugular porosity, white-yellow when fresh, light to medium grey by superficial alteration, bedding 50 cm. In correspondence of samples 20, 19, 16, 15, 14 AE, fine calcareous-skeletal breccia, well to medium cemented, moderately hard to very hard, low vugular porosity. The skeletal elements are sub-angular to sub-rounded or rounded, the calcareous elements are sub-rounded to rounded. Dolomitic elements generally well rounded are also present. Yellow-rose when fresh, medium grey by superficial alteration, bedding 20 - 50 cm. The recurrence of the breccia is due to the erosion of Miocene over the underlying Cretaceous, which brings in outcrop the upper part of the transgression surface. The true stratigraphic position of the breccia corresponds only to the sample 14 AE.		Bryozoa, Pelecypoda (<i>Pectunculus?</i> , <i>Cardium</i> , <i>Pecten</i> , <i>Ostrea</i>), Gastropoda, Algae.			
		20 AE	19,10								
		19 AE	15,60								
		18 AE	12,40								
		17 AE	7,00								
		16 AE	4,00								
		15 AE	2,20								
		14 AE	1,00								
		13 AE	0,00						1,00	13 AE. Micritic limestone, fine grain, very hard, w/ splintery fracturing, primary porosity absent, buff when fresh, grey to pale yellow brown by superficial alteration, w/ secondary calcite & scattered traces of Fe oxides, well bedded in layers 10 - 20 cm, w/ fractures clearly recemented.	
		CRETACEOUS	"Calcarei di Mass. Quadrone,"								