

Stratigraphic. Section: N. 2 CASTEL MANFRINO

General Location: F. 133 III SE

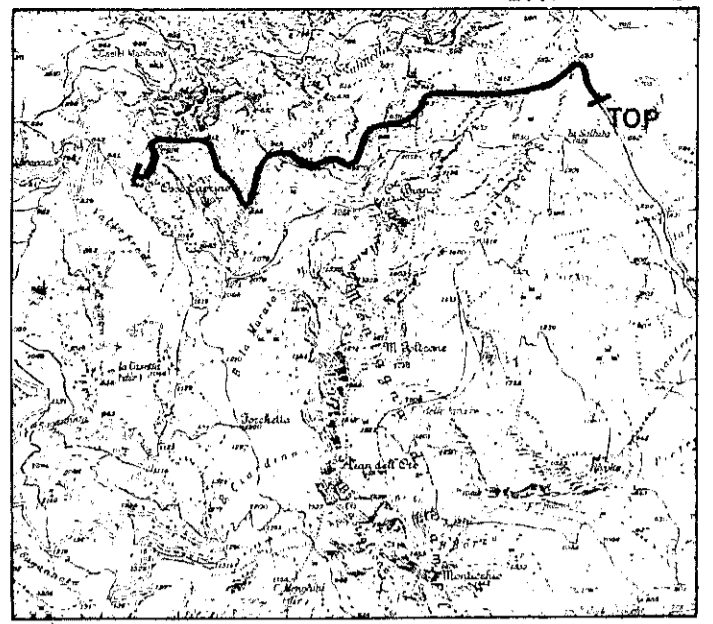
Measured by: P. FACIBENI - R. CAPACCIOLI

Date: APRIL 1977

Method Measured: Jacob Staff and Brunton Compass

Scale: 1:5.000

Total Thickness: m.1627



Location Scale: 1:50000

Age	FM.	Sample N°	Meters	Lithology	Thickness	Lithologic Description	Shows	Biostratigraphy
UPPER CRETACEOUS Eocene	SCAGLIA ROSATA		100-	[Lithology symbols]	126	Micritic limestone, microcrystalline, argillaceous in the upper part, white, buff or light brown, alternating in the central part with detrital skeletal limestone, cream to yellow-gray, with oolites; bedding 10-40 cm.		
				[Lithology symbols]	42	Covered.		
			200-	[Lithology symbols]	30	Micritic limestone, very light gray, alternating with micritic limestone, pink or wine red; bedding 5-30 cm.		
				[Lithology symbols]	165	Micritic limestone as above, alternating with micritic argillaceous limestone, light gray to white, grading into silty micritic mudstone at the top of beds (1-2 cm.).		
			300-	[Lithology symbols]				
LOWER CRETACEOUS Maastrichtian	MAIOLICA		400-	[Lithology symbols]	45	Covered.		
				[Lithology symbols]	19	Micritic mudstone, gray to olive gray, laminated, interbedded with micritic limestone, same color; bedding 10-30 cm.		
				[Lithology symbols]	20	Covered.		
				[Lithology symbols]	12	Detrital limestone, coarse grain, buff to cream, with skeletal fragments and oolites; bedding 20-40 cm.		
			500-	[Lithology symbols]				
MIDDLE - UPPER JURASSIC	ROSSO AMMONITICO (CALCAREI A POSIDONIA E DETRITICI SCISTI AD ARTICI)		600-	[Lithology symbols]	324	Micritic limestone, slightly microcrystalline, white, with spar veins, nodules and lenses of light grey chert at the bottom; bedding 20-80 cm.		
			700-	[Lithology symbols]				
			800-	[Lithology symbols]	14	Micritic limestone, slightly argillaceous, light gray to tan, with chert, interbedded with thin levels of micritic mudstone, light gray, laminated; bedding 5-15 cm.		
				[Lithology symbols]	24	Covered.		
				[Lithology symbols]	21	Micritic limestone, gray to tan, with rare chert, grading into detrital limestone, same color; bedding 10-20 cm.		
LOWER JURASSIC	CALCARE MASSICCO		900-	[Lithology symbols]	60	Alternating 3 components: micritic limestone locally microcrystalline, light to tan, with spar veins; pellet-oolitic limestone, same color; fine detrital-skeletal limestone, with oolites, and spar veins, with chert levels 10 cm. thick; bedding 30-60 cm. At top, level of breccia, light brown to olive gray.		
				[Lithology symbols]	51	Covered.		
				[Lithology symbols]	37	Micritic mudstone, red brown to medium gray, laminated, with Mn., alternating with micritic limestone light to olive gray, slightly argillaceous, with remnants of mollusca and chert, gray to pink, prevailing at top.		
			1000-	[Lithology symbols]	63	Covered.		
				[Lithology symbols]	30	Micritic limestone; locally microcrystalline light gray to tan, with spar veins, iron oxide and pyritized ammonites visible on surface; bedding 15-30 cm.		
LOWER JURASSIC	CORNIOLO		1100-	[Lithology symbols]	60	Covered.		
				[Lithology symbols]	87	Microcrystalline limestone, tan to green to olive gray, with oolites and skeletal fragments, with nodules and lenses of chert; bedding 15-80 cm.		
			1200-	[Lithology symbols]	52	Dolomitic limestone, coarse grain, light gray to tan, with nodules and lenses of black chert; bedding poorly defined.		
				[Lithology symbols]	36	Covered.		
			1300-	[Lithology symbols]	42	Micritic limestone, locally microcrystalline or fine detrital, with skeletal fragments, slightly dolomitic, light gray to white. Partly covered.		
LOWER JURASSIC	CALCARE MASSICCO		1400-	[Lithology symbols]	57	As above, with increase of the dolomitic component. Few intercalated beds of micritic or detrital limestone.		
				[Lithology symbols]	72	As above, with fossils; bedding 10-50 cm.		
			1500-	[Lithology symbols]	45	Covered.		
				[Lithology symbols]	90	Dolomite, fine grain, locally coarse grain, buff to tan, with nodules and lenses of black chert, very hard, alternating with limestone microcrystalline, slightly dolomitic, medium gray to buff, with oolites; massive, grading into bedded at top (10-80 cm.).		
			1600-	[Lithology symbols]				