

1. **Kafr El Shiekh Fm.** Clay; blackish grey, blocky, including brown sand ferruginous crusts cracked with gypsum veinlets crystals at the upper part..... 10.0

#### 4.2.1.3. Monshaat Kaseb section (fig. 7):

The top of the section lies at altitude about +60 m a.s.l. and covered by Pleistocene sediments with pronounced angular unconformity. The section is composed of about 80 m black clay (pl. 2A), bluish black at the base including gypsum veinlets nearly vertical at the upper part.

Organic life in this formation shows the following microfaunal content; *Bolivina* sp., *Globorotalia (Truncorotalia) crassula* (Late Miocene to Early Pliocene) and *Ammonia* sp.

#### 4.2.1.4. Kafr Hemyied section (fig. 8):

The top of this section lies at altitude +60 m a.s.l. overlain by Kom El Shelul Formation which is represented by 2.5 m thick yellow, hard coquina limestone bed. The section is as follows from top to base:

Top:	Lithological description	Thickness (m)
9.	Clay; blackish grey .....	14.0
8.	Clay; black, including plecypod shells and yellow sandstone veinlets, including; <i>Cibicides</i> sp., <i>Gyroidenoides</i> sp. and <i>Ammonia</i> sp.....	12.0
7.	Sandstone; yellow to yellowish white, including pelecypod casts and shells .....	1.50
6.	Clay; black, including pisolitic and iron nodules and brown iron crust .....	20.0
5.	Gypsum band .....	0.3
4.	Clay; black .....	16.0
3.	Limestone; yellow to yellowish red, sandy with ferruginous crust, rich in gypsum crystals.....	0.70

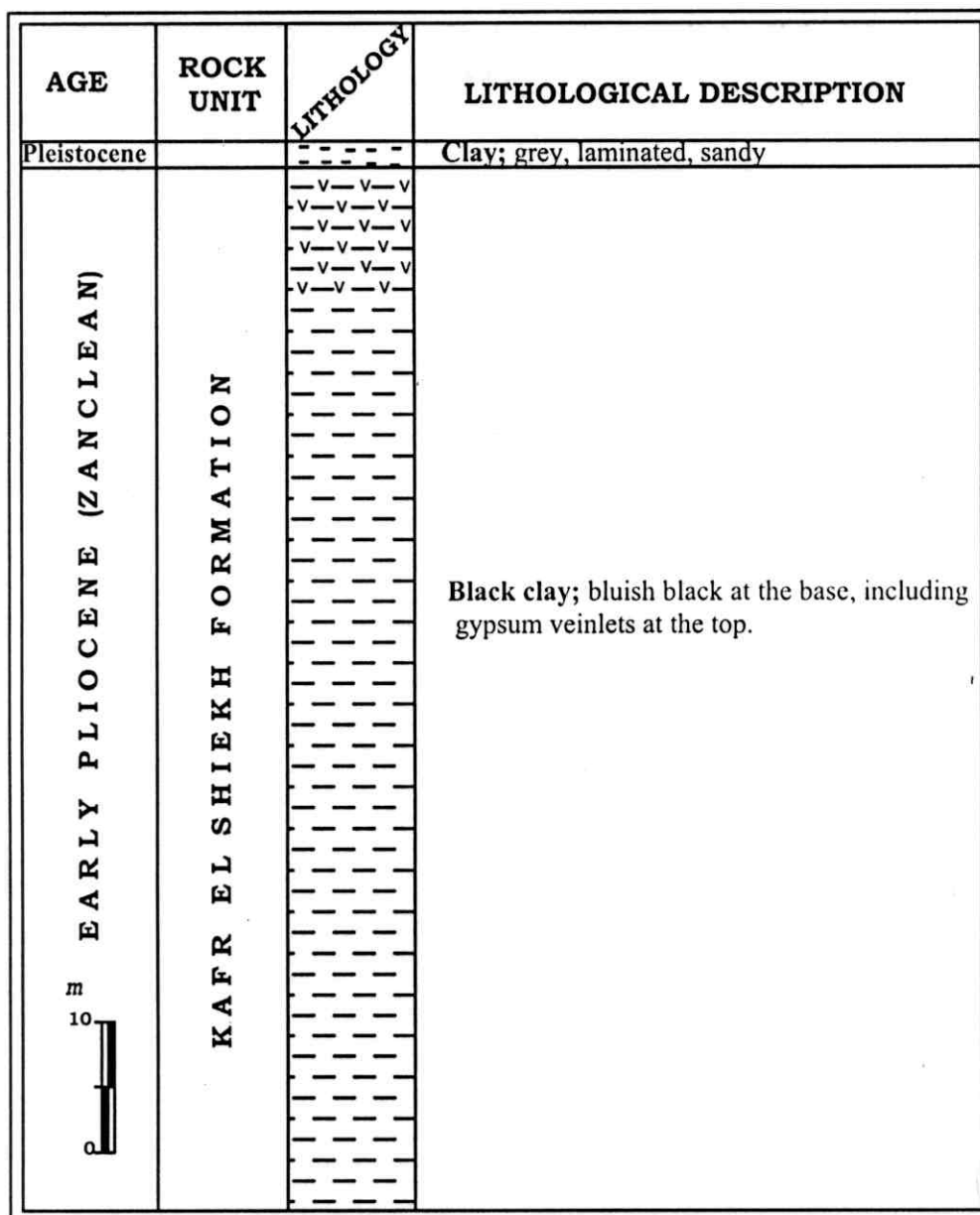


Fig. (7): Lithostratigraphic section measured at Monshaat Kaseb

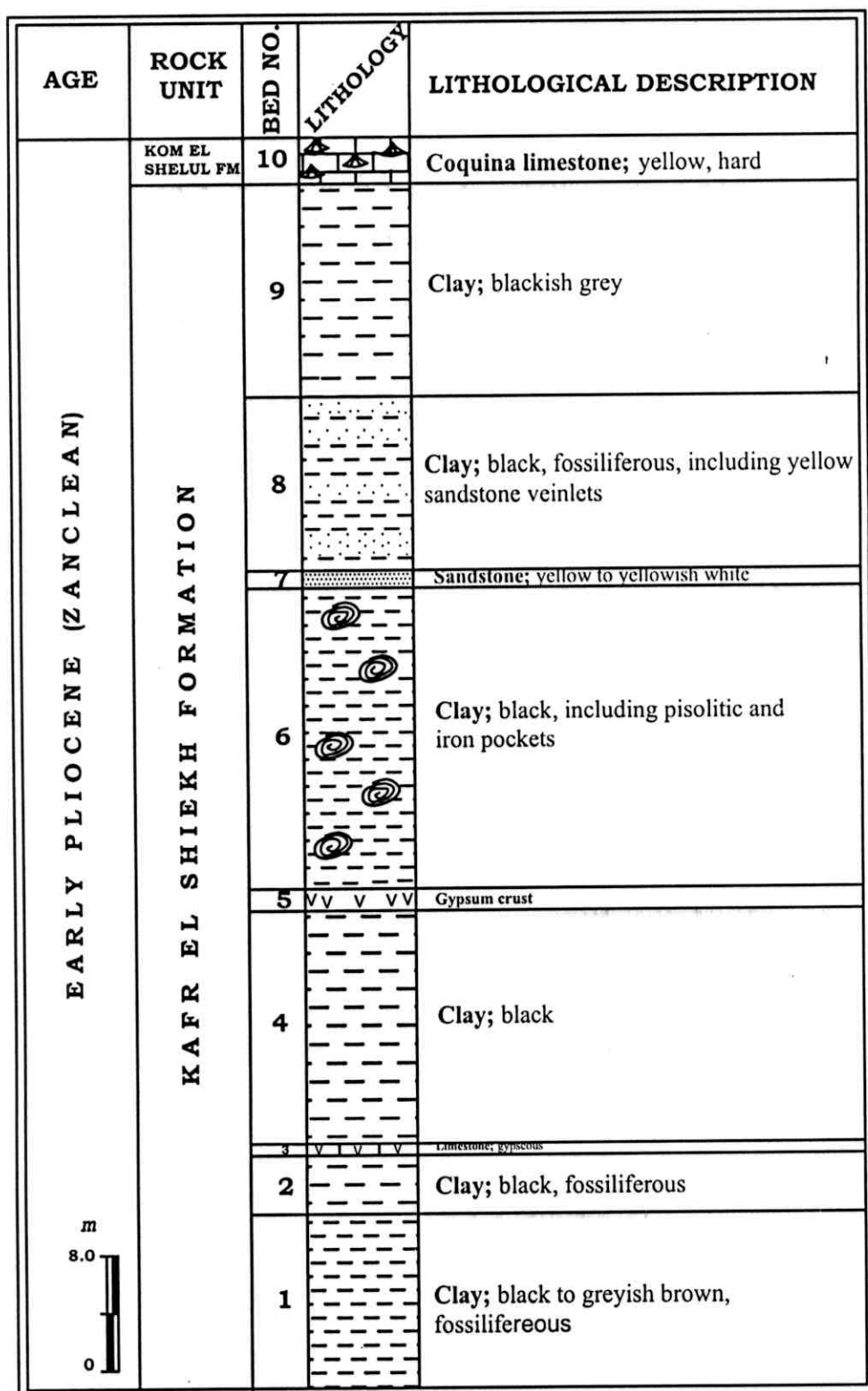


Fig. (8): Lithostratigraphic section measured at Kafr Hemyied

2.	Clay; black including; fossils as pelecypods and echinoids, <i>Elphidium</i> cf. <i>Macellum</i> , <i>Gyroidinoides</i> sp., <i>Cibicidoides</i> cf. <i>Pumiles</i> , <i>Boilivina</i> spp., and small <i>Uvigerina</i> sp.....	4.0
1.	Clay; black to greyish brown, including; <i>Cibicides</i> sp., <i>Boilivina</i> spp., and <i>Uvigerina</i> sp. ...	12.0
Base:	Unexposed.	

#### 4.2.1.5. Tahma section (fig. 9):

The top of the section lies at altitude +45 m a.s.l. The section is cited below from top to base:

Top:	Lithological description	Thickness (m)
9.	Clay; black on fresh surface to blackish grey on weathered surface, rich in ferruginous dark brown sand veinlets .....	8.0
8.	Sand; dark brown, fine-grained, ferruginous .....	2.0
7.	Clay; black on fresh surface, light grey on weathered surface .....	2.0
6.	Sand; greenish grey to faint yellow, very fine-grained .....	2.0
5.	Clay; dark brown, sandy .....	3.0
4.	Sand; yellow, fine-grained, including rare pelecypod shells at the base. The upper contact including black clay pockets .....	1.50
3.	Clay; black, including; <i>Bolivina</i> sp., small globula <i>Bukiminia</i> sp., <i>Gyroidenoides</i> sp. and conical <i>Cibicides</i> sp.....	15.0
2.	Sand; yellow to grey, gypseous, including black clay pockets, ferruginous .....	1.0
1.	Clay; black, massive, .....	12.0
Base:	Unexposed.	

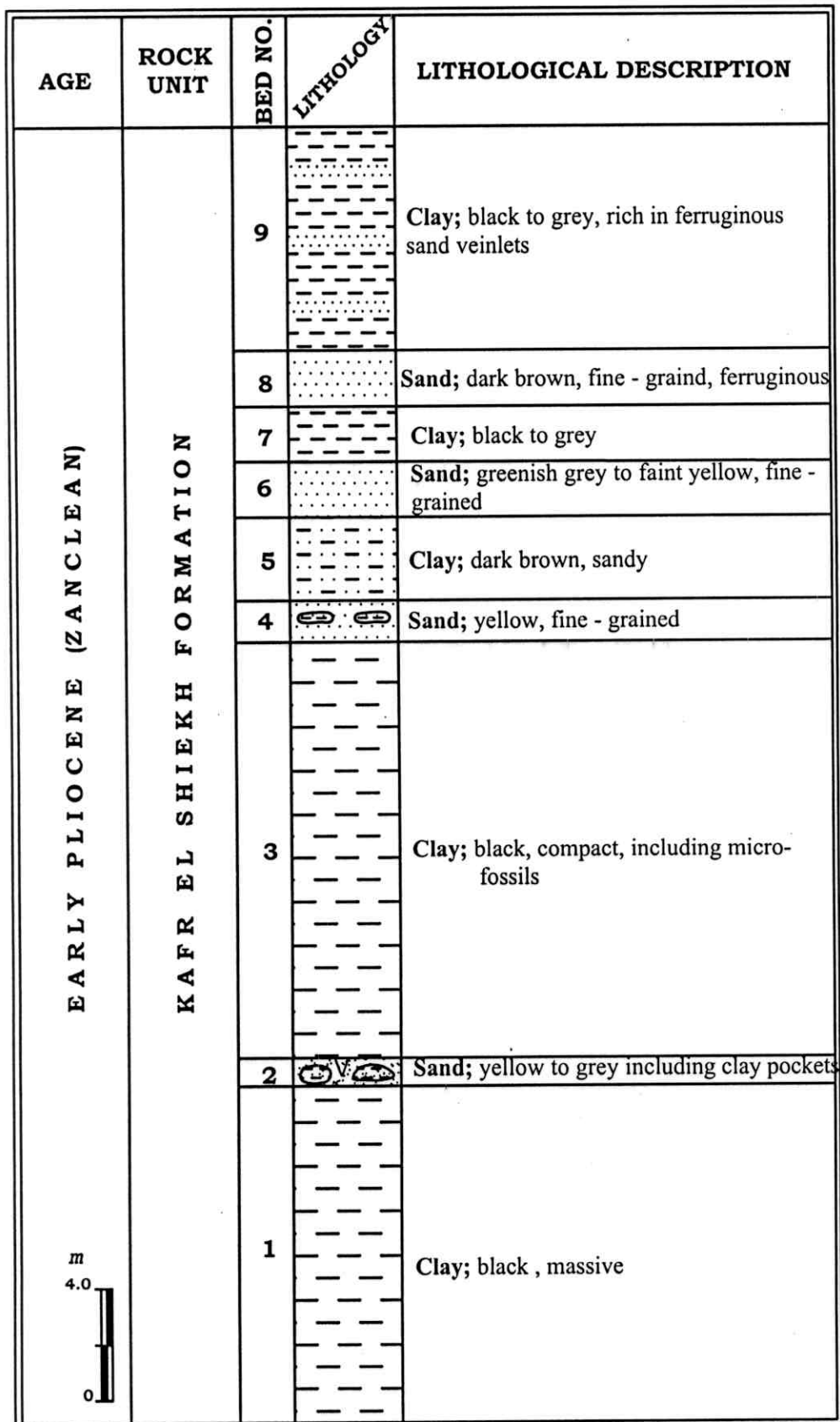


Fig. (9): Lithostratigraphic section measured at Tahma