1. Kafr El Clay; blackish grey, blocky, including brown sand
Shiekh ferruginous crusts cracked with gypsum veinlets
Fm. 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; Cibicides sp.,	ř
	Gyroidenoides sp. and Ammonia 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

AGE	ROCK UNIT	Vilkoroed	LITHOLOGICAL DESCRIPTION
Pleistocene			Clay; grey, laminated, sandy
P EARLY PLIOCENE (ZANCLEAN)	KAFR EL SHIEKH FORMATION		Black clay; bluish black at the base, including gypsum veinlets at the top.

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

AGE	ROCK UNIT	BED NO.	Thirtoroes	LITHOLOGICAL DESCRIPTION
	KOM EL SHELUL FM	10		Coquina limestone; yellow, hard
	-	9		Clay; blackish grey
(ZANCLEAN)	TION	8		Clay; black, fossiliferous, including yellow sandstone veinlets
₹	4	7	***************************************	Sandstone; yellow to yellowish white
PLIOCENE HIEKH FOR	ЕКН ГО	6	@ @ @	Clay; black, including pisolitic and iron pockets
3		5	V	Gypsum crust
EARLY KAFR EL S	AFR	4		Clay; black
		3	V V V	Limestone; gypscaus
		2		Clay; black, fossiliferous
8.0 0	T.	1		Clay; black to greyish brown, fossilifereous

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

2.	Clay; black including; fossils as pelecypods and					
	echinoids, Elphidium cf. Macellum,	. 1.				
	Gyroidinoides sp., Cibicidoides cf. Pumiles,					
	Boilivina spp., and small Uvigerina sp	4.0				
1.	Clay; black to greyish brown, including;					
	Cibicides sp., Boilivina spp., and Uvigerina 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-	1
	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; Bolivina sp., small globula	
	Bukiminia sp., Gyroidenoides sp. and conical	
	Cibicides sp	15.0
2.	Sand; yellow to grey, gypseous, including black	
	clay pockets, ferruginous	1.0
1.	Clay; black, massive,	12.0
Base:	Unexposed.	

AGE	ROCK UNIT	BED NO.	Tritoroes	LITHOLOGICAL DESCRIPTION
	,	9		Clay; black to grey, rich in ferruginous sand veinlets
		8		Sand; dark brown, fine - graind, ferruginous
	z	7		Clay; black to grey
E A N	110	6	:::::::::::::::::::::::::::::::::::::::	Sand; greenish grey to faint yellow, fine - grained
(ZANCLEAN)	NCLEAN)	5		Clay; dark brown, sandy
Y 2	0	4	e e	Sand; yellow, fine - grained
EARLY PLIOCENE (ARLY PLIOCENE AFR EL SHIEKH	3		Clay; black, compact, including micro- fossils
		2	OV CO	Sand; yellow to grey including clay pockets
m 4.0	s	1		Clay; black, massive

Fig. (9): Lithostratigraphic section measured at Tahma