short-term sequences

depositional sequences (T-R)

Diebel Serraf Fm.

Bou M'haoud Fm.

Foum Zeïdiya Fm.

Kheneg el Aatene Fm.

Foum Tineslem Fm.

Aïn Néchea Fm.

Sebkhet el Melah Fm.

Neoptz.

tuffs & lavas

tuffs, lavas & detritals

glacial erosion

SEQUENCE 6

SEQUENCE 5

SEQUENCE 4

SEQ 3

SEQUENCE 2

SEQUENCE 1

BS 6

BS 5

BS 4

BS 3

BS 2

BS 1

storm shoreface

tidal&shoreface

inner shelf

upper shoreface

sand flat

(tidal)

(estuarine)

(coastal plain)

fluvial

tidal ridges

relative sea-level rising

relative sea-level falling

sequence boundary (transgressive surface)

LST

Regressive system tract

HST

maximum flooding surface

late

Transgressive system tract

early

sequence boundary (transgressive surface)

glacially related strata

fluvial facies

sand-flat, tidal and upper shoreface

storm-dominated shoreface

storm-dominated shoreface to offshore