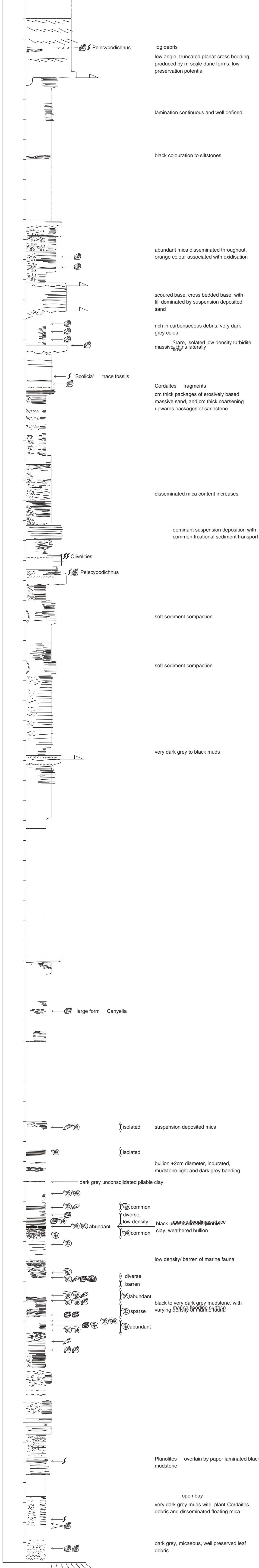


Facies Association | Description



Pelecypodichnus

log debris
low angle, truncated planar cross bedding, produced by m-scale dune forms, low preservation potential

lamination continuous and well defined

black colouration to siltstones

abundant mica disseminated throughout, orange colour associated with oxidation

scoured base, cross bedded base, with fill dominated by suspension deposited sand

rich in carbonaceous debris, very dark grey colour

?rare, isolated low density turbidite massive flows laterally

'Scolicia' trace fossils

Cordaites fragments
cm thick packages of erosively based massive sand, and cm thick coarsening upwards packages of sandstone

disseminated mica content increases

dominant suspension deposition with common tractional sediment transport

Olivelities

Pelecypodichnus

soft sediment compaction

soft sediment compaction

very dark grey to black muds

large form Canyella

isolated

suspension deposited mica

isolated

bullion +2cm diameter, indurated, mudstone light and dark grey banding

dark grey unconsolidated pliable clay

abundant

marine flooding surface
black unconsolidated pliable clay, weathered bullion

low density/ barren of marine fauna

diverse barren

abundant

black to very dark grey mudstone, with varying density of marine fauna

sparse

abundant

Planolites overlain by paper laminated black mudstone

open bay

very dark grey muds with plant Cordaites debris and disseminated floating mica

dark grey, micaeous, well preserved leaf debris

Peb
Gran
Vfs
Ms
Cs
Fs
S
M