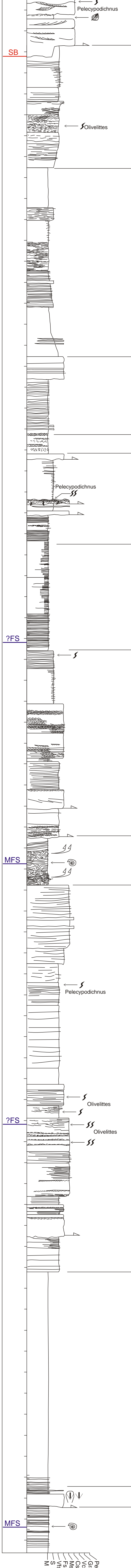


Facies Association

Description



larger scale surfaces, Pelecypodichnus observed, 3-D lunate ripples

app mass but several downlapping surfaces observed, log impressions

climbing ripples observed, gy mic and bioturbated highly disturbed

drk gy muds, no mic, fractures into shards parallel to lamination

laminations more undulose, blocky fragments appear to show bioturbated surfaces

silty mic muds mass with some laminations towards top

three eroive based events, poss gravity flow, with suspended deposits following

poss two low density grav/ turbidity current events, no erosion at base

asymetric ripples, wavelength 12cm, amplitude 1.5cm veryPelecypodichnus well preserved, bivalves lived on underlying substrate.

some relief on laminations, poss bioturbation, some beds appear draped over underlying beds, and slightly hummocky in appearance

20cm indurated horizon, locally forming concretionary nodules.

homogeneous gy mic silt, isolated carbonaceous debris

discrete sub-mm scale bioturbation, reworking of freshly inputted oxygenated sediment.

out of phase climbing ripples with overlying lower phase plane draping beds

isolated asymetric ripple laminations, within cm thick massive sandstone

possible climbing ripples

folded and slumped blue mudstones, upper part more planar due to high shearing component. nodules with ammonoid debris observed. abundant weathered orange clay

highly micaceous horizons with incipient asymetric ripple laminations, become more massive and less micaceous

Pelecypodichnus

Olivellites

Olivellites

Olivellites

lower phase plane bedding, mic and carb in part, especially in top part of individual beds, sporadic high flow velocity followed by fall out of mica from suspension

BREAK IN EXPOSURE

massive fs, flutes and scours at base, sample in stream bed showing complex relationship of multi-phasing scouring, produced by turbidity processes

papery laminated black mudstone, orange weathered clay, ammonoid debris, black papery laminated mudstones

Peb
Gran
Vcs
Cs
Ms
Ls
S
M