



grain size

c v f m vc
clay very fine sand medium sand very coarse sand

Relative salinity (measured section column color)

Freshwater influence
Brackish-water influence
Normal marine

Trough or planar-tabular cross-stratification	Swaley cross-stratification	Leaves
Inclined strata with current ripples	Hummocky cross-stratification	Bone
Cross stratification with wave rippled bounding surface	Wave ripples	Gastropod
Current ripples	Wave-ripple trend	Brachiopod bivalves
Horizontal or subhorizontal bedding	Flaser bedding	Bivalve fragments
Convolute bedding	Wavy bedding	Shark tooth
Double mud drapes or carbonaceous drapes	Lenticular bedding	Bioturbated
Palaeocurrent direction (ripples open, crossbeds solid)	Streaky bedding	Burrows
Mud chert	Erosional contact	Teredolites
Coal	Sharp contact	Ophiomorpha
Carbonaceous shale	Chondrites	U-shaped burrow
Burned coal	Planolites	Terrellina
Roots	Thalassinoides	Trepostoma

PLATE FIGURES: CORE DESCRIPTIONS - FIGURE 5.1, USGS CA-77-2 CORE; FIGURE 5.2, CORE FROM KOCH 1-21 WELL; FIGURE 2.1 CORE FROM USGS CARBONERA WELL

By
Mark A. Kirschbaum and Robert D. Hettinger
2004



Click here to return to Plates Contents Page