

CAPE SORELL NO. 1 SAMPLE DESCRIPTIONS

(W. F. Barrett)

(W. L. Weibel)

(Note: All samples described when wet)

- 309'-720' Ls (100%)(Sampled from bit and hole opener at the end of two runs between 309'-690' and 690'-720'.)
- Foraminiferal Ls w/ 80% forams and 20% crinoid stems & gd tr to abund coral frags; tr shells, forams (gy-tan) w/crinoids & corals (lt. crm); abund micro-pyrite aggregates w/xls beyond 120x to clearly-defined dodecahedra at 30x; abund pyrite xl impregnation of dom. forams in both xl & disseminated form w/tr fossil replacement; lt to med gry color variations in forams & trace-gd tr red-brn, limonitic(?) ls frags & "floating" formas; drilling residual 90% unconsolidated and 10% ls frags; ls frags mega gry-tan mottled & micro gry-tan mottled w/v/minor med dk brn & dk gry elongate fossils (crinoids?), mod hd, mod brtl, dom micritic w/v/minor micro-xln, tr or-ylw, or, red-or micritic ls frgs, varying to crmy-or to crmy-wht as apparent ocean bottom sed's outcrop; highly calcitic; crush cut clr w/fluor absent.
- 720'-750' Foraminiferal Ls (100%)(Sample dominated by approx. 80% med gry cmt contam.): Crmy-wht to tan w/tr-abund lt-med gry (crinoids), gry-tan, or-tan, or & red-brn shell & coral frags; 100% unconsolidated as drilling residual; forams 80%, crinoids, coral frags & shell frags 20% (crinoids 15%); tr micro-pyrite aggregates; highly calcitic; crush cut clr w/fluor absent.
- 750'-780' Coral Ls (100%)(Cmt. contam. approx. 40%)(V/abund. forams in 230-mesh separation only as apparent slough): Crmy-wht w/v/minor variably lt-med gry coral frags (90%) and abund lioclemid bryozoan frags w/tr crinoid ossicles & slight tr apparent algal pellets; highly calcitic; 100% unconsolidated drilling residual; crush cut clr w/fluor absent.
- 780'-810' Coral Ls (100%): Crmy-wht w/v/abund sparite infilling (clr); dom coral frags w/abund crinoid ossicles and bryozoan frags w/slight tr. forams (slough?-forams); 100% unconsolidated drilling residual; crush cut clr w/fluor absent.
- 810'-840' Coral Ls (100%): Crmy wht coral frags w/tr-abund lt-med gry; try bryozoan frags; 100% unconsolidated drilling residual; crush cut clr w/fluor absent. (Cont'd. forams as apparent slough).
- 840'-870' Coral Ls (100%): Crmy-wht to wht w/v/slight gry-wht highly porous coral frags w/tr-abund lioclemid bryozoan frags; 100% unconsolidated drilling residual; tr algal pellets; crush cut clr w/fluor absent. (Cont'd forams as apparent slough.)