

(Cape Sorell No. 1 Sample Descriptions Cont'd)

- 1050'-1080' Bioclastic-Lithoclastic Ls. (100%): Wht, crmy-wht, gry-wht & variably v/lt gry; dom bioclastic (80%) w/v/abund to dom coral frags w/sparite as sparse cmt, tr-abund algal pellets & pellet frags, slight tr crinoid stem frags & abund forams, approx. 20% med brn w/tan "mottled" lithoclastic Ls, clasts dom tan coral w/v/minor apparent shell frags, tr med to dk grn pelletoid glauc(?); abund micro-pyrite aggregates in free & bioclastic frags; all highly calcitic; crush cut clr w/fluor absent.
- Mudstn (Tr): Med dk brn; mod soft; abund lt-med tan dom coral frags; tr micro-pyrite & dk grn glauc (?); clay matrix non-calc w/coral frags highly calcitic; crush cut clr w/fluor absent.
- 1080'-1110' Lithoclastic Ls (100%): Wht, crmy-wht, gry-wht, lt med-gry, gry-tan, tan w/occas lt-med grn glauc (?) & med-lt brn w/tan coral frags (in ls frags); admixture of shell, coral, crinoid, algal frags w/prolific forams & tr bryozoan frags; tr micro-pyrite aggregates; tr acicular clr pyroclasts w/both hollow & filled w/substance of metallic luster (>120 x), pyroclasts of silica in single acicular and up to four-pronged acicular; crush cut clr w/fluor absent.
- 1110'-1137' Sd (70%): Clr, sub-ang qtz; fn; minor frsted grains; luster sub-vitreous to v/minor vitreous w/tr clr acicular qtz (silica) pyroclasts, hollow-centered; w/well-sorted; cut clr w/fluor absent.
- Mesocoquina (30%): Fn-med size shell frags, dom brachypods, pelecypods, pectins, turitella w/abund crinoid stems and bryozoa frags w/minor coral frags - all med tan; abund algal pellets & pellet frags as apparent slough, wht, crmy-wht, gry-wht, w/tr med grn pelletoid glauc (?); tr micro-pyrite (slough?); 100% of mesocoquina unconsolidated drilling residual w/matrix material absent, indicating very poor compaction and induration; crush cut clr w/fluor absent.
- 1137'-1170' Sd (100%): Fn; well-sorted w/tr-abund med; fn sub-ang, clr to minor vitreous dom qtz; med sub-ang to sub-rnd, clr to frsted dom qtz; cut clr w/fluor absent. (Unconsol. drlg. resid.) Note: Sieve of 230-mesh sampled 90-95% mesocoquinal s. debris as apparent slough from action of stabilizers w/10-mesh loaded w/lge brnsh ls, lithoclastic frags.)
- 1170'-1200' Sd (100%): Fn w/minor med; fairly well-sorted; dom clr w/minor vitreous & frsted, dom sub-ang, dom qtz; cut clr w/fluor absent; 100% unconsolidated as drilling residual Note: Marked incr. in med sd in sieve of 230-mesh w/cont'd. high count of ls frags & mesocoquinal debris, including micro-pyrite and glauc(?), dk grn.