

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

- 1350'-1380' Mudstn (60%): Mega, dk red-brn; micro, med to med dk red-brn to med dk brn; mod firm; extremely soluble in mass from drlg fluid coloration; non-calc w/tr apparent micro-fossil reastions; tr "vfn" silty; crush cut clr w/fluor absent.
- Dolomite (10-20%): Micro, med brn; extremely hd; extremely brtl w/sub-conchoidal & tr conchoidal frac; micritic w/mod abund frsted, sharp qtz inclusions; tr dk grn pelletoid glauc (?) inclusions; crush cut clr w/fluor absent.
- Sd (10-30%): Fn; well-sort; dom sub-ang; cut absent.
- 1380'-1410' Sd (100%): Fn-med; mod poorly-sorted; dom sub-ang, clr to vitreous as fn & sub-ang to sub-rnd w/tr rnd, clr to variably frsted as med; 100% unconsolidated as drlg resid; abund clr mica (muscovite); cut absent. Note: Cont'd micro-pyrite, glauc (?), shell frags, forams, ls & dolo frags, mudstn frags as apparent slough no >10% in 60-230-mesh & as dom ls & mesocoquinal ls frags in 10-mesh.
- 1410'-1440' Sd (100%): Fn-med-cse; poorly-sorted; 70% clr & 30% frsted when fn & 50% clr w/50% frsted to wht when med & dom wht w/v/minor frsted when cse; ang to dom sub-ang as fn w/sub-ang to rnd when med & dom rnd as cse; tr micro-pyrite aggregates; tr clr muscovite & red-brn bi; 100% unconsolidated as drlg. resid; cut absent.
- 1440'-1490' Sd(100%): Fn-med; well-sorted; dom. ang-sub-ang; clr to frsted dom qtz; slight tr micro-pyrite aggregates; slight tr muscovite; 100% as unconsolidated drlg resid; cut absent.
- 1470'-1500' Sd(100%): Fn-cse; mod poorly-sorted; ang to sub-ang w/v/minor sub-rnded to rnded clr to frsted w/v/minor feint or; tr dk grn glauc, muscovite & micro-pyrite aggregates; tr to abund dk red-brn mudstn & med grn to dk red-brn ls frags as apparent slough; 100% as unconsolidated drlg resid; but absent.
- 1500'-1530' Sd(80%): Fn-med w/minor cse; mod poorly-sort; clr to frosted w/v/minor or dom qtz; tr vitreous sanidine; tr muscovite & micro-pyrite aggregates; 100% as unconsolidated drlg. resid; but absent.
- Ls(20%): Med brn w/lt brn mottling; vhd; vbrtl; micritic; highly calcitic; tr wht calcitic cly; variable superfine sdy & silty.
- 1530'-1560' Sd(100%): Fn-med; mod well-sorted; dom ang w/minor sharp & v/minor sub-ang; clr w/minor frsted dom qtz; tr med to dk grn gluuc(?); v/slight tr micro-pyrite aggregates; 100% as unconsolidated drlg resid; cut absent.