

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

- 1200'-1230' Sd (100%): Fn-med; mod well-sorted; dom clr w/minor vitreous & abund frsted, dom sub-ang w/minor med sub-rnd, dom qtz; 100% unconsolidated as drilling residual; cut clr w/fluor absent. Note: Cont'd med sd grain incr in meshes 230-mesh w/sloughing ls frags & mesocoquina lls markedly decreasing.
- Dolomite (Tr): Med dk brn; micritic, extremely hd; extremely brtl w/conchoidal frac; rned edges; detrital.
- 1230'-1260' Sd (100%): Fn-med; mod well-sorted; clr to vitreous w/v/minor frsted, sub-ang to minor sub-rnded dom qtz; extremely "clean" sd grain sample as 100% unconsolidated drilling residual; cut clr w/fluor absent. Note: Sample 100% sd grains in all sieves w/only tr ls slough in 60 & 230-mesh sieves.
- 1260'-1290' Sd (70%): Fn-med; mod well-sorted; clr to vitreous w/v/minor frsted (med, dom), sub-ang to minor sub-rnd dom qtz; tr vitreous, micro-platy veinlet qtz frags (free); tr micro-pyrite aggregates; 100% unconsolidated as drilling residual; clr cut w/fluor absent. Sloughing ls absent in 60-mesh sieve.
- Dolomite (30%): Med dk brn; micro-xln (sucrosic); v/hd; v/brtl w/blocky frac; v/abund, sharp, clr-frsted qtz grain inclusions; tr micro-thin calcite veinlets; crush cut clear w/fluor absent.
- 1290'-1320' Sd (70%): Fn-med; mod well-sorted; clr to minor frsted w/v/abund vitreous, sub-ang to sub-rnd, dom qtz; tr incr med grain count w/tr sub-cse; tr micro-pyrite aggregates; tr clr mica; clr cut w/fluor absent.
- Dolomite (30%): Med dk brn; micro-xln (sucrosic); v/hd; v/brtl w/blocky frac; v/abund, sharp, clr-frsted qtz grain inclusions; tr micro-thin calcite veinlets; crush cut clear w/fluor absent.
- Mudstn (Tr): Red-brn; mod soft, mod calc.
- 1320'-1350' Mudstn (70%): Mega, dk red-brn; micro, med dk red-brn; mod firm as drlg. resid; from drlg fluid color change, apparently extremely soluble in mass; occas varying to minor v/dk red-brn to reddish-blk; non-calc w/tr apparent micro-fossil reactions; v/slight tr "vfn" silty; crush cut clr w/fluor absent ("Ferruginous mudstn")
- Sd (30%): Fn-v/minor med; clr to minor frsted, well-sorted, dom sub-ang, dom qtz; v/abund clr mica; mod abund micro-pyrite aggregates w/tr pyritohedrons; abund micro-thin qtz veinlet frags; 100% unconsolidated drlg resid; cut dk w/fluor absent. (Cont'd. dolo frags Re: 1290'-1320').