

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

10740'-10750' Ss (30-40%): Vfn-v/cse; mod well sort as vfn-fn, more  
 10750'-10760' poorly-sort as fn-med, poorly sort as med-v/cse; v/abund  
 micro-conglomeratic frags of qtz (incl wht vein qtz), qtzite  
 and chlorite schist; tr ss frags w/brn-stained qtz, vfn-fn,  
 grains; kaolinitic; non-calc; mod abund wht vein-type qtz;  
 abund free, wht to gry-wht kaolin; 90% as unconsol drlg  
 resid.

Shale (60-70%): Med brn, med dk brn, rare brnsh-blk and med  
 to dk gry-brn; mod firm, mod fis, v/clyey, variably blk  
 carbonaceous as med to dk brn; mod soft, poorly fis,  
 v/silty; vsoft and sol to tr as med to dk gry-brn; all  
 non-calc.

Siltstn (Tr-10%): Med gry-brn; v/soft; v/clyey; non-calc;  
 slight tr superfine sdy.

10760'-10770' Ls (10-39): Lt to med brn and tan mottled; v/hd; v/brtl;  
 10770'-10780' micritic; varying to vfn-fn variably sdy and minor med cse  
 sdy; sd grains ang to sub-ang w/rare shrp, frsted, grsh-clr  
 qtz and feldsp w/abund med gry and med grn frags and mod  
 sbund micro-pyrite aggregates; mod calcitic; possibly  
 detrital.

Ss (70-80%): Lt to med brn and tan-wht; vfn-cse w/minor  
 v/cse; v/hd; highly fri, dom w/difficulty; dom lt to med tan  
 ls "matrix" w/abund sparry calcite cmt; sharp to sub-rnd,  
 v/poorly sorted grains of clr, frsted, wht, grnsh, lt-dk gry  
 qtz w/minor feldsp; variably abund micro-pyrite aggregates;  
 abund wht and gry-wht free kaolin; abund free, wht, sharp  
 vein-type qtz; 60% as unconsol drlg resid.

Sh (Tr-30%): Med brn to med dk brn; mod soft; poorly fis  
 and minor varying to sub-fis clystn; v/clyey to variably  
 silty; non-calc; tr blk micro-carbonaceous.

10780'-10790' Ss (70%): Vfn-med; mod poor sort; mod soft to mod hd;  
 highly fri; tr calc; variably kaolinitic; grains ang to  
 sub-ang, minor feldsp; abund grains of chloritic and mafics;  
 fair tr micro-pyrite aggregates; colors rang from  
 gry-wht, gry-brn to brnsh-wht; 80% as unconsol drlg resid.

Sh (20-30%): Med dk brn to dk brn; mod soft; dom poor fis  
 variably clyey and silty, non-calc; variable traces blk  
 carbonaceous.

Siltstn (Tr-10%): Med gry; v/soft; v/clyey; rare super-fn  
 sdy, non-calc.