

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

10550'-10560' Ss (80-90%): Vfn-cse, dom fn-med w/abund 10560-10570'
 10560'-10570' micro-conglomeratic; dom wht to lt gry-wht w/minor variably
 gry, brn and grnsh; v/hd; highly fri; abund sharp, splintery
 wht to frsted vein qtz; abund bound kaolin of wht to lt
 tan-wht color; abund frags translucent w/secondary silica
 "welded" appearance; tr calc; frag grains dom shap and
 angular; 80% as unconsolidated drlg. resid w/ang to sub-ang
 and minor sharp to sub-rnd dom qtz w/minor feldsp and abund
 micro-pyrite aggregates, tr med grn chloritic "grains".
 slough from reworked appearance and high 8-mesh count.

Sh (10-20%): Dk brn to med dk brn w/abund coal as apparent
 slough from reworked appearance and high 8-mesh count.

10570'-10580' Ss (90%): Vfn-v/cse, variably micro-conglomeratic;
 splintery, wht vein qtz; sharp, wht, frsted, clr and tr pink
 qtz; abund gry, frsted, grnsh qtzite; tr-abund med to dk grn
 schist (chloritic) frags; all cse to v/cse micro-cgl frags;
 ss dom fn-med; wht, clr, frsted, grnsh-wht, grnsh-gry,
 brnsh-wht w/variably abund blk mafics (?) and dk grn
 chlorite grains, v/hd; highly fri, often w/difficulty;
 tr-mod calc; abund kaolin; variable pyrite from all
 fractions, including pyrite on vein qtz, in ss and as
 micro-pyrite aggregates; 60% as unconsol drlg resid.

Shale (10%): Dk brn; mod firm; mod fis; v/clyey, minor
 varying to shaley clystn; non-calc; variably blk
 carbonaceous; suspected as slough.

10580'-10590' Sh (30%): Dk brn; mod firm; mod fis, v/minor varying to
 sub-fis (shaley) clystn; non-calc; v/clyey; variable blk
 carbonaceous content, giving v/dk brn to brnsh-blk
 coloration; tr silty.

Clystn (10%): Med lt brn to med brn w/minor med dk brn;
 v/soft and extremely sol to mod firm; tr silty rare;
 non-calc; blk carbonaceous v/rare.

Siltstn (20%): Med gry-brn; mod soft to mod hd and shaley;
 v/clyey to rare superfine sdy; non-calc.

Sandstn (40%): Vfn-v/cse, dom fn-med; sorting poor to
 extremely poor, micro-conglomeratic; med gry-wht, lt-med gry
 and grnsh-gry w/abund grn (med and dk) schist (chlorite)
 frags; abund wht, gry-wht and "rose-pink" vein qtz frags;
 abund gry, tan-gry and gry-wht qtzite frags; variably abund
 wht to tanish-wht "matrix" kaol; tr calc when lter and
 non-calc when dker; micro-pyrite aggregates variably abund
 w/abund micro-pyrite disseminated in chlorite schist frags
 and ss dom of chlorite schist detritus; 60% as unconsol.
 drlg. resid; finer ss grains ang-rare rnd; cser grains ang.