

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

- 10420'-10430' Ss (90%): Fn-med; mod. poor sorting; gry to brnsh-wht mosaic; v/hd; highly fri; tr calc in dom dolo-form; dom ang w/slight tr sub-rnd grains; dom frsted qtz and feldsp w/abund clr qtz and microcline (?) and tr vitreous sanidine; abund blk (mafic), gry-grn, tan, gry, brn grains and micro-cgl frags w/abund dissem. and aggregate micro-pyrite; 40% as unconsolidated drlg. resid.
- Sh (10%)(Slough?): Dk brn; mod soft; mod to poor fis; variably silty w/v/clyey dom; non-calc.
- Slstn (Abund): Gry-brn; v/clyey; v/soft and sol; tr superfine sdy; non-calc.
- Coal (Abund): Apparent vitrain slough.
- 10430'-10440' Ss (90%): Vfn-med; mod poor sorting when fn-med, mod well sorted when vfn; variable mozaics of whts, brns, reddish-brns w/dom frsted, frsted-wht to wht qtz and feldsp w/abund vitreous (sandidine?) grains and clr qtz and feldsp grains; abund micro-pyrite disseminations; tr-abund disseminated garnet; siliceous cmt w/abund kaolin "dust"; non-calc; abund cse, sharp milky and frsted vein qtz frags; 40% as unconsolidated drlg. resid; abund chalcedony, gry.
- Shale (10%): Med dk brn; mod soft and fis; non-calc; tr pyritic; variably blk carb; variably gry-brn, silty.
- 10440'-10450' Ls (Tr): Med brn and tan mottled; vhd; v/brtl; micritic; also tr as frac fillings in bitumenous coal (dom lt tan sparritic ls).
- Ss (80%): Vfn-med; gry-wht, grnsh-wht, gry-brn and lt-med brn; med hd; highly fri; tr to mod calc; med kaolinitic; grains dom ang to sub-ang qtz and feldsp w/abund chloritic grains and mafic rk frags, med gry, variable brn w/tr to abund garnet and micro-pyrite; abund clr, frsted, milky wht and orange dom vein qtz; abund microp-pyrite aggregates; v/abund frags of qtz achist (chloritic) and qtzite; 50% as unconsolidated drlg resid.
- Sh (Tr-20%): Dk brn to minor med dk brn; mod soft; mod fis; v/clyey; variably blk carbonaceous w/tr-abund blk bitumen inclusions; non-calc; tr micro-pyritic.
- Slstn (Tr-10%): Gry-brn to med brn; v/soft and sol; v/clyey; non-calc.
- Tuff (Tr): Variably tan; vhd and brtl; v/vfn to superfine sdy; ashy; non-calc.