

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

10660'-10670' Sh (40-60%): Med brn, med gry-brn and med dk brn; mod soft; variably clyey to sdy and silty, w/silt dom arenaceous  
 10570'-10680' phase; non calc; poorly to v/minor mod fis and tr highly  
 10680'-10690' fis.  
 10690'-10700'

Siltstn (20-30%): Med gry-brn; variably clyey w/minor superfine sdy; non-calc.

Clystr (tr-10%): Med lt brn; extremely soft; highly sol w/approx 90% estimated lost into mud (drlg fluid); non-calc.

Ss (10-40%): Vfn-med hd; highly fri; wht, gry-wht and grnsh-wht; sub-ang to sub-rnd, frsted w/minor clr and transparent w/variable gry qtz and feldsp grains; tr-abund chloritic, mafic and sh micro-frags; tr v/lt pink qtz (?) a sharp blk carbonaceous (?) frags; tr micro-pyrite disseminations and aggregates; highly wht kaolinitic "matrix"; tr calc; 80% as unconsol drlg resid.

10700'-10710' Ss (30-50%): Vfn-fn; mod well sort; brnsh and grysh-wht; mod soft; extremely fri; abund med-grain grains of qtz and frags of chlorites, mafics and shales; mod to highly kaolinitic w/abund free wht and gry-wht, "slicked" kaolin; non-calc; tr micro-pyrite dissemination and aggregates, rarely superfine sdy and silty; 80% as unconsolidated drlg resid.  
 10710'-10720'  
 10720'-10730'

Sh (30-40%): Med dk brn, med brn and minor brnsh-blk; mod hd and fis to mod soft and poorly fis; v/clyey as brns to mod silty as rare gry-brns; non-calc; variable blk carbonaceous w/abund vitrain-type coal.

Clystn (Tr-10%): Lter brns; v/soft and sol; tr blk carb.

Siltstn (10-20%): Med gry-brn to brns; v/soft; v/clyey.

10730'-10740' Coal (20%): Blk; v/hd; v/brtl; homogeneous; brilliant luster; conchoidal frac; a vitrain-type coal; abund lower-grade mod lustreous bitumen.

Sh (60%): Med dk brn and dk brn w/minor gry-brn; mod hd and fis as med dk brn to brnsh-blk and dk brn and poorly fis and mod soft as gry-brn; v/clyey and blk carbonaceous w/abund included vitrain-type and bitumenous coal in dk brn to brnsh-blk sh; gry-brn sh w/silty w/rare superfine sdy; all non-calc; shales occas varying to lter brn shaley slystn.

Siltstn (10%): Med gry-brn; v/clyey to minor superfine sdy; tr shaley, non-calc.

Ss (10%): Vfn-fn; gry-wht; ang to sub-ang; mod well sort; mod hd to v/soft; highly fri; highly kaolinitic; non-calc; 90% as unconsol drlg resid.