

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

10490'-10500' Ss (40-50%): Vfn-med w/abund cse; gry-wht and gry-brn; v/hd;  
 10500'-10510' highly fri; tr calc; kaolinitic; sharp to ang w/minor  
 10510'-10520' sub-rnd dom qtz w/minor feldsp grains; cont's abund sharp  
 vein qtz frags and micro-cglatic frags of qtzites and  
 schists; 70% as unconsolidated drlg resid.

Sh (30-60%): Dk brn to brnsh-blk w/minor med brn and med dk  
 brn; mod hd; mod fis; v/clyey; variably abund blk  
 carbonaceous w/tr sh frags w/vitrain inclusions; non-calc.

Coal (Tr-30%): Blk; brilliant glossy; highly homogeneous;  
 v/hd and brtl w/conchoidal frac; a vitrain-quality coal.

10520'-10530' Sh (30-50%): Dk brn and med dk brn w/minor brnsh blk; mod  
 10530'-10540' hd; poorly fis as dk brn to mod fis as med dk brn, dk brns  
 occas blocky; v/clyey; variably blk carbonaceous, varying to  
 minor "cannel" in type; non-calc.

Coal (Tr-abund): Vitrain as apparent slough.

Ss (50-70%): Vfn-v/cse, variably conglomeratic: sharp to  
 sub-rnd grains w/v/abund sharp and splintery wht, clr, gry  
 veinlet qtz; v/hd; highly fri; gry-wht, gry-brn to  
 brnsh-wht; tr calc; mod abund kaolin in "matrix"; abund  
 chloritic frags and qtzite frags; tr-abund micro-pyrite  
 aggregates; 70% as unconsolidated drlg resid; tr tan and  
 gry-tan tuff frags.

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

10540'-10550' Sh (90%): Dk brn w/minor med dk brn; mod hd; mod fis  
 w/minor blocky, v/clyey w/v/minor silty to superfine sdy;  
 variably blk carbonaceous w/abund grading to a "cannel"-type  
 of coal having a pitch-like texture and close-grained,  
 compact and homogeneous, giving a sub-conchoidal to  
 conchoidal frac.

Coal (10%): Blk vitrain w/"cannel"-type.