

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

9370'-9390' Conglomerate, Conglomeratic Sandstones and Sandstone (100%):
 9390'-9410' Sandstone fn-cse, dom med-cae; dom ang w/minor sub-ang abund
 9410'-9430' sharp tr sub-rnd; multi-colored w/dom clr to frated qtz
 9430'-9450' feldsp and minor variably lt to dk grn, chloritic grains, dk
 9450'-9490' gry, lt-dk gry-grn, chloritic grains
 9490'-9510' dk gry, lt-dk grn, silver, reddish-blk,
 9410'-9530' blk, brnsh-blk, lt-med dk brn, lt tan, reddish-purple, olive
 9430'-9550' grn; grains rk frags dom v/fresh; tr vitreous sanidine; tr
 9550'-9570' micro-pyrite aggregates; v/hd; highly fri; variable tr calc;
 9570'-9590' abund wht and gry-wht kaolin; general sorting v/poor w/finer
 9590'-9610' grades mod well-sorted to mod poor sorting; 80% as unconsol
 9610'-9630' drlg. resid. Conglomerate
 9630'-9650' and Conglomeratic Sandstone fn-v/cse to broken pebbly (and
 9650'-9670' suspected larger); very poorly sorted; sharp to angular
 9670'-9590' w/minor sub-ang to sub-rnd mineral and frags of rks;
 9690'-9710' variably abund sharp to splintery wht, milky, fistid and
 9710'-9730' variably translucent to clr vein-type qtz frags; tr rnd dom
 9730'-9750' chalcedony as broken, cse grains; v/fresh, multi-colored
 9750'-9770' mineral and rlt frags of qtz-chlorite-mica (sericite)
 9770'-9790' schists, acid volcanics, abund quartzites and occas breccia
 9790'-9810' frags; variable tr micro-pyritized clastic (?) vitrain-type
 9810'-9830' coal frags; tr dk aphanitic frags; variably abund wht and
 9830'-9850' gry-wht (slicked) kaolin; variably abund wht and gry-wht
 9850'-9870' (slicked) kaolin; tr micro-pyrite aggrs, occas w/rnd, clr
 9870'-9890' to gry-frosted qtz; abund grns, grys, whts, brns, reds,
 9890'-9910' purples, ylws, or, olive-grns, brnsh-blks, blks and
 9910'-9930' vitreous, clr, fistid grains and frags; occas tr lt-med tan,
 9930'-9950' sucrosic to micritic dolo ls and calcitic dolo frags; tr
 9950'-9970' lt-med brnsh-tan, mod hd, non-calc clystn frags; abund
 9970'-9990' fn-med, wht to variably transparent qtzitic ss frags, occas
 9990'-10010' w/grnsh chlorite from 9887' to 19,055'; tr-abund dk brn,
 10010'-10030' v/clyey; mod hd; mod fis, non-calc shly claystn from 10,090'
 10030'-10050' to 10,130'.
 10070'-10090'
 10090'-10110'
 10110'-10130'

10130'-10150' Claystn (T-10%): Med brn to med dk brn; v/soft; highly sol;
 10150'-10170' occas mod firm, poorly sol and shaley; non-calc; variably
 blk carbonaceous w/occas abund v/hd, v/btrl, brilliantly
 glossy, homogeneous

Coal w/conchoidal frac & sharp shaley clystn-boundaries - a
vitrain - type coal in tr amts; abund med gry, sdy clystn.

Ss (50-100%): V/fn-v/cse; poorly sorted when cser and mod
 well sorted when vfn-fn; mod hd; highly indurated w/silica
 cmt; highly kaolinitic; dom ang qtz and feldsp w/abund
 variable grn chlorite(?); dom wht, varying from gry-wht to
 grnsh-wht; non-calc; 90% as unconsolidated drlg resid.

Cgl. (Tr-50%): Suspected as slough, but w/incr qtzite
 count.