

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

- 2880'-2940' Sd(80-90%): Clr, fn-med, mod well srtd, subangular to subrdd, dom qtz, abund mica, occ shell frags, rare biotite with sd grains adhering via hematite, 100% as drlg resdl.  
Mudstn(10-20%): V. dk brn - v. dk gry, v. soft, soluble, variable silt and vfn sd content, micropyrritic, rare pyritized worm tubules.
- 2940'-2970' Sd.(100%): Fn-med, clr, mod well sorted, anglr to subrdd, tr k-feldspar, micaceous, 100% as drlg resdl.
- 2970'-3000' Sd.(70-80%): Clr, fr-crse, mod srtd, anglr to subrdd, tr magnetite, pyrite, occ shell frags, occ rudaceous mafic volcanic frags, 100% as drlg resdl.  
Siltstn(20-30%): Med-dk brn, mod well srtd, dom qtz, mod soft, non-calc, sl clayey to clayey, non-calc, sltstn frags range fro 0.25mm to 1mm in size.
- 3000'-3030' Sd.(80%): Clr, fn-med, mod srtd, anglr to subrdd, tr k-feldspar, micro-pyritized forams, mic, occ shell frags, 100% as drlg resdl.  
Siltstn(20%): Dk brn-dk gry, poorly sorted, clayey, mod. soft, non-calc, sltstn frags range in size from 0.25mm to 1mm.
- 3030'-3060' Sd.(100%): Clr/wht, anglr to subrdd, fn-med, mod well srtd, dom qtz, tr to common biotite (leached to a translucent brown), tr granitic frags, tr to common forams (not pyritized), micaceous, 100% as drlg resdl.
- 3060'-3090' Sd.(100%): Clr, fn-med, mod well srtd, subanglr to subrdd, tr SS frags, tr to common micro-pyritized forams, occ Fe-oxide stain surrounding biotite flakes on sd grns as local cementing agent, 100% as drlg resdl.
- 3090'-3120' Slststn(60-70%): Med dk to vkd brwn, clayey to v clayey, sdy, poorly srtd, calc, sltstn. frags range in size from 0.75 to 1.5mm.  
Sd.(30-40%): Vfn-crse, poorly srtd, clr, anglr to subrdd, tr SS frags, occ shell frags, rare micro-pyritized forams, occ Fe-oxide stain surrounding biotite flakes on Sd. grms as local cementing agent, 100% as drlg resdl.
- 3120'-3150' Mudstn(100%): V dk brn, mod soft & soluble, variably sandy and silty, tr-common included mica, tr micro-pyritized forams, non-calcareous; up to 30% sd. slough in sample as indicated by corrected drilling exponent of 1.12 to 1.46.