

Core No.44

Well: Yolla -1

Depth: 1825m (5987.5')

Rock Type: Clayey Sandstone

Pull: 1046 lbs

Recovered: 2.8cm (1.1")

Condition: Broken

Description:

Clayey Sandstone: Macro mottled med to dk brn and lt to med tan; micro a mosaic of variably gry-tan and med to dk brn as a highly turbid mixture of 30-50% sd and 70-50% claystn w/minimal thin (0.3-1mm) bedding and abund pseudobedding and turbidity features; ss v/fn, mod well sort, ang, frsted to minor clr and gd tr brnsh-frsted qtz and minor feldsp in a gry-tan to tan, non-calc, kaolinitic (?) and tr bentonitic (?) matrix; ss vis por 10-20%; ss mod soft and easily fri; clystn non-calc, mod hydratable (hygrotergic), variably silty and v/fn sdy w/tr micromica (muscl).

Core No.45

Well: Yolla -1

Depth: 1820m (5971.1')

Rock Type: Sandy, Pyritic Claystone

Pull: 288.5 lbs

Recovered: 3.5cm (1.38")

Condition: Broken

Description:

Sandy, Pyritic Claystone: Macro med dk brn and tan w/lineated mottling; micro variably med dk brn w/extr abund beds and "lenses" of med gry to med lt gry-brn, mod clyey, v/fn, mod well sorted ss w/ang, frsted to clr qtz and feldsp in a tan-wht, kaolinitic (?) matrix; the beds variably "broken", parted and w/slump features; all non-calc; tr to v/gd tr dissem and fragment-form micropyrte, rare forms w/lattice-type structures; all mod hd w/clystn highly sub-fis, "shaley" and ss as fri w/med pres; clystn w/variably abund incl silt to v/fn qtz and feldsp grains; clystn w/5% vis frac por and ss w/vis intergranular por absent.

Core No.46

Well: Yolla -1

Depth: 1815m (5954.6')

Rock Type: Clyey Sandstone

Pull: 1293 lbs

Recovered: 3.0 (1.18")

Condition: Broken

Description:

Clayey Sandstone: Macro lineated mottling of variably med to dk tan and med dk brn; micro 60-70% variably tan ss and 40-30% med dk brn clystn as appar turbidity deposits w/abund lenses, crossbeds, frags and w/abund micro-slump; ss v/fn, mod poor sort, ang to sub-ang to sub-rnd and rare sharp, gry-to brn-frsted, variably brn and clr qtz w/minor feldsp in a variably tan, non-calc, tr hydratable, kaolinitic (?) to tr bentonitic (?) matrix (20-40%); ss vis por 10-20%; ss mod hd and fri w/mod pres; clystn mod hd, sub-fis as fn beds, lenses and linear "frags" (0.2-3mm), non-calc, mod hydratable (hygrofissile), gd tr blk to brnsh-blk microcarbonaceous and tr micromicaceous (muscl), variably silty and v/fn sdy.