

Core No. 4

Well: Yolla -1

Depth: 3010m (9875.2')

Rock Type: Sandstone

Pull: 822 lbs

Recovered: 1cm (0.39")

Condition: Broken

Description:

Sandstone: Macro gry-tan and lt to med brn mottled; micro gry-tan and med brn mottled; v/fn-fn, mod poor sort; ang to minor sub-ang, rare subhedral, grysh-to brnsh-frsted and clr to gd tr vitreous dom qtz w/minor feldsp in abund decay kaolinitic (?), tr calc matrix of dom gry-wht color when water-inundated; mod hd and fri w/mod pres; tr to gd tr blk dissem microcarb; vis por 10-20%.

Core No. 5

Well: Yolla -1

Depth: 3006m (9862.1')

Rock Type: Claystone

Pull: 553.5 lbs

Recovered: 2cm (0.79")

Condition: Broken

Description:

Sandy, Carbonaceous Claystone w/Sandstone beds: Macro dom med dk "chocolate" brn w/med gry-wht thin (1-3mm) beds; micro variably med to dk brn clystn w/gry-wht ss microbeds and lt to med gry-wht ss macrobeds; ss v/fn, mod well sort w/ang, dom frosted w/minor clr, dom ang qtz and feldsp w/abund gry-wht, non-calc, kaolinitic (?) matrix, giving mod soft, extr fri character; clystn mod hd w/gd tr to extr abund equiv sd and ss incl a gd tr to v/abund dissem to tr bedded microcarb w/ tr to abund micromica (musc); tr vis fracture por in clystn and 5-10% vis ss por.

Core No. 6

Well: Yolla -1

Depth: 3002.5m (9850.6')

Rock Type: Clayey Sandstone

Pull: 1141 lbs

Recovered: 1.9cm (0.75")

Condition: Solid

Description:

Clayey Sandstone: Macro med gry-tan; micro med gry-wht to gry-tan mottled; v/fn- fn, ang to v/minor sub-ang, grysh-to brnsh-frsted to clr qtz and feldsp in abund tan-wht to lt tan, non-calc, kaolinitic (?) matrix; tr to gd tr dissem blk microcarb; vis por 10-20%.