

Core No.41

Well: Yolla -1

Depth: 1840m (6036.7')

Rock Type: Sandstone

Pull: 253.3 lbs

Recovered: 3.1cm (1.22")

Condition: Broken

Description:

Sandstone: Macro mottled lt to med brnsh-tan; micro med tan w/mod abund med dk brn to brnsh-blk, highly microcarbonaceous, non-calc, discontinuous, rare foliated, thin (0.1-0.6mm) cly "layers" and frags, rarely as discontinuous bedding; v/fn, mod well sorted, ang to abund subhedral and gd tr sub-ang dom frsted to minor clr qtz and feldsp in a 20-30% med tan, resinous, non-calc, kaolinitic matrix; vis por 20-30%; tr micromica; rare dissem micropyrite.

Core No.42

Well: Yolla -1

Depth: 1835m (6020.3')

Rock Type: Sandstone

Pull: 317.2 lbs

Recovered: 2.9cm (1.14")

Condition: Broken w/one segment of 2.4cm (0.94")

Description:

Sandstone: Macro variably med lt tan to med brnsh-tan w/abund dk brn fn, curved appar bedding; micro lt to med gry-tan "clean" ss w/abund curved to curved and convergent, med to dk brn v/clyey ss to silty and v/fn sdy clystn as thin (0.1-0.3mm) beds, beds forming up to 10% lense-type ss increments; v/fn, mod well sort, ang, frsted to minor clr qtz w/minor feldsp in a 20% to 30%, variably gry-tan, non-calc, mod hydratable, bentonitic (?) and kaolinitic (?) matrix; tr dissem blk to brnsh-blk microcarb, blk mafics (?) and micromica (musc); v/soft and fri w/extreme ease; vis por 20-30%.

Core No.43

Well: Yolla -1

Depth: 1830m (6003.8')

Rock Type: Sandstone w/Claystone beds

Pull: 218.5 lbs

Recovered: 3.0cm (1.18")

Condition:

Description:

Sandstone: Macro tan (ss) w/abund med brn beds (clystn); micro ss lt to med grysh-tan, lt to med tan to lt to med gry and clystn med brn; ss vfn, mod well sort w/ang, frsted qtz and minor feldsp in gry-tan, non-calc, kaolinitic (?) matrix w/tr blk microcarb; clystn dom mod silty and v/fn sdy w/gd tr dissem blk microcarb, non-calc and poorly hydratable; vis frac por 5%, vis ss intergranular por to 25% in less clyey portions.