

Core No.38

Well: Yolla -1

Depth: 1855m (6085.9')

Rock Type: Clayey, calcareous sandstone

Pull: 267.5 lbs

Recovered: 1.4cm (0.55")

Condition: Broken

## Description:

Clayey, Calcareous Sandstone: Macro variably lt tan to med brn mottled; micro med gry-tan to lt brn mottled ss w/abund med brn cly inclusions and gd tr to abund sub-parallel blk microcarb frags; v/fn and mod well sort, ang to abund sharp, frsted to minor clr qtz w/minor feldsp in an abund (20-40%), variably med gry-tan to med tan, mod calcitic, kaolinitic (?) matrix; vis por 15-20%; incl cly "frags" variably silty and v/fn sdy, tr blk microcarbonaceous and poorly sol; gen dissem micromica (musc) in ss and clystn.

Core No.39

Well: Yolla -1

Depth: 1850m (6069.5')

Rock Type: Sandstone

Pull: 174.8 lbs

Recovered: 3.0cm (1.18")

Condition: Broken

## Description:

Sandstone: Macro v/even med brn; micro mottled lt to med brnsh-tan; v/fn, ang, frsted w/minor clr dom qtz and minor feldsp in a med tan, non-calc, kaolinitic (?) matrix (20%); even vis por 25%; tr to gd tr blk dissem microcarb w/tr as incl in clyey "frags"; tr micromica (musc); v/soft and totally fri w/extr ease.

Core No.40

Well: Yolla -1

Depth: 1845m (6053.1')

Rock Type: Sandstone

Pull: 163.6 lbs

Recovered: 2.6cm (1.02")

Condition: Broken

## Description:

Sandstone: Macro variably med tan to med brn w/med dk brn beds (5%); micro mottled med gry, gry-tan, lt to med brn as variably clyey ss w/thin (3mm), dk brn, silty and v/fn sdy clystn interbeds (5%); all non-calc; ss v/fn w/mod gd sort, ang, frsted to clr qtz and feldsp in gry-tan to brnsh-tan, kaolinitic (?) matrix (20-30%) w/vis por 15-25%; ss w/rare to tr dissem blk microcarb and rare micromica (musc); ss mod to v/soft and fri w/low pres; clystn mod hd, mod sub-fis, tr micromicaceous (musc) and poorly hydratable; clystn frac por less than 5%.