

SIDEWALL CORE DESCRIPTIONS

304036

Core No. 1 Well: Yolla -1

Depth: 3028m (9934.3')

Rock Type: Clayey Sandstone

Pull: 381.7 lbs

Recovered: 1.5cm (0.59")

Condition: Broken

Description:

Clayey Sandstone: Macro gry-wht, brnsh-gry to med brn mottled w/blk in one thin bed; micro dom gry-wht w/abund med to dk brn cly frags and beds and one blk to "rust" brnsh-blk resinous, fusain-type coal bed; v/fn-minor fn, mod poor sort; ang to minor sub-ang, gry-to brnsh-frsted w/abund clr qtz and feldsp w/abund decay kaolin (?) as dom non-calc matrix w/v/minor variably brn cly matrix segments; tr to v/abund blk to brnsh-blk microcarb; tr blk mafics (?); tr mica (musc); rare dk reddish-brn, anhedral garnet (?); vis por 10-20%.

Core No. 2 Well: Yolla -1

Depth: 3014.5m (9890')

Rock Type: Sandy, Carbonaceous Claystone

Pull: 1096.0 lbs

Recovered: 1.5cm (0.59")

Condition: Broken

Description:

Sandy, Carbonaceous Claystone: Macro med dk "chocolate" brn; micro even med dk brn w/gd tr to abund scattered specular reflection from micromica (musc); mod soft to gd tr v/hd; sub-fis as "shaley", tr calc (10% HCl) and mod crypto-fis; non-hydratable; gd tr to v/abund v/fn-fn, ang, brn-frsted to minor gry-frsted qtz and feldsp grains; tr appar fracture por.

Core No. 3 Well: Yolla -1

Depth: 3013m (9885.1')

Rock Type: Sandstone

Pull: 1188 lbs

Recovered: 2cm (0.79")

Condition: Broken

Description:

Sandstone: Macro med gry-tan to gry-brn mottled w/thin, dk brn "bands"; micro med gry to med tan and gry tan mottled w/blk carbonaceous microbeds; v/fn-fn and mod poor sort; dom lt to gry-frsted w/v/minor lt brnsh-frsted, ang to sub-ang (esp clr) qtz and minor feldsp in variably tan, appar decay matrix of dom tr calc. kaolin (?); tr dissem blk microcarb to banded concentrations of dissem blk microcarb bet microbeds of blk, glossy, conchoidal, vitrain-type bituminous coal; vis por 20-30%.