

03

MEASURED SECTION NO. JB Costa 120  
 LOCALITY 015-1598  
 SETTING Granny Creek field

DATE 9/17/91  
 STRATIGRAPHIC UNIT Big Tiqua  
 MEASURED BY \_\_\_\_\_

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT SUB	TEXTURAL Maturity	DESCRIPTIONS
	GRAV	SAND	SILT CLAY					
1935	64 4	VCCM FVF						
1940								Grey, ooid grainstone-packstone w/ visible sparry calcite cement: faint, low angle (<10°) xbeds & many horizontal stylolites: first pyrite in stylolitic zones: ooids are undistorted w/ ~30% qtz grains in core
1945		Box 2 missing						
1950								Pale grey, ooid-fossil fragment grainstone-packstone w/ visible spar: horizontal & vertical stylolites throughout - pyrite & angular, medium-coarse qtz sand concentrated in stylolitic zones: indistinct fossil fragments: (? mollusc) coated w/ rim of calcite: ~20% qtz cores in ooids: 1954'3" - grey green shale layer (3cm thick): at bottom - sandy micrite intraclasts, isolated white qtz pebble
1955								dk grey green sandy dolomitic; very poorly sorted fine-granular qtz sandstone; qtz sand wackestone all w/ wispy green shale laminar & small sandy carbonate intraclasts (<1cm diameter)
1960								lt. tan sandy dolomitic that appears ? limonite stained w/ numerous fractures some showing evidence of displacement & recementation: increase in qtz sand at contact
1965								lt. green to maroon fine qtz ss w/ qtz granules interbedded w/ poorly sorted, lt. green to maroon coarse-very coarse qtz ss w/ subrounded qtz, Kspar, & rock fragments: horizontal & low angle (<10°) bedding predominates w/ occasional trough, ripple, & high angle (30-45°) planar xbeds: sporadic calcite cement & nodules (→ Zcm) observed: scour bases & granule lag seen infrequently: 1961'10" - green, waxy shale (3cm thick)
1970								1967'6" - grey green siltstone (3cm thick)

- - ooid
- - oil stain
- stylolites
- pyrite
- fractures
- siderite
- planar xbeds
- horizontal laminae
- trough xbeds
- erosional scour
- ripple xbeds

of 3

MEASURED SECTION NO. JB Costa 120  
 LOCALITY 015-1598  
 SETTING Grassy Cr Field

DATE 9/17/91  
 STRATIGRAPHIC UNIT Big Injun  
 MEASURED BY RM & AV

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	TEXTURAL MATURITY		DESCRIPTIONS
	GRAV	SAND	SILT CLAY			SUP	SUB	
1970	64 4	VCCM FVF						*note: has the staining occurs in the pieces that have been plugged this may be due to the plugging process?? Also the staining occurs at all edges of the core suggesting oxidized after core <del>cut</del> <sup>stained core</sup> cement
1975								at 1976'6" we have sm 2mm size Qtz grains defining layers in ss.
1980		7°						The sandstone is a light green fine to very sandstone w/ abundant lithic fragment and quartz. The rock is very porous and contains abundant auth. clay coating the grains: faint horizontal to low angle (<5°) planar x bedding: occasional blebs of pyrite w/ oxidation halo - may be after organic material: 1978'6" - nearly vertical fracture (5m long) appears recemented
1985								at 1987'7" - is this a 2cm size growth form? cross bedding?
1990								
1995		100						at 1993' - 20% siderite nodules at 1994'9" we have lens of shale (50/50) is sandstone
2000								
2005								

- c - calcite cement
- o - siderite nodules
- o - pyrite
- ≡ - horizontal lamination
- oo - lens of shale in ss
- ≡≡ - crossbedding
- ~ - hummocky x-bedding
- ~ - weakly bioturbated
- ~ - moderately bioturbated
- ~ - strongly bioturbated

030

MEASURED SECTION NO. J B Castro 120  
 LOCALITY 015-1598  
 SETTING Greeny Cr Field

DATE 9/17/91  
 STRATIGRAPHIC UNIT Big Injun  
 MEASURED BY RM + AV

