

Extra
Boxes #1
&
2

MEASURED SECTION NO. 087-2410
LOCALITY O.D. Stockly 193
SETTING _____

DATE 10/23/91
STRATIGRAPHIC UNIT Loyalhanna B. Injun
MEASURED BY KM

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT SUB IM	TEXTURAL MATURITY	DESCRIPTIONS
	GRAV 64 4	SAND VCCM FVF	SILT CLAY					
1865								
1870			15°					grey, ooid grainstone, w/ 100 μm (45°) planar xbeds, vertical & horizontal stylolites, rare pyrite & lt. tan, dolomitic ooid grainstone at base: ooids - 50% qtz sand cores: thin, 1cm thick layers of qtz sand wackestone - sand, subangular, medium to coarse grained micrite in frequency down section: ooids decrease in size down section
1875								interbedded grey, qtz sand wackestone & grey, sandy micrite & dolomite w/ small ooids; coarse-medium subrounded, qtz sand; dk green, wispy horizontal laminae: amount of qtz sand increases down section
1880								1878'4" - 2cm thick, grey green, calcareous mudstone w/ fine - coarse, qtz sand grains. Dk purple & pale green, very poorly sorted granule - coarse qtz sandstone w/ bimodal grain population (granule-coarse, & coarse-ll); massive, well indurated but reacts weakly to acid: grains subangular - rounded

~ stylolite
○ - ooids

c - calcite cement
⊕ - pyrite
○ - oil stain

/// planar xbeds
= horizontal laminae

~ - unconformity

715 feet + core = Log

MEASURED SECTION NO. Roane 2410
 LOCALITY DD Stockly 193
 SETTING Granny Creek Field

DATE 10/11/91
 STRATIGRAPHIC UNIT Big Injun
 MEASURED BY R.M., AV

First Box is #3
7.5' + CORE = LOG

ELEVATION	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT	SUB MAT	MATUREITY	DESCRIPTIONS
	GRAV	SAND	SILT-CLAY						
1890	64 4	VCCM FVF							
1882'	ccc								dk. maroon to white, poorly sorted, v. coarse-coarse qtz ss w/ ? rock fragments, Ksp, mafic minerals altered to clay: massive w/ scoured base: subrounded
1885									lt grey green to dk maroon, fine-v. fine qtz ss, generally massive to horizontally laminated w/ rare, horizontal & vertical burrows, sideritic zones, phosphatic brachiopod valves, pyrite nodules + calcite cement: 1882'4"-1886'10"- ripple scale xbeds, hummocky xbeds, indistinct burrows
1890									infrequent isolated qtz granules & single grain layers: pyrite nodules - 1cm diameter w/ oxidation rims: ss is micaceous
1895									at 1896 calcite layers following bedding
1900									
1905									1907'10": horizontal layer of phosphatic brachiopod valves - all concave down
1910									1910'10" clay rip-up clasts w/ siderite nodules in the center. These clasts are above a siderite zone w/ horizontal burrows on the top of siderite zone
1915									dk grey shale w/ minor qtz silt interbeds at top grey green, clay rich, poorly cemented qtz siltstone - v. ss note: small microfractures that follow bedding - may just be expansion of clay rich laminae

- ripple xbeds
- horizontal bedding
- cross-bedding
- fracture
- fossil
- siderite nodules
- weak bioturbation
- moderate bioturbation
- strong bioturbation
- scour
- ripple scale x-bedding
- erosional scarp
- pyrite
- hummocky x-bedding
- clay rip-up clasts
- possible oil stain
- weak calcite reaction
- moderate calcite reaction
- strong calcite reaction