

MEASURED SECTION NO. Clay 1109
 LOCALITY Columbia #20314
 SETTING Elevation 1012'

DATE 3/29/91
 STRATIGRAPHIC UNIT Big Injun/SQUAW
 MEASURED BY AV & RR

* - organic
 ● - mud clasts

1880
 1885
 1890
 1895
 1900
 1905
 1910
 1915

SEDIMENTARY TEXTURES & STRUCTURES	INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	TEXTURAL MATURITY	NO UNCONFORMITY	DESCRIPTIONS
64 4 VCCM FVF					interbedded, lt. pinkish grey, medium-grained gtz ss & gtz pebble conglomerate: sandstone w/ tabular & trough x-bedding, conglomerate occasionally w/ tabular x-bedding; numerous coarse-fine cycles w/ green, chloritic clay drapes on low-angle x beds & horizontal sets: fairly well rounded, white & pink gtz pebbles & granules (2mm-1cm diam): sporadic calcite cement commonly associated w/ pebble lags & indistinct horizontal burrows: bases of some ss scoured into underlying ss
					interbedded, lt. pinkish grey, medium-fine grained gtz ss & gtz pebble conglomerate <u>as above</u> : may be some dk. chert pebbles & minor Kspar
					interbedded, coarse-very coarse-grained gtz ss & gtz pebble conglomerate - Note: scour at the base of this unit has 2' of relief
					grey, fine-very fine-grained gtz ss, poorly sorted?: ripple x beds at top → ripple x beds w/ horizontal & vertical tubular burrows & fluid escape structure → horizontal laminar: dk: occasional pebbles or pebble layer - gtz, chert, Kspar? (5mm-5mm diam)
					grey, fine-very fine-grained gtz ss, poorly sorted: faint horizontal laminations & low-angle planar x bedding: dk laminae emphasize bedding: occasional calcite-cemented zones marked by lighter coloration - burrowing or just spherical calcite-cemented nodules: infrequent pyritic nodules → 5mm diam: rare fossil fragments: appear to be thin-shelled phosphatic brachiopod valves arranged parallel to bedding: rare pebbles in single pebble layers or as isolated grains in horizontal laminated ss (laminae 1mm-1cm spacing)

○ - fossil
 * - organic fragment
 ● - mud clasts

MEASURED SECTION NO. Clay 1109 DATE 3/21/91
 LOCALITY Columbia #20314 - Grassy CR field STRATIGRAPHIC UNIT Big Injun
 SETTING elevation 1072 MEASURED BY AV & RM

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT TEXTURAL SUB M Maturity	DESCRIPTIONS
	GRAV	SAND	SILT-CLAY				
1915	64 4	VCCM FVF	SILT-CLAY * ⊕				⊕ - forms a horizontal layer & vertical Greenish-grey very fine SS. Grain size is uniform at 1916 a chloritic shale drupe ≈ 2 inches thick w/ organic laminae and expansion features -1918. Re-activation surface ⊕ ≈ 2mm in diameter (limonite?)
1920			⊕ ⊕ ⊕				Note about 4% limonite speckle staining NOTE 1cm thick siltstone drupe at 125' 4"
1925			HMP ⊕ ⊕				-Note how microfaults parallels x-bedding
1930			HMP ⊕ ⊕				Greenish gray ^{very} fine SS with one layer thick clay laminae possibly popping open and causing horizontal microfractures. From 1930-1929' - it appears and Fe-staining. Oxidization occurred after the rock was core & staining the edge of core - Note: about 8% limonite occurring as fine grain speckles
1935							Missing core
1940							
1945							
1950							

HMP - micropartings (Horizontal)
 ⊕ - clay up-cleats
 * - organics
 ⊕ - pyrite

⊕ - Fe nodules

MEASURED SECTION NO. Clay 1109
 LOCALITY Columbia #2034 - Gore
 SETTING elevation 1012

DATE 3/29/91
 STRATIGRAPHIC UNIT Sawaw
 MEASURED BY AV & RM

SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP MAT SUB IM	TEXTURAL MATURITY	DESCRIPTIONS
GRAV 64 4	SAND VCCM FVF	SILT CLAY					

1 1950

1955

1960

Mud core

Very fine grained gray ss - uniform
 faint horizontal lamination
 possibly oil stained
 1" of horizontal lam. at bottom
 white mica present ~ 2%