

MEASURED SECTION NO. CLAY 1130
 LOCALITY Columbia #2813
 SETTING Elevation 982.5

DATE 3/7/91
 STRATIGRAPHIC UNIT "SQUAW" / Big Ind
 MEASURED BY RRM & AV

I question his subdivisions
 Bell's subdivision
 ↓
 Dol.

Zone A (Keener?)
 Zone B (Keener)

Zone C

| ELEVATION | SEDIMENTARY TEXTURES & STRUCTURES | | | INTERVAL | ROCK TYPE, CONTACTS & ACCESSORIES | TEXTURAL MATURITY | DESCRIPTIONS | |
|-----------|-----------------------------------|------|--------|----------|-----------------------------------|-------------------|--|-----------|
| | GRAV | SAND | | | | | | SILT CLAY |
| | 64 4 | VCC | M F VF | | | | | |
| 1860 | | | | | | | | |
| 1865 | | | | 1865 | | | Sandy dolomite, faint crenulated laminae calcite: qtz granules & very coarse sand: 1/4" tan - limonite stain at base poorly sorted, quartz sandstone & qtz pebble conglomerate: coarse fine cycles of weakly scoured bases: tabular - ripple beds w/ shale drapes infrequent, tubular horizontal burrows at top: minor calcite cement throughout w/ spherical, nodular zones cemented by calcite → 1cm diameter | |
| 1870 | | | | 1870 | | | grey → dk reddish grey: appear to be chert rfs in conglomerate: all grains moderately rounded | |
| 1875 | | | | 1875 | | | poorly sorted, qtz-pebble conglomerate, moderately well rounded w/ pink chert: or ksparr interbedded w/ laminar-bedded - laminar, medium sandstone w/ shale laminae: minor calcite cement: bases of coarse units are weakly scoured: shale is micaceous: upper contact appears to inter-finger w/ next unit - GREY, it | |
| 1880 | | | | 1880 | | | poorly sorted calcite-cement | |
| 1885 | | | | 1885 | | | interbedded sand & granule - mostly fine sand clay drapes on ripple and lamma ○ - Pyritic is fine < 1/2 mm major break in cement (calcite cement ↑) in siltstone | |
| 1890 | | | | 1890 | | | 1891 - slightly stronger calcite cement generally - silica & clay cement w/ weak traces of calcite cement laminar bedding | |
| 1895 | | | | | | | ○ - weak | |

Core - 3 to 4 ft = log

32/2

MEASURED SECTION NO. Clay 1130
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| | SEDIMENTARY TEXTURES & STRUCTURES | | | INTERVAL | ROCK TYPE, CONTACTS & ACCESSORIES | TEXTURAL MATURITY | | DESCRIPTIONS |
|------|-----------------------------------|-----------|-----------|----------|-----------------------------------|-------------------|-----|---|
| | GRAV | SAND | SILT CLAY | | | SUP | SUB | |
| | 64 4 | VCCM F VF | — — — — — | | | IM | IM | |
| 1895 | | | ⊙ | | | | | 1899-1891 1/2 - pyritized - crystals of pyrite on laminae |
| 1900 | | | ⊙ | | | | | laminar bedding 1900' - rings of limonite (Hiesegang) |
| 1905 | | | ⊙ | | | | | Cemented w/ Qtz, clay and sporadic calcite (weak) traces throughout the interval 1902 - very fine silt in clay drapes 1903 1/2 - limonite rings w/ pyrite (Hiesegang) 1 cm - 2 cm wide rings of limonite |
| 1910 | | | | | | | | |
| 1915 | | | | | | | | Possibly shale Gammie Ray log |
| 1920 | | | | | | | | |
| 1925 | | | | | | | | |
| 1930 | | | | | | | | |

12

⊙ - Pyrite
 S - weak bioturbation
 SS - moderate biot.

⊙ - rings of limonite

1" = 5'

MEASURED SECTION NO. C127 1130
 LOCALITY _____
 SETTING _____

DATE 3/7/91
 STRATIGRAPHIC UNIT _____
 MEASURED BY RPM & AV

| 1930 | SEDIMENTARY TEXTURES & STRUCTURES | | | INTERVAL | ROCK TYPE, CONTACTS & ACCESSORIES | SUP MAT SUB IM | TEXTURAL MATURITY | DESCRIPTIONS |
|------|-----------------------------------|------------|--------------|----------|-----------------------------------|-------------------------|----------------------|--|
| | GRAV | SAND | SILT CLAY | | | | | |
| | 64 4 | VCC M F VF | | | | | | |
| 1935 | | | X | | | | | Possibly Shale |
| 1940 | | | ~ | | | | | Micas (1-2%) fine & very fine ss cemented w/ clay & silica low angle laminar bedding with wavy x-bedding at 1941 1/2 |
| 1945 | | | ~ | | | | | oil stained ? □ = 1/2" x 1/4" |
| 1950 | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

SQUAW

1941.5
 1862.5
 - 783.5
 - 30
 53.5

~ - wood
 ~ - laminar x-bedding
 ~ - mica