REVISTA DE LA ACADEMIA
COLOMBIANA DE CIENCIAS
EXACTAS, FÍSICAS Y NATURALES

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# Supplementary Information

## Fossil leaves, woods, gastropods, and a crocodile tooth: Is the Amagá Formation worth exploring?

## Fósiles de hojas, maderas, gasterópodos y un diente de cocodrilo, ¿vale la pena explorar la Formación Amagá?

Andrés Cárdenas, José Daniel Giraldo, Daniel Monterrosa, Marion Weber

Andrés Cárdenas; acarde17@eafit.edu.co

# Contents

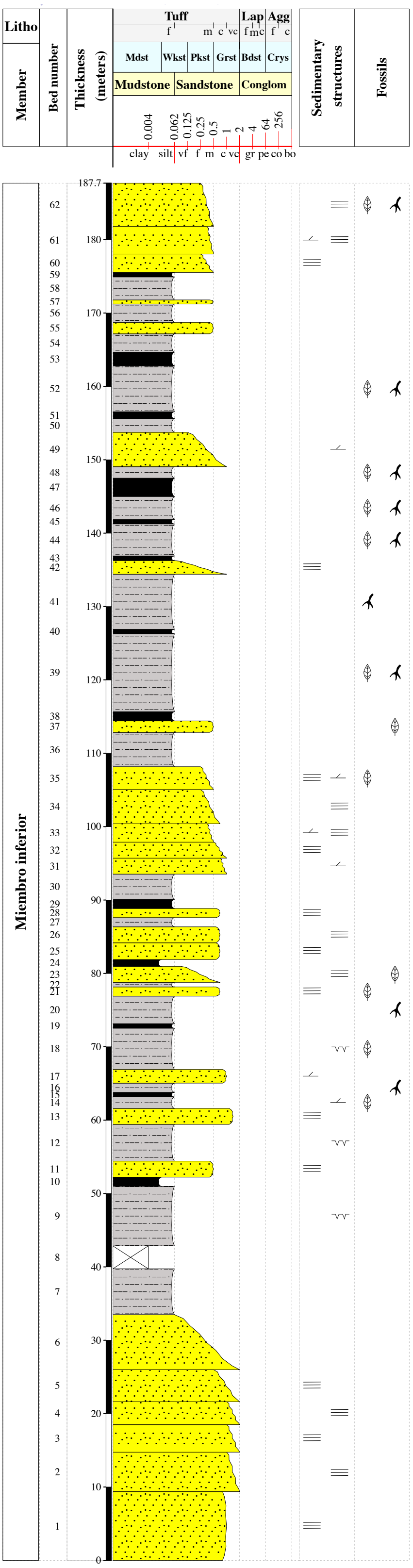


Henao, J. E. (2012). Estratigrafía y Petrografía de las Areniscas de la Secuencia Quebrada La Naranjala – Municipio de Fredonia Miembro Inferior de la Formación Amagá. Undergraduate Thesis. Universidad EAFIT. 61 pp.

Páez -Acuña, L. A. (2013). Análisis Estratigráfico y de Proveniencia del Miembro Superior de la Formación Amagá en los Sectores de La Pintada y Valparaíso (Cuenca Amagá, Andes Noroccidentales). Undergraduate Thesis. Universidad EAFIT. 165 pp.

Silva-Tamayo, J. C., Sierra, G. M., & Correa, L. G. (2008). Tectonic and climate driven fluctuations in the stratigraphic base level of a Cenozoic continental coal basin, northwestern Andes. *Journal of South American Earth Sciences*, 26(4), 369-382.

1a




**Locality**

**Name:** Sección Sinifana

**ID:**

**Units:**

**Scale:** 1 : 500

**Location**

**Latitude:**

**Longitude:**

**Elevation:**

**Country:** Colombia

**LEGEND**

**Dominant lithology**

- mudstone
- sandstone
- coal
- covered

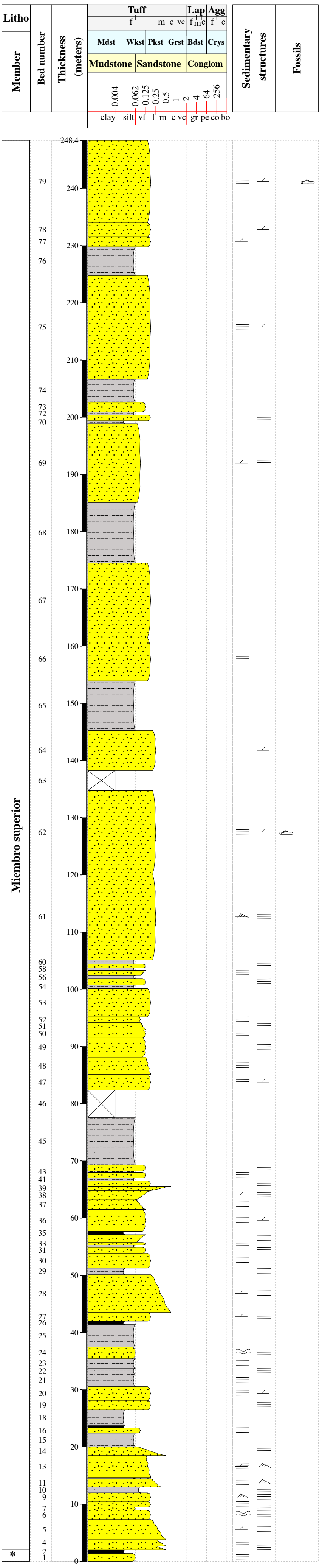
**Sedimentary structures**

- planar lamination
- cross bedding
- mudcracks

**Fossils**

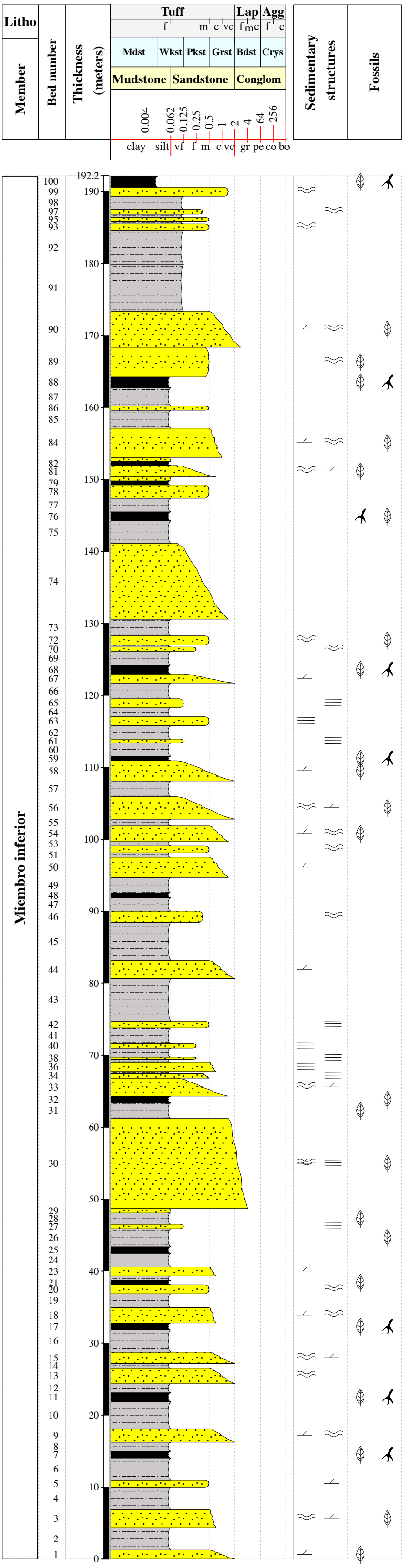
- leaves
- roots

1b




| Locality | LEGEND |
|---|---|
| **Name:** Cinco–Venecia | **Dominant lithology** |
| **ID:** | mudstone |
| **Units:** | sandstone |
| **Scale:** 1 : 500 | coal |
| **Location** | covered |
| **Latitude:** | **Sedimentary structures** |
| **Longitude:** | planar lamination |
| **Elevation:** | cross bedding |
| **Country:** Colombia | ripple lamination |
| | wavy lamination |
| | **Fossils** |
| | wood |

1c




**Locality**

**Name:** Sección Mina Palomos

**ID:**

**Units:**

**Scale:** 1 : 500

**Location**

**Latitude:**

**Longitude:**

**Elevation:**

**Country:** Colombia

**LEGEND**

**Dominant lithology**

- mudstone
- sandstone
- coal

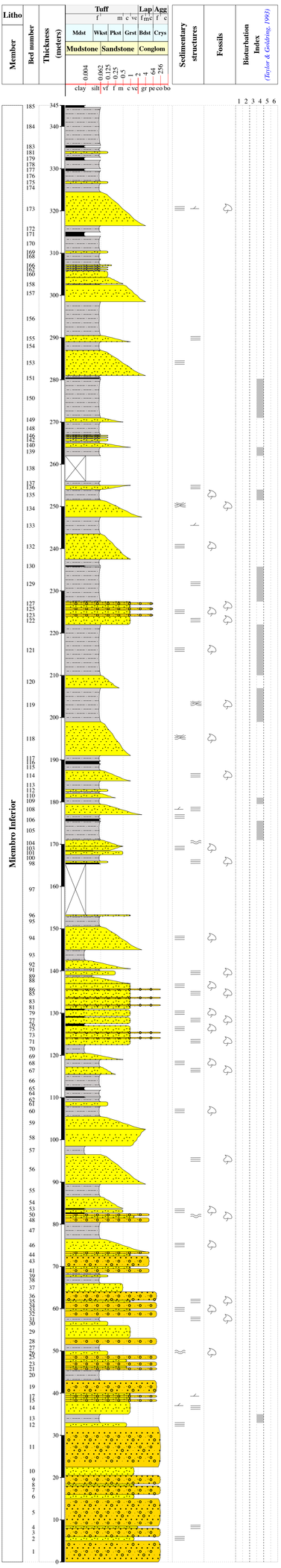
**Sedimentary structures**

- planar lamination
- cross bedding
- wavy lamination

**Fossils**

- leaves
- roots

1d




**Locality**
**Name:** La Naranjala
**ID:**
**Units:**
**Scale:** 1 : 500

**Location**
**Latitude:**
**Longitude:**
**Elevation:**
**Country:** Colombia

**LEGEND**

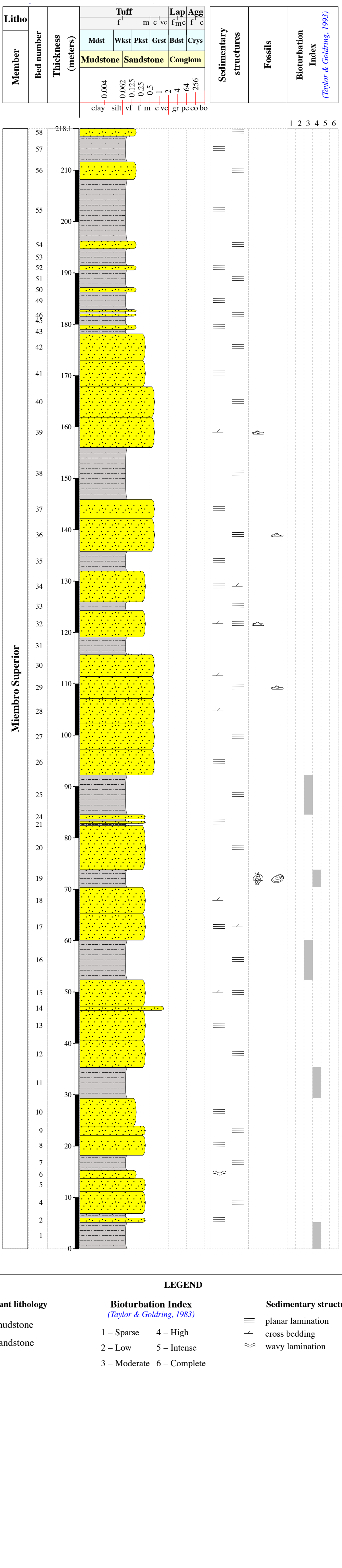
**Dominant lithology**
- mudstone
- sandstone
- conglomerate
- coal
- covered

**Bioturbation Index** *(Taylor & Goldring, 1983)*
1 – Sparse
2 – Low
3 – Moderate
4 – High
5 – Intense
6 – Complete

**Sedimentary structures**
- planar lamination
- cross bedding
- through cross bedding
- wavy lamination

**Fossils**
- plants

1e




**Locality**

**Name:** Quebrada Sabaletica

**ID:**

**Units:**

**Scale:** 1 : 500

**Location**

**Latitude:**

**Longitude:**

**Elevation:**

**Country:** Colombia

**LEGEND**

**Dominant lithology**

- mudstone
- sandstone

**Bioturbation Index**
*(Taylor & Goldring, 1983)*

1 – Sparse
2 – Low
3 – Moderate
4 – High
5 – Intense
6 – Complete

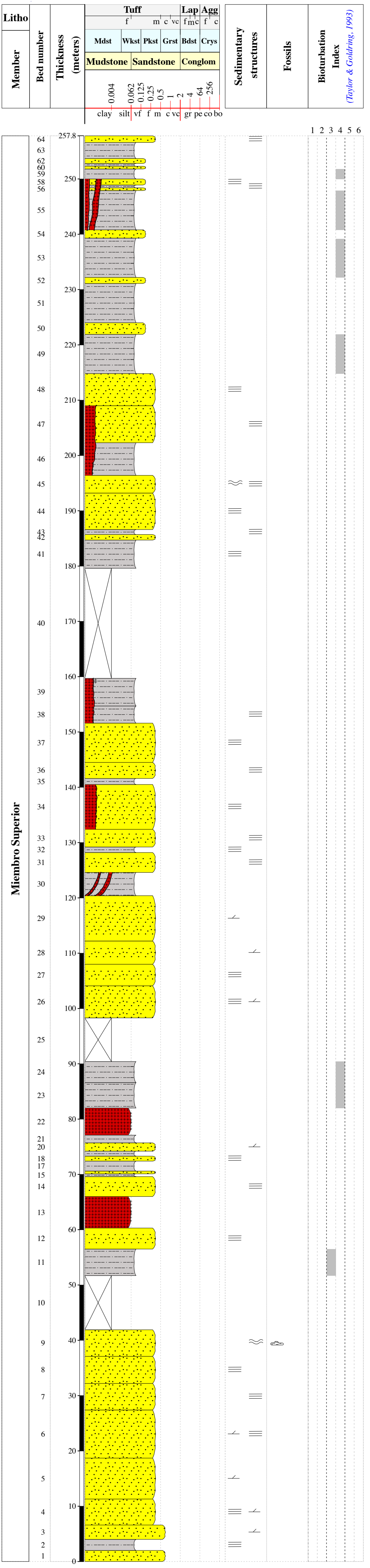
**Sedimentary structures**

- planar lamination
- cross bedding
- wavy lamination

**Fossils**

- gastropods
- bivalves
- plants
- wood

1f




**Locality**

**Name:** Quebrada Sabaleta
**ID:**
**Units:**
**Scale:** 1 : 500

**Location**

**Latitude:**
**Longitude:**
**Elevation:**
**Country:** Colombia

**LEGEND**

**Dominant lithology**

- mudstone
- sandstone
- andesite porphyry
- covered

**Bioturbation Index**
*(Taylor & Goldring, 1983)*

1 – Sparse
2 – Low
3 – Moderate
4 – High
5 – Intense
6 – Complete

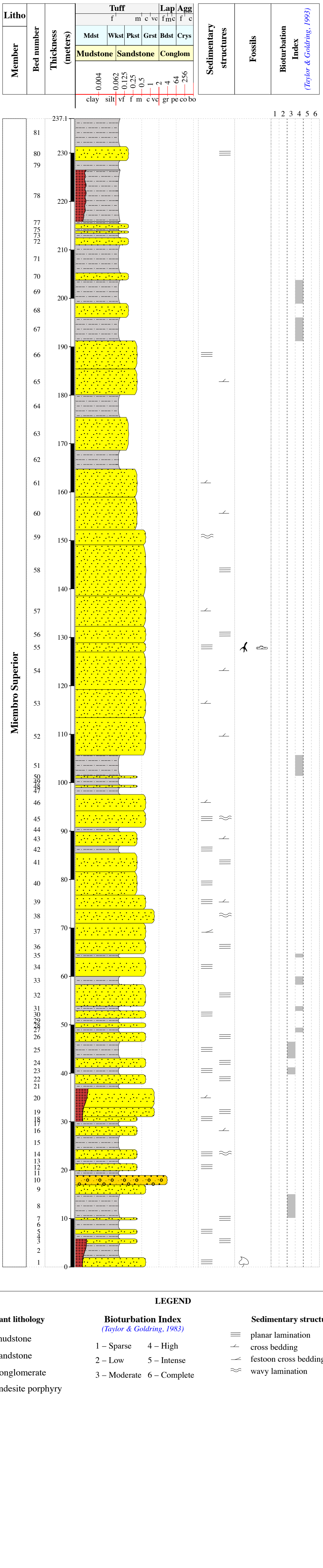
**Sedimentary structures**

- planar lamination
- cross bedding
- wavy lamination

**Fossils**

- wood

1g




**Locality**

**Name:** Quebrada Palmichala
**ID:**
**Units:**
**Scale:** 1 : 500

**Location**

**Latitude:**
**Longitude:**
**Elevation:**
**Country:** Colombia

**LEGEND**

**Dominant lithology**

- mudstone
- sandstone
- conglomerate
- andesite porphyry

**Bioturbation Index**
*(Taylor & Goldring, 1983)*

1 – Sparse
2 – Low
3 – Moderate
4 – High
5 – Intense
6 – Complete

**Sedimentary structures**

- planar lamination
- cross bedding
- festoon cross bedding
- wavy lamination

**Fossils**

- plants
- roots
- wood