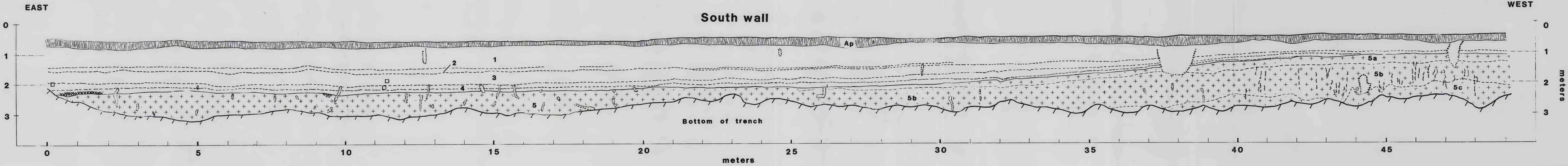


CRITTENDEN COUNTY FAULT ZONE TRENCH

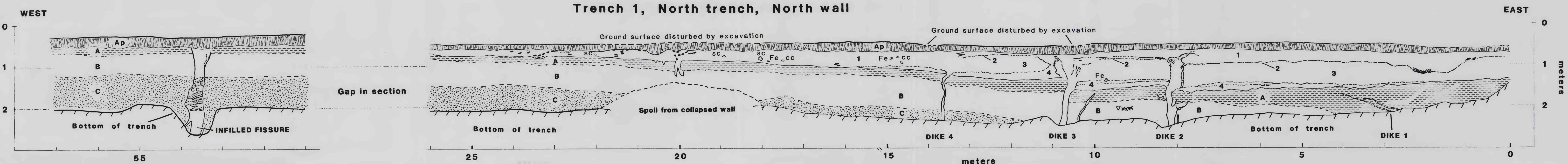
NW1/4SE1/4 sec. 22, T. 8 N., R. 7 E.,
Crittenden County, Arkansas



BOOTHEEL LINEAMENT TRENCHES

Jenkins site

NW1/4SW1/4 sec. 30, T. 17 N., R. 11 E.,
Pemiscot County, Missouri



EXPLANATION

(See text for description of units.
Vertical datum in each trench is arbitrary,
and trenches do not have a common datum.)

Crittenden County fault zone trench

- Ap Unit Ap—Plowed zone
- 1-4 Units 1-4
- 5a, 5b, 5c Unit 5 (a, b, c)

Contact—Solid where boundary between major units is sharp; dashed where boundary is gradational. Dashed contacts within major units define subunits

Sediment altered by undetermined biological processes

Roots—Solid lines, modern root systems; dotted outline, decayed roots and sediment-filled root molds; patterned areas, diffuse root systems

Bootheel lineament trenches

- Ap Unit Ap—Plowed zone
- 1-4 Units 1-4
- A Unit A
- B Unit B
- C Unit C
- Pebbles (p), iron-oxide concretions (Fe), and sand (sc) and clay (cc) clasts
- Finely laminated sediment
- Human artifact
- Sample locality
- Charcoal fragments
- Lignite fragments

PALEOSEISMIC STUDIES OF THE BOOTHEEL LINEAMENT, SOUTHEASTERN MISSOURI, AND THE CRITTENDEN COUNTY FAULT ZONE, NORTHEASTERN ARKANSAS, NEW MADRID SEISMIC ZONE, CENTRAL UNITED STATES

By

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