

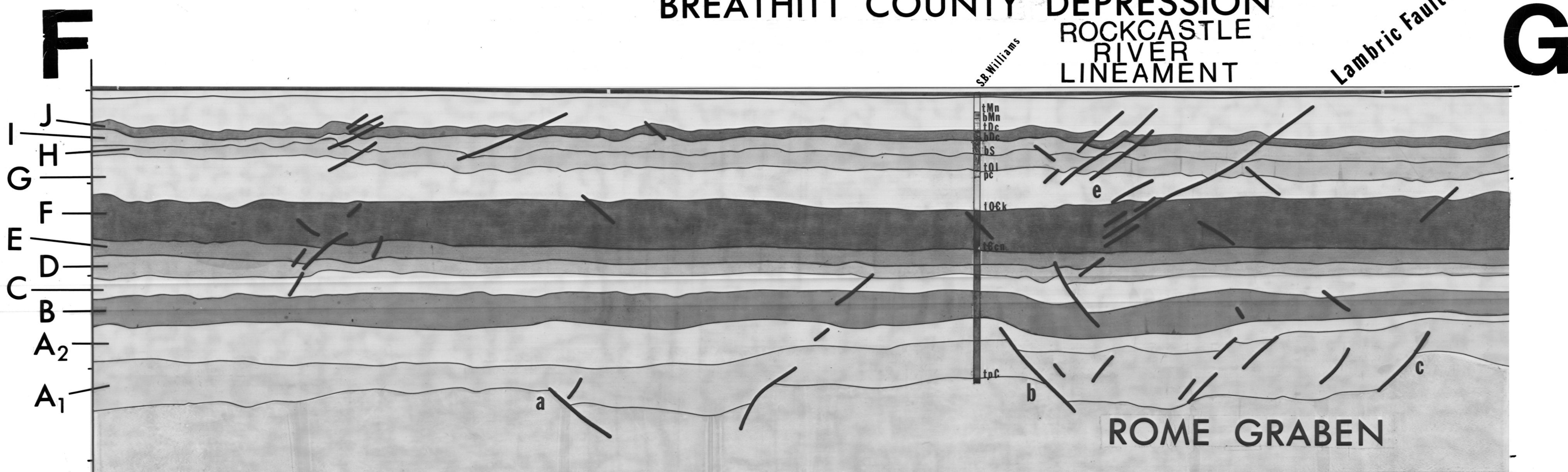
APPALACHIAN BASIN

EASTERN KENTUCKY SYNCLINE

BREATHITT COUNTY DEPRESSION

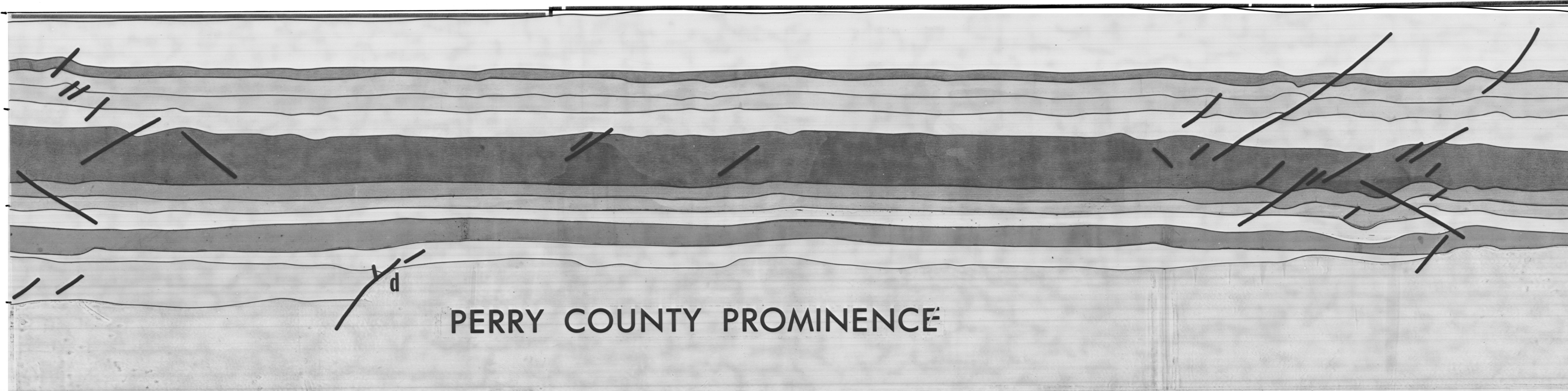
ROCKCASTLE RIVER LINEAMENT

Lambric Fault(?)



ROME TROUGH

G **SOUTHEASTERN KENTUCKY UPLIFT** →



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

TECTONIC EVOLUTION IN CENTRAL AND EASTERN KENTUCKY
BY DOUGLAS F.B. BLACK

1989

Plate 8. Seismic sections FGH include: The Rome Graben, Perry County Prominence, and related faults that reflect extension in Cambrian time; the Breathitt County Depression and Southeastern Kentucky Uplift forming the northwest and southeast limbs of the Eastern Kentucky Syncline; and the intervening Rockcastle River Lineament, where a zone of backthrusts and reversal of the dip of Carboniferous rocks to the south record flexure along its strike.