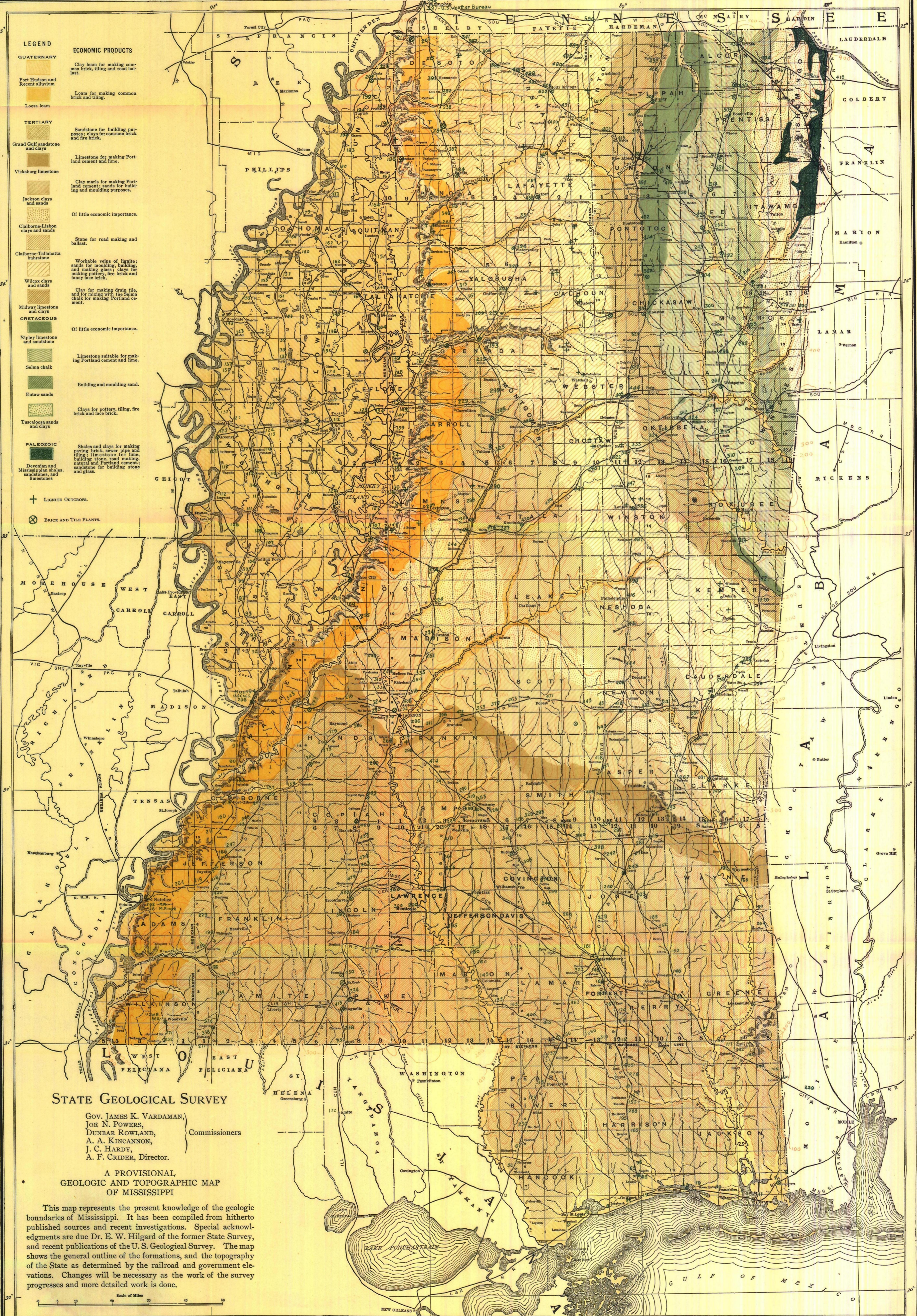


**LEGEND**

- QUATERNARY**  
Port Hudson and Recent alluvium  
Loess loam
- TERTIARY**  
Grand Gulf sandstone and clays  
Vicksburg limestone  
Jackson clays and sands  
Clalborne-Libson clays and sands  
Clalborne-Tallahatta burlstone  
Wilcox clays and sands  
Midway limestone and clays
- CRETACEOUS**  
Ripley limestone and sandstone  
Selma chalk  
Eutaw sands  
Tuscaloosa sands and clays
- PALEOZOIC**  
Devonian and Mississippian shales, sandstones, and limestones

- ECONOMIC PRODUCTS**  
Clay loam for making common brick, tiling and road ballast.  
Loam for making common brick and tiling.  
Sandstone for building purposes; clays for common brick and fire brick.  
Limestone for making Portland cement and lime.  
Clay marls for making Portland cement; sands for building and moulding purposes.  
Of little economic importance.  
Stone for road making and ballast.  
Workable veins of lignite; sands for moulding, building, and making glass; clays for making pottery, fire brick and fancy face brick.  
Clay for making drain tile, and for mixing with the Selma chalk for making Portland cement.  
Of little economic importance.  
Limestone suitable for making Portland cement and lime.  
Building and moulding sand.  
Clays for pottery, tiling, fire brick and face brick.

- + LIGNITE OUTCROPS.  
⊗ BRICK AND TILE PLANTS.



**STATE GEOLOGICAL SURVEY**  
Gov. JAMES K. VARDAMAN,  
JOE N. POWERS,  
DUNBAR ROWLAND,  
A. A. KINCANNON,  
J. C. HARDY,  
A. F. CRIDER, Director.  
Commissioners

**A PROVISIONAL  
GEOLOGIC AND TOPOGRAPHIC MAP  
OF MISSISSIPPI**

This map represents the present knowledge of the geologic boundaries of Mississippi. It has been compiled from hitherto published sources and recent investigations. Special acknowledgments are due Dr. E. W. Hilgard of the former State Survey, and recent publications of the U. S. Geological Survey. The map shows the general outline of the formations, and the topography of the State as determined by the railroad and government elevations. Changes will be necessary as the work of the survey progresses and more detailed work is done.

