U.S. GEOLOGICAL SURVEY.
J.W. POWELL, DIRECTOR.

ECONOMIC GEOLOGY

TENNESSEE
CHATTANOOGA SHEET

(Mc Minnville) (Pikeville) (Kingston)

85°30' 20' A 10' 85°30'

B 20' C 10' Dc

(Sewanee) (Cleveland)

35°30' 85°30' 20' 10' 35°30'

(Stevenson) (Ringgold) (Dalton)

BLEDSOE

SEQUATCHIE

HAMILTON

MEIGS

RHEA

WALDEN RIDGE

CUMBERLAND TABLE MOUNTAIN

TENNESSEE RIVER

LOOKOUT MOUNTAIN

WHITE OAK MOUNTAIN

Cagle · Pikeville · Pitt Gap · Brayton · Killian Gap · Mt Airy · Dayton · Graysville · Coulterville · Rock Creek · Retro · Rathburn · Green Pond · Normah Store · Blue Spring · Daisy · Melville · Dunlap · Henson Gap · Jack Gap · Anderson Gap · Sunnyside · Shirleyton · Bender Gap · Kelner Gap · Shelton Gap · Fair Mount · Dallas · Snow Hill · Mahan Gap · Hickson · Harrison · Johnson Gap · Stanley · Williams Island · King Point · East Chattanooga · Tyner · Ooltewah · Mc Daniel Gap · Chickamauga · Julian Gap · Grandstone Mt · Mc Gaha Mines · Aetna Mines · Lookout Point · Wauhatchie · Elmo · CHATTANOOGA

BUILDING STONE · BLAST FURNACE · FLUX · LIME · COAL · IRON · ROAD STONE · BUILDING AND ROADSTONE

DOUGHTY FERRY · McALLY FERRY · ELDRIDGE LANDING · BLYTHE FERRY · IGOU FERRY · HARRISON FERRY · BROWN FERRY · KELLY FERRY

Henry Gannett, Chief Geographer.
Gilbert Thompson, Geographer in charge.
Triangulation by S.S. Gannett.
Topography by E.M. Pearson. L.Nell and M.Hackett.
Surveyed in 1884-5-6.

Hackett · Pearson · Nell

Scale 1:125,000
0 1 2 3 4 5 6 Miles

Contour Interval 100 feet
Edition of July 1893.

G.K. Gilbert, Chief Geologist
Bailey Willis, Geologist in Charge
Geology by C. Willard Hayes
Surveyed in 1888-9

LEGEND

SEDIMENTARY

CARBONIFEROUS

- Cw — Walden sandstone (contains coal beds, two or more generally workable)
- Cl — Lookout sandstone (contains two or more coal beds, locally workable)
- Cb — Bangor limestone
- Cf — Floyd shale
- Cp — Fort Payne chert

DEVONIAN

- Dc — Chattanooga black shale

SILURIAN

- Sr — Rockwood formation (contains one or more beds of red fossil iron ore generally workable)
- Sc — Chickamauga limestone (building stone)
- Sk — Knox dolomite

CAMBRIAN

- Cc — Connasauga shale
- Cr — Cre sandstone — Rome formation
- Ca — Apison shale

Faults

Sections

Mines and Quarries

Known productive formations

- *Coal*
- *Red fossil iron ore*