

U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STRUCTURE-SECTION SHEET

VIRGINIA - WEST VIRGINIA
MONTEREY QUADRANGLE

LEGEND

SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Cbw Cbw

XII Blackwater formation
(conglomerate, sandstone, and shales containing thin coal seams locally workable)

Ccn Ccn

XI Canaan formation
(red and green shales and green sandstone)

Cgr Cgr

X Greenbrier limestone
(limestone, shale, and sandstone)

Cpo Cpo

X Pocahontas sandstone
(gray sandstone, in places conglomerate)

Dh Dh

IX Hampshire formation
(shale and sandstone mostly red)

Dj Dj

VIII Jennings formation
(gray shale and buff shale and gray sandstone)

Dr Dr

Romney shale
(dark shale with thin iron-stone beds near the base)

SDm SDm

VII Monterey sandstone

Sl Sl

VI Lewistown limestone
(limestone including at the top cherty limestone, and at the base shales and impure limestone with thin beds of coarse rock)

Sr Sr

V Rockwood formation
(thin sandstone at the top, shales with iron ore below)

Scn Scn

IV Cacapon sandstone

Stc Stc

Tuscarora quartzite

Sj Sj

Subdivisions of Mississippian sandstone
Junata formation
(red sandstone and shale)

Smb Smb

III Martinsburg shale
(gray shale with sandy beds at the top)

CSa CSa

Shenandoah limestone

IGNEOUS ROCKS

SHEET SYMBOL SECTION SYMBOL

bs bs

Basalt
(alkali)

gf gf

Granite-felsophyre
(alkali)

Faults

Known productive formations

Sr

Iron
(thin bands of hematite iron ore, black ore, the Rockwood formation)

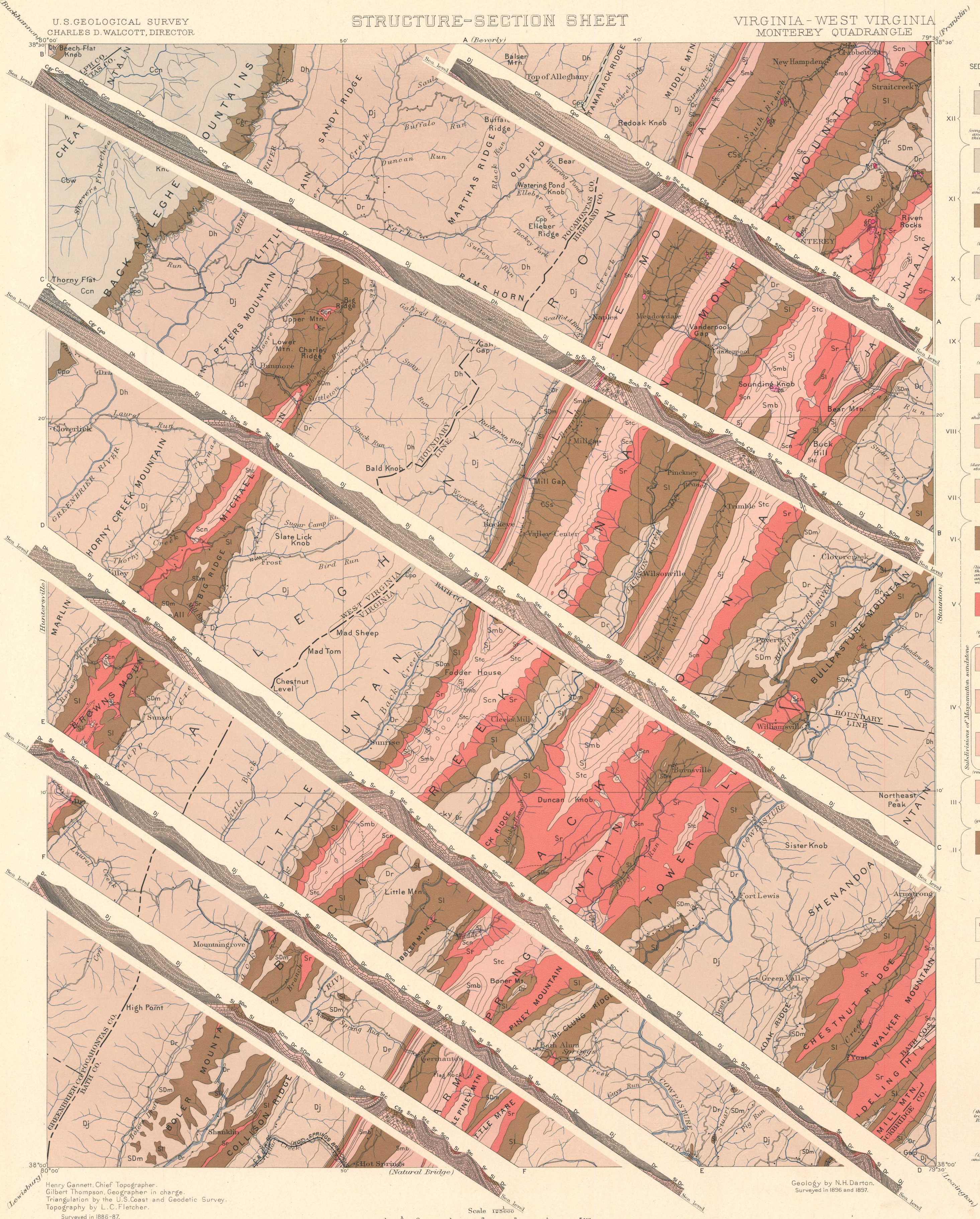
Limestone
(Greenbrier, Lewistown, and Shenandoah limestone formations)

CARBONIFEROUS

DEVONIAN

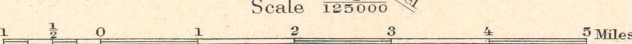
SILURIAN

JURATRIAS ?



Henry Gannett, Chief Topographer.
Gilbert Thompson, Geographer in charge.
Triangulation by the U.S. Coast and Geodetic Survey.
Topography by L. C. Fletcher.
Surveyed in 1886-87.

Geology by N.H. Darton.
Surveyed in 1896 and 1897.



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