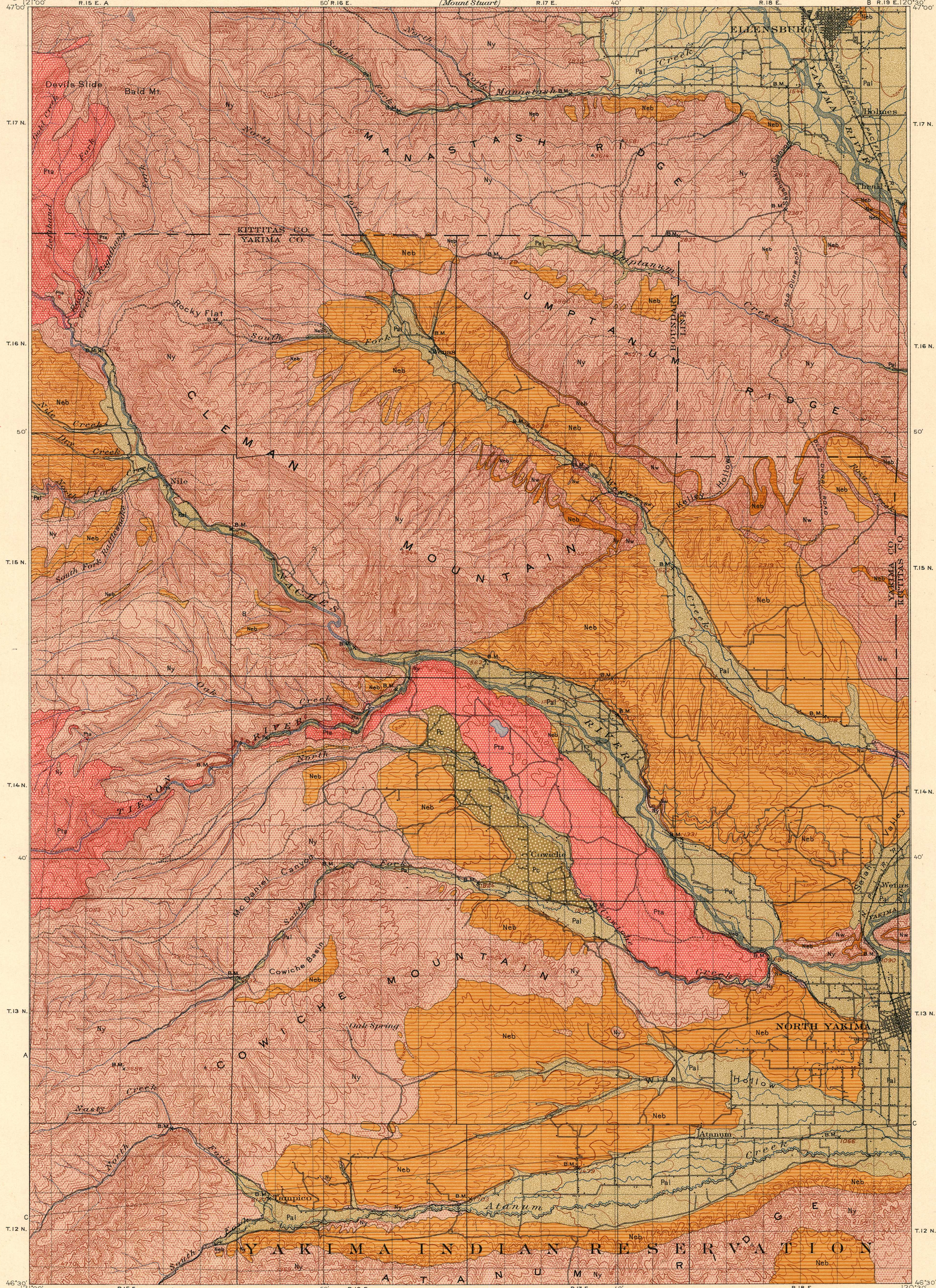


(Supplement)
4760

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

AREAL GEOLOGY SHEET

WASHINGTON
ELLENSBURG QUADRANGLE



LEGEND

SURFICIAL ROCKS
(Areas of Surficial rocks are shown by patterns of dots and circles)

- Pal Valley alluvium (fine river silt and sand, with gravel near the larger streams)
- Pc Cowiche gravels (coarse gravel and sand with covering of silt forming terraces produced by dammed streams)

PLEISTOCENE

SEDIMENTARY ROCKS
(Areas of Sedimentary rocks are shown by patterns of parallel lines)

- Neb Ellensburg formation (flowable deposits of stratified silts, sands, and gravels of volcanic material, locally indurated, surface beds in part overlain by Wasco basalt)

MIOCENE

NEOCENE

IGNEOUS ROCKS
(Areas of igneous rocks are shown by patterns of triangles and rhombs)

- Pta Tieton andesite (flows of lava with associated agglomerate, covering old valleys)

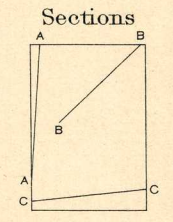
PLEISTOCENE

- Nw Wenas basalt (lava flows interbedded with Ellensburg formation)
- Ny Yakima basalt (extensive series of lava flows and associated tuffs)

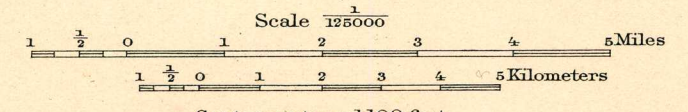
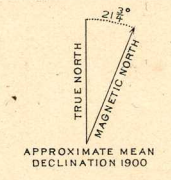
MIOCENE

NEOCENE

Faults



R. U. Goode, Geographer in charge.
Triangulation by S.S. Gannett and A.H. Sylvester.
Topography by A.E. Murlin.
Surveyed in 1899.



Contour interval 100 feet.
Datum is mean sea level.
Edition of Nov. 1902.

Geology by George Otis Smith and F.C. Calkins.
Surveyed in 1900.