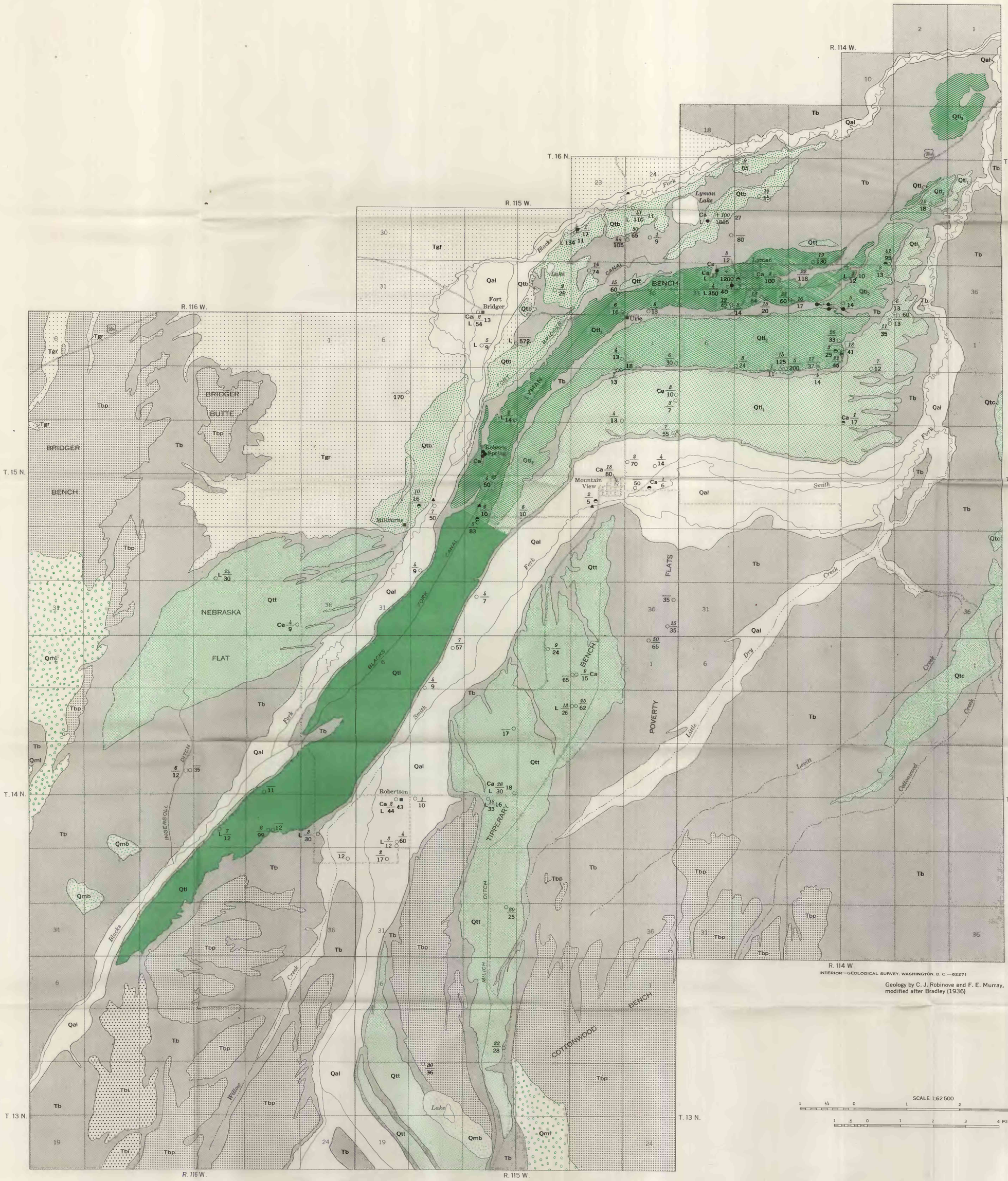

Base prepared from township plats of the Bureau of Land Management and from aerial photographs

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62271

Geology by C. J. Robinove and F. E. Murray, modified after Bradley (1936)

SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 KILOMETERS

EXPLANATION

QUATERNARY

Pleistocene and Recent

Qal — Alluvium
Gravel, sand, and silt along stream valleys. Capable of yielding small to moderate quantities of water

Qmb — Moraine deposits of the Blacks Fork glacial stage
Glacial debris consisting of poorly sorted silt, sand, and gravel containing large boulders derived from the Uinta Mountains. Water-bearing properties not known

Qml — Moraine deposits of the Little Dry glacial stage
Glacial debris consisting of silt, sand, and gravel containing large boulders derived from the Uinta Mountains. Water-bearing properties not known

Qtc — Terrace deposits along Cottonwood Creek
Sand, gravel, and silt of limited extent and thickness. Water-bearing properties not known

Qtb — Terrace deposits along Blacks Fork
Sand, gravel, and silt underlying minor terraces. Capable of yielding small quantities of water

Qtl₁ Qtl₂ Qtl₃ Qtl — Terrace deposits underlying Lyman Bench and adjacent terraces
Qtl, *single terrace deposit representing* Qtl₁, Qtl₂, Qtl₃; Qtl₁, *lowest terrace deposit;* Qtl₂, *intermediate terrace deposit;* Qtl₃, *highest terrace deposit. Sand, gravel, and silt. Capable of yielding small to moderate quantities of water*

Qtt — Terrace deposits underlying Tipperary Bench and Nebraska Flat
Sand, gravel, and silt. Capable of yielding small quantities of water

TERTIARY

Miocene(?)

Tbp — Browns Park Formation
Conglomerate and sandstone. Basal conglomerate only present in report area. Lies upon Bear Mountain erosion surface. Probably capable of yielding small quantities of water where saturated

Tbl — Bishop Conglomerate
Conglomerate and sandstone. Lies upon Gilbert Peak erosion surface. May be capable of yielding small quantities of water where saturated

Eocene

Tb — Bridger Formation
Green to gray shale and siltstone; tuffaceous sandstone and some limestone. Capable of yielding small quantities of water

Tgr — Green River Formation
Laney Shale and Wilkins Peak Members, undifferentiated
Thin-bedded, drab sandstone, siltstone, and mudstone, paper shale, and some thin limestone beds. Capable of yielding small to moderate quantities of water

Contact
Dashed where approximately located

Ca / L ○ 2/44 25
Domestic or stock well
Upper number is depth to water, in feet, below land surface. Lower number is depth of well, in feet, below land surface. Number at side is thickness of alluvial or terrace deposits, in feet, at well site
Ca, *chemical analysis of water*
L, *log of well in table of well logs*

Irrigation well

Public-supply well

Flowing well

Observation well
Depth to water measured periodically

Spring

Surface-water sampling point

MAP OF THE LYMAN-MOUNTAIN VIEW AREA, UINTA COUNTY, WYOMING, SHOWING GEOLOGY, DEPTH TO WATER (1957), AND LOCATION OF WELLS AND SPRINGS