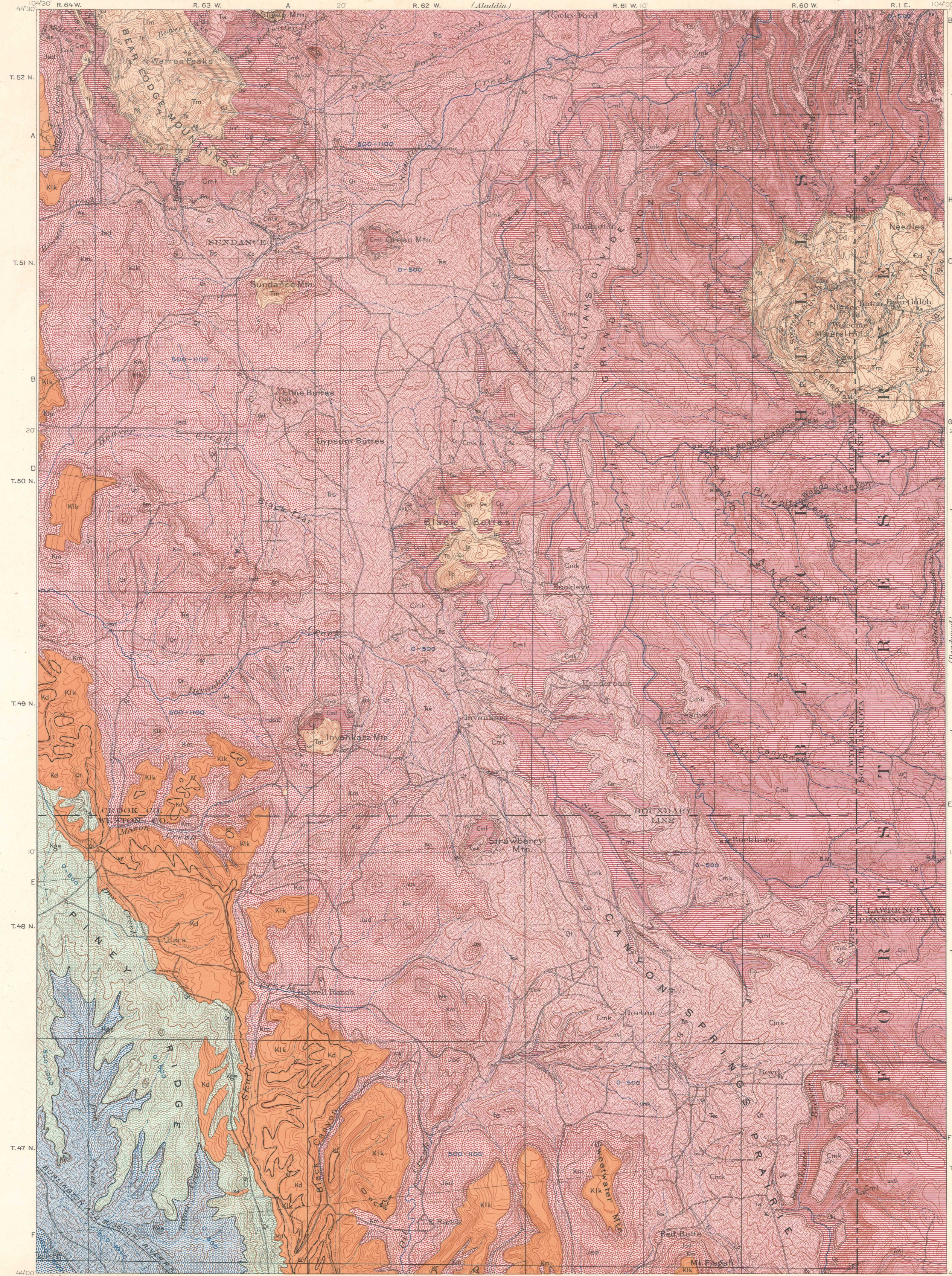


(Devils Tower)

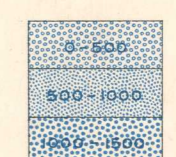
U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

ARTESIAN WATER

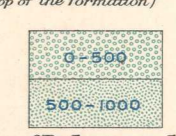
WYOMING - SOUTH DAKOTA
SUNDANCE QUADRANGLE



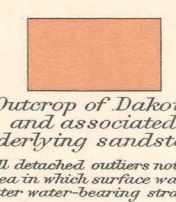
LEGEND



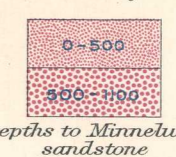
Area of Dakota sandstone which will probably yield flowing wells (depth to top of Dakota sandstone indicated by pattern. Flowing water may be expected from 20 to 200 feet below the top of the formation.)



Area of Dakota sandstone which will probably yield pumping wells (depth to top of Dakota sandstone indicated by pattern.)



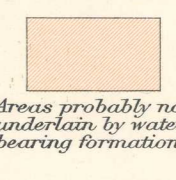
Outcrop of Dakota and associated underlying sandstones (small detached outcrops not shown; areas in which surface waters enter water-bearing strata.)



Depths to Minnelusa sandstone (from which flowing water may probably be obtained in valleys where it may probably also be had from underlying Dakota limestone, 500 to 1000 feet deeper.)



Outcrop of Minnelusa sandstone and Pahasapa limestone (areas in which surface waters enter water-bearing strata.)

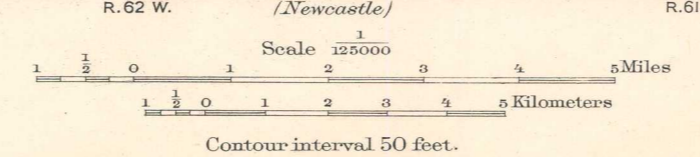
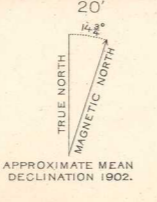


Areas probably not underlain by water-bearing formations

Note: Geologic boundary lines and letter symbols explained on local Geology map.

Henry Gannett, Chief Topographer.
Jno. H. Renshaw, Topographer in charge.
Control by W. S. Post.
Topography by H. S. Wallace and W. H. Herron.
Surveyed in 1894 and 1899.

Wallace
1894
Herron
1899



Contour interval 50 feet.
Datum is mean sea level.
Edition of Nov. 1905

DIAGRAM OF TOWNSHIP

6 15 4 3 2 1 1
7 15 9 10 11 12
18 17 16 15 14 13
19 20 21 22 23 24
30 29 28 27 26 25
31 32 33 34 35 36

Geology by N.H. Darton,
assisted by W.S. Tangier Smith.
Surveyed in 1900-1903.

(Honey Peak)