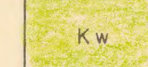


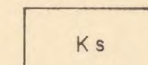
Alluvium

Stratified sand, silt, and gravel deposits; includes some coarse unsorted flood deposits in the canyons



Wahweap Formation

Mostly olive-gray claystone and mudstone alternating with beds of grayish-orange medium-grained sandstone. Sandstone beds increase in number and are dark yellowish gray 500 feet above base; very lenticular and have concretionary appearance near base. Only lower 700 feet of the 1,000-foot-thick formation exposed



Straight Cliffs Sandstone

Grayish-orange, tan, and light-gray fine- to medium-grained sandstone that forms massive cliffs, interbedded with gray shale, carbonaceous shale, siltstone, and coal. Some of the more persistent sandstones nearly to top of formation are marine and the interbedded rocks are commonly non-marine. The two main coal zones are about 1,100 and 600 feet above base of formation. Total thickness about 1,500 feet



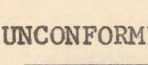
Tropic Shale

Olive-gray shale; a few thin beds of grayish-orange fine-grained sandstone in upper half, become more prominent in upper 100 feet; some thin beds of bentonite and limestone concretions near base. Total thickness about 700 feet



Dakota Formation

Grayish-orange sandstone beds interbedded with light-olive-gray shale in upper half; coal beds at some places in about middle of formation; brownish-black carbonaceous claystone, shale, and siltstone and some beds of grayish-orange sandstone in lower part; at some places conglomerate is present at base. Total thickness about 140 feet



UNCONFORMITY

Morrison Formation

Mostly massive light-gray fine-grained sandstone, some interbedded greenish-gray and reddish-brown shale; upper part is conglomeratic sandstone. Total thickness about 130 feet, but only upper conglomeratic sandstone exposed

(10)

Coal bed

Dashed where inferred; number refers to coal section shown on sheet 2

Clinker of burned coal bed

Approximately located

Contact

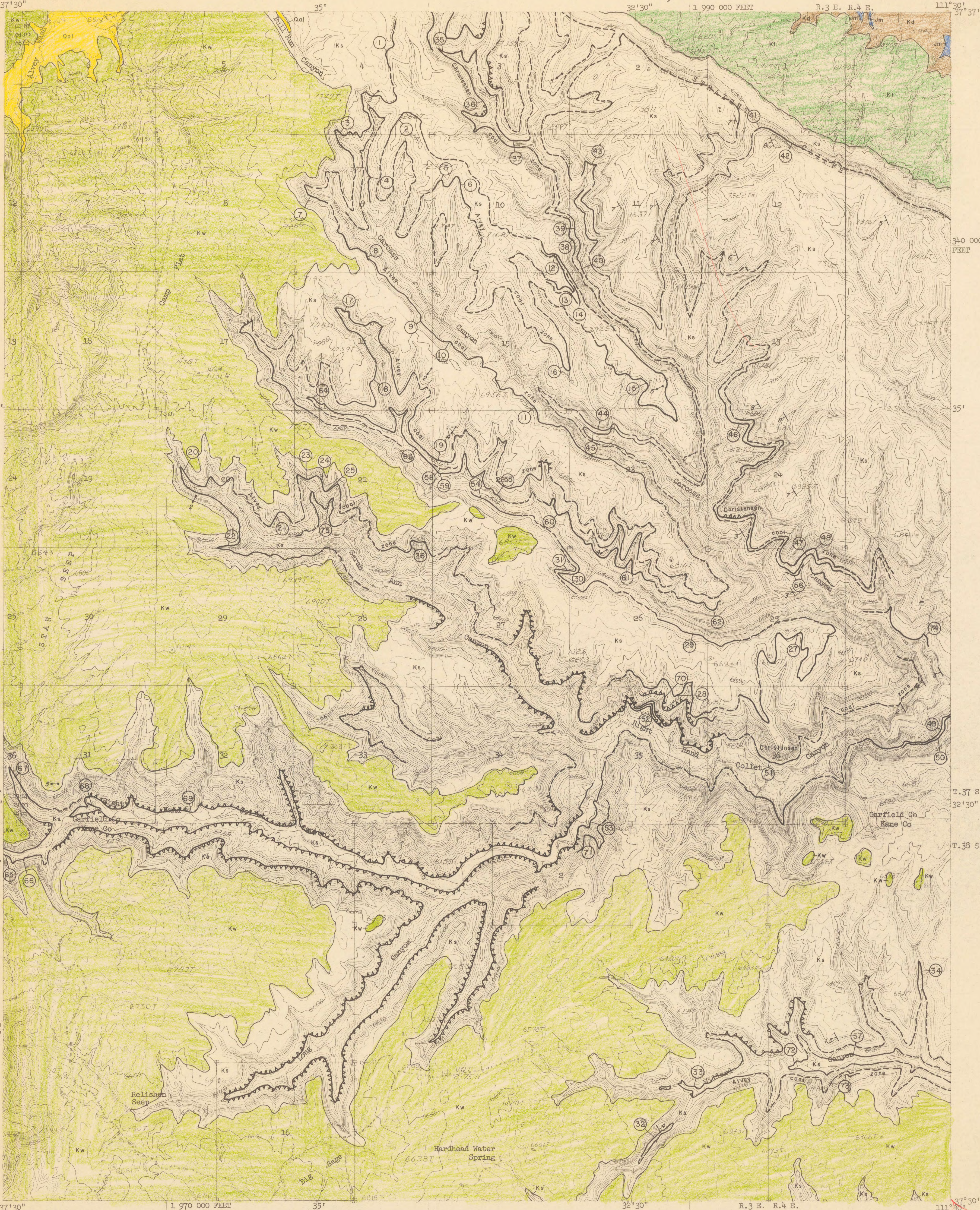
Approximately located

1

Strike and dip of beds

2

Apparent dip



Base map by U.S. Geological Survey, preliminary edition, 1964

Mapped by Pacific Area, Geological Survey

This is an unedited copy of an original manuscript including field additions made in 1964

SCALE 1:24000

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

U. S. Geological Survey
OPEN FILE REPORT
This map is preliminary
and has not been edited or reviewed for
conformity with Geological Survey
standards or nomenclature.

Geology mapped in 1966

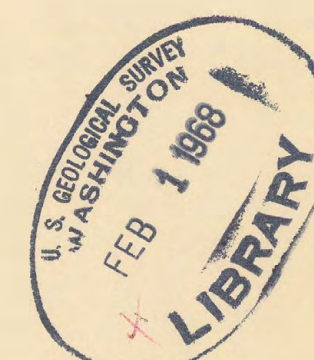
CARCASS CANYON, UTAH

PRELIMINARY GEOLOGIC MAP OF THE CARCASS CANYON QUADRANGLE, GARFIELD AND KANE COUNTIES, UTAH

By
Howard D. Zeller
1967

Utah (Carcass Canyon quad.) Geol. 1:24,000. 1967.

Sheet 1,
cop. 1.



M(200)
R290
no. 68-338
Sheet
1 of 2
c. 1

