OPEN-FILE REPORT
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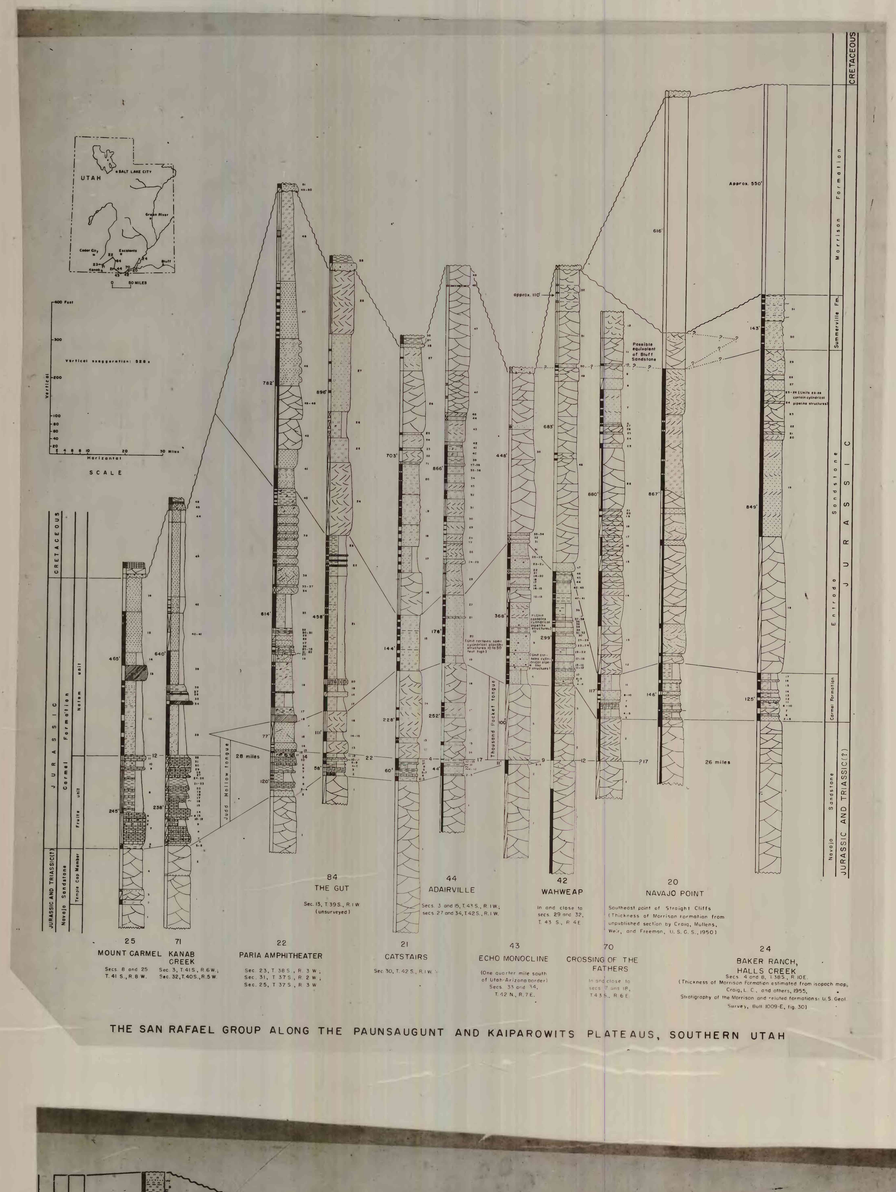
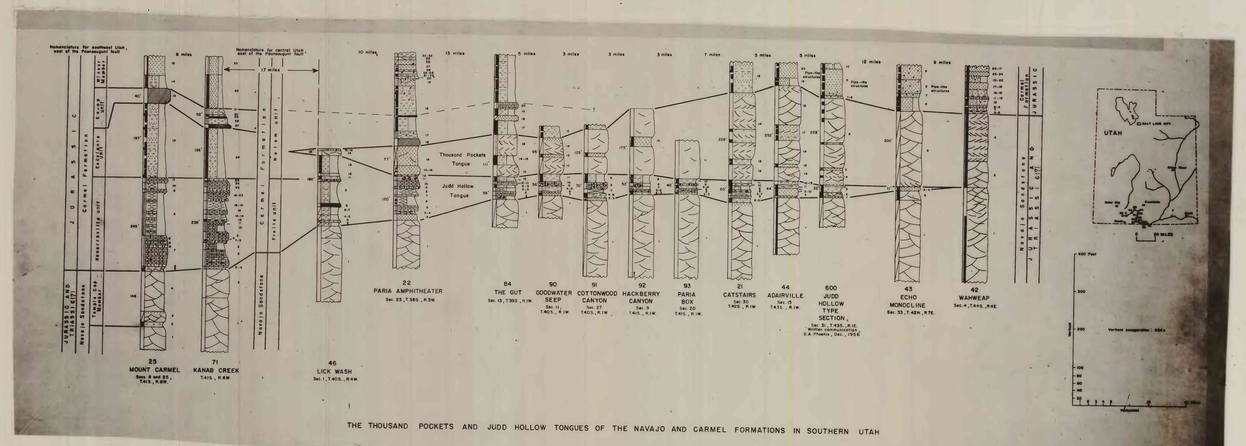


THE SAN RAFAEL GROUP ALONG THE PAUNSAUGUNT AND KAIPAROWITS PLATEAUS, SOUTHERN UTAH



THE THOUSAND POCKETS AND JUDD HOLLOW TONGUES OF THE NAVAJO AND CARMEL FORMATIONS IN SOUTHERN UTAH

EXPLANATION

- Sandstone, wedging sets of crosebeds; size of symbol indicates relative size of cross-strata
- Sandstone, tabular sheets of cross-strata
- Sandstone, flat-bedded
- Sandstone, conglomeratic
- Siltstone
- Mudstone, claystone, shale
- Limestone
- Limestone, oolitic
- Lime-pebble conglomerate
- Gypsum and anhydrite
- Coal
- Chert
- Calcareous
- Gypsiferous
- Clayey
- Sandy
- Covered
- Poorly exposed
- Unconformity
- G Glauconite
- Ripple marks
- e Marine invertebrate fossils
- Number beside column indicates unit in measured section

- White and very light tints (any Color Value, 9, or Rock Color Chart; also N8)
- Pale-orange, tan (Hue YR of Value 8 or 7)
- Brown (Hue YR of Value 6 through 3)
- Pale yellow or green, yellowish-gray, and light gray (Hues Y, GY, G, or BG of Value 8 or 7; also N7)
- Yellow, green, gray (Hues Y, GY, G, or BG of Value 6 through 3; also N6 and N5)
- Dark gray, black (N4 through N1; any Value 1 or 2 of all Hues, except R2, RP2, and P2)
- Purple, dark red
- Moderate red
- Pink, light red

The graphic sections presented here were all compiled prior to 1980 and are based on fieldwork from 1956 to 1958 and upon other cited work. Stratigraphic columns referenced only by name and number refer to the written measured sections soon to be released as U.S. Geological Survey Open-file Reports. Other publications resulting from this work are listed in the references.

The report has been delayed because of other commitments of the authors and the untimely death of J. C. Wright. The sections are released at this time because of the renewed interest in the economic potential of Jurassic rocks. No attempt was made to update the cross sections and some names used are preliminary field terminology. The formal nomenclature and correlation of Jurassic rocks has been subjected recently to considerable revision. The interested reader is referred to reports by Peterson and Pipiringos (in press), Pipiringos and O'Sullivan (in press), and O'Sullivan (1980).

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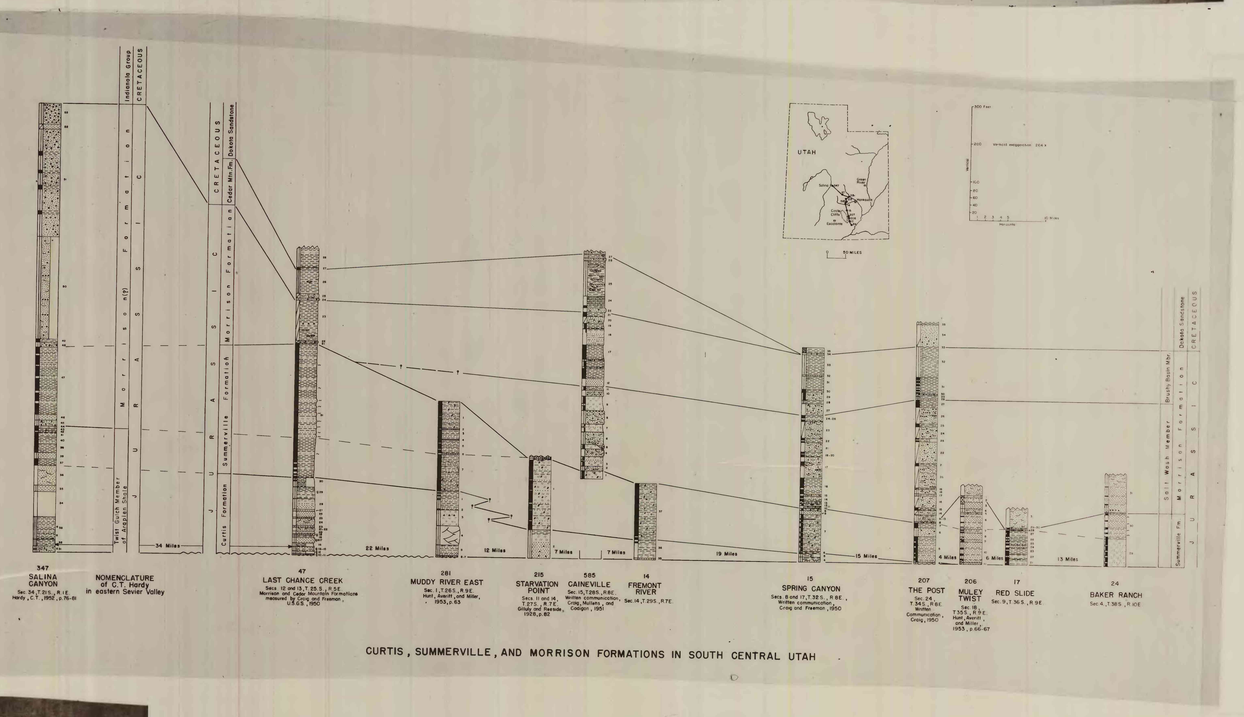
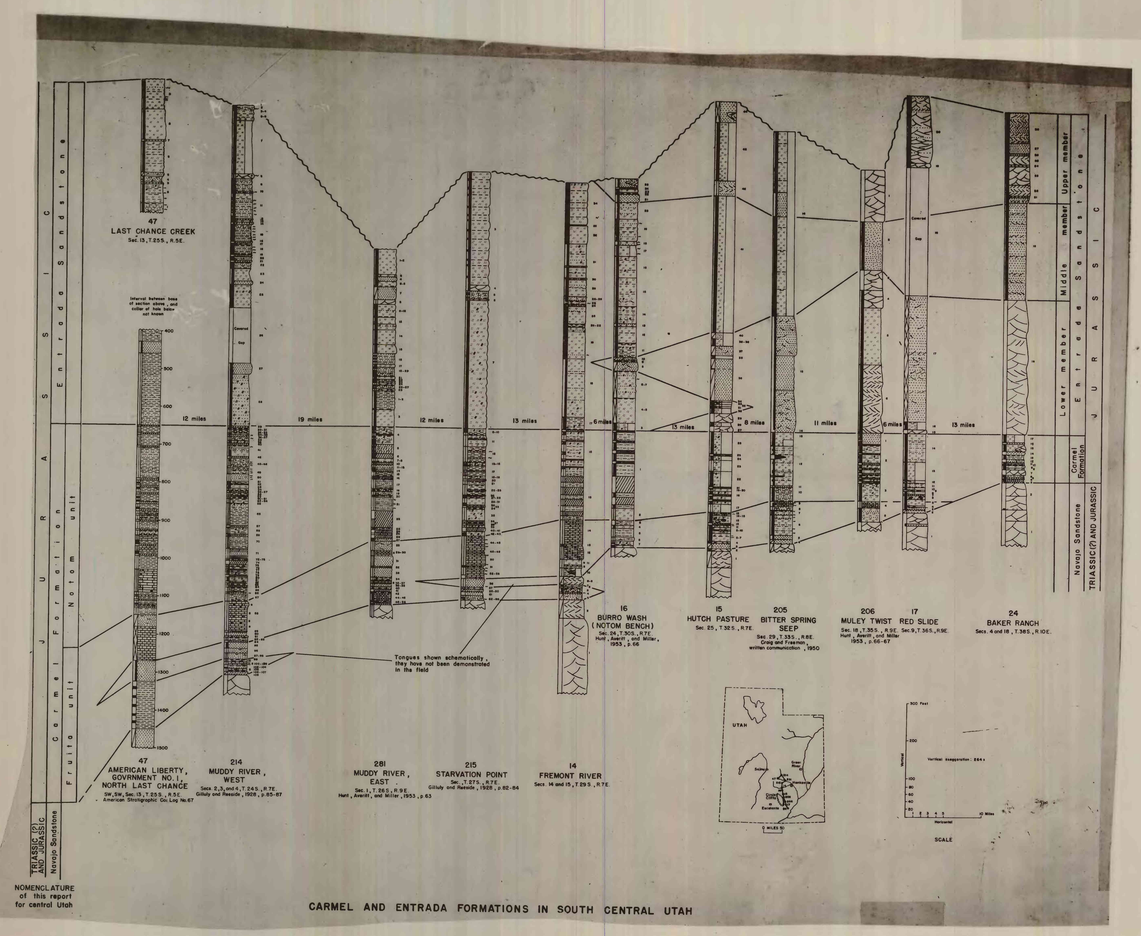
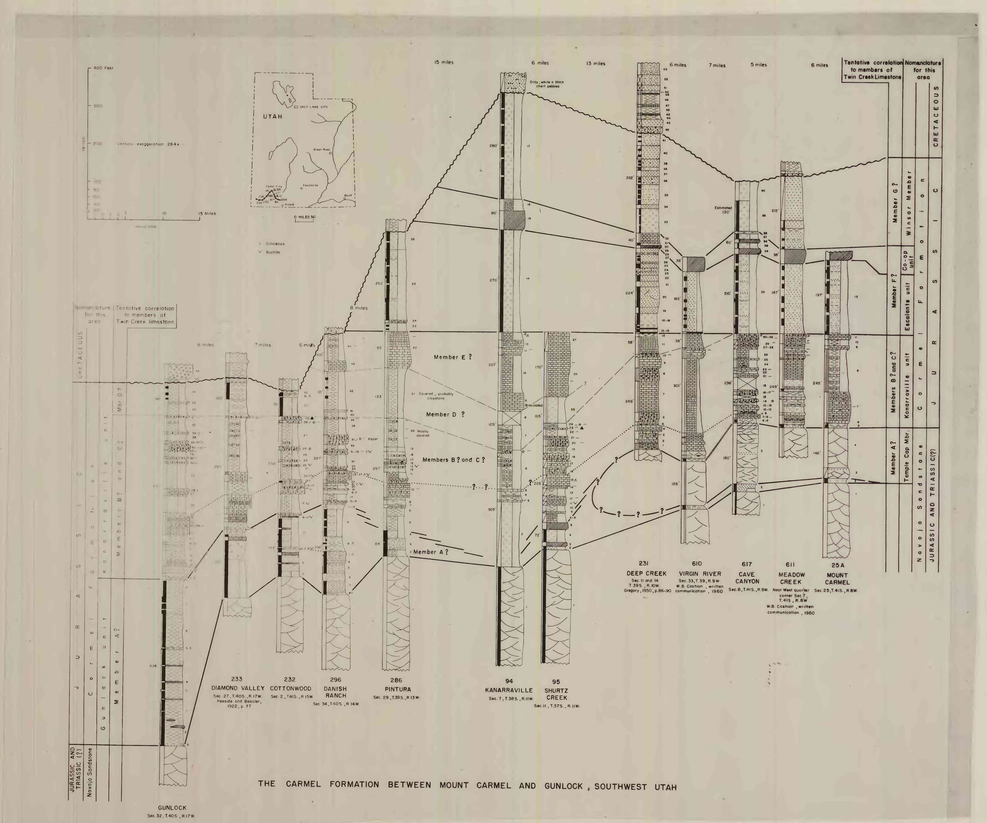


CURTIS, SUMMERVILLE, AND MORRISON FORMATIONS IN SOUTH CENTRAL UTAH



CARMEL AND ENTRADA FORMATIONS IN SOUTH CENTRAL UTAH



THE CARMEL FORMATION BETWEEN MOUNT CARMEL AND GUNLOCK, SOUTHWEST UTAH

MISCELLANEOUS CROSS SECTIONS OF THE JURASSIC SAN RAFAEL GROUP IN SOUTHERN UTAH

By
J. C. Wright and D. D. Dickey

1978