UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

TRACE ELEMENTS MEMORANDUM REPORT 702

U.S. GEOLOGICAL SURVEY
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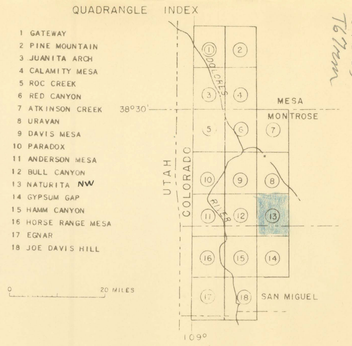
QUADRANGLE INDEX



EXPLANATION

QUATERNARY	PLEISTOCENE AND RECENT	Qal — ALLUVIUM
		Qls — LANDSLIDE DEPOSITS
		UNCONFORMITY
		Qfg — FANGLOMERATE
		UNCONFORMITY
CRETACEOUS	UPPER CRETACEOUS	Km — MANCOS SHALE
		Kd — DAKOTA SANDSTONE
		UNCONFORMITY
	LOWER CRETACEOUS	Kbc — BURRO CANYON FORMATION
JURASSIC	UPPER JURASSIC	Jmb, Jms — MORRISON FORMATION
		Js — SUMMERVILLE FORMATION
	MIDDLE AND UPPER JURASSIC (SAN RAFAEL GROUP)	Jec — ENTRADA SANDSTONE AND CARMEL FORMATION UNDIVIDED
		UNCONFORMITY
JURASSIC (?)	(GLEN CANYON GROUP)	Jk — KAYENTA FORMATION
		Jw — WINGATE SANDSTONE
TRIASSIC	UPPER TRIASSIC	TRc — CHINLE FORMATION
		UNCONFORMITY
	LOWER TRIASSIC	TRm — MOENKOPI FORMATION
		UNCONFORMITY
PERMIAN (?)		Pc — CUTLER FORMATION
CARBONIFEROUS	PENNSYLVANIAN	Chl, Chp — HERMOSA FORMATION

CONTACT
(DASHED WHERE APPROXIMATELY LOCATED)

INDEFINITE CONTACT
(INCLUDES INFERRED CONTACTS AND INDEFINITE BOUNDARIES OF SURFICIAL DEPOSITS)

FAULT
(DASHED WHERE APPROXIMATELY LOCATED; DOTTED WHERE CONCEALED. U, UPTHROWN SIDE; D, DOWNTHROWN SIDE)

ANTICLINE
(SHOWING TRACE OF AXIAL PLANE AND BEARING AND PLUNGE OF AXIS)

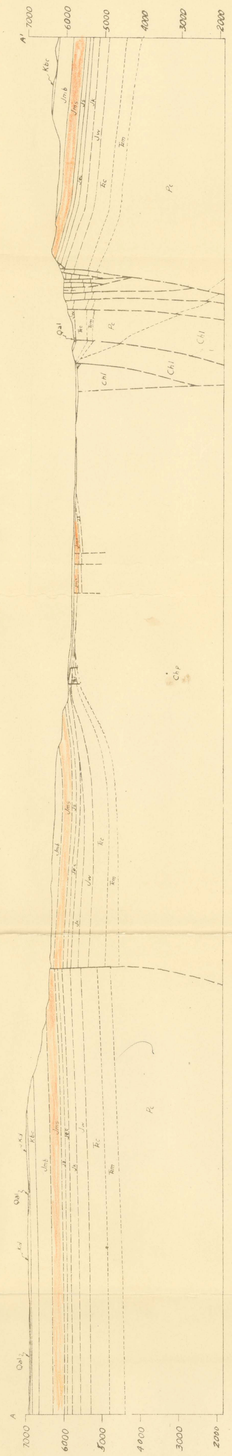
SYNCLINE
(SHOWING TRACE OF AXIAL PLANE)
(DASHED WHERE APPROXIMATELY LOCATED)

STRIKE AND DIP OF BEDS

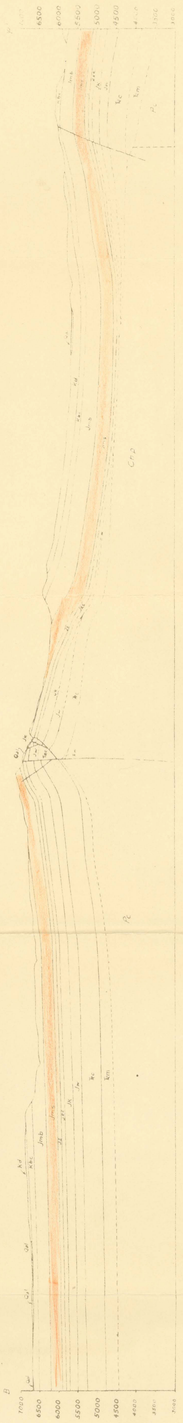
HORIZONTAL BEDS

6000
STRUCTURE CONTOUR
(DRAWN ON TOP OF ENTRADA SANDSTONE; DASHED WHERE INFERRED OR APPROXIMATELY LOCATED. CONTOUR INTERVAL 100 FEET. DATUM IS MEAN SEA LEVEL)

NOTE: SOME SMALL AREAS OF OUTCROP ARE NOT MARKED. CONTACTS ARE NOT CLOSED WHEN THE CONTACT TOUCHES A RIVER. RIVERS NOT SHOWN.



SECTION A A'
NATURITA



Photographed from blue line compilation sheet of U. S. Geological Survey topographic Naturita NW quadrangle base map

PRELIMINARY
GEOLOGIC MAP AND SECTIONS OF THE NATURITA N W QUADRANGLE, COLORADO

1 1/2 0 1 MILE

Because of distortion in reproduction and printing processes, scale of map and sections are only approximate

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

Geology by F. W. Cater Jr., 1948