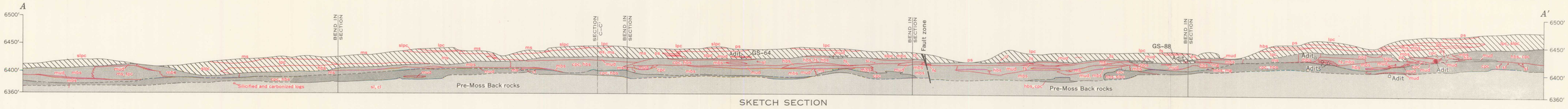
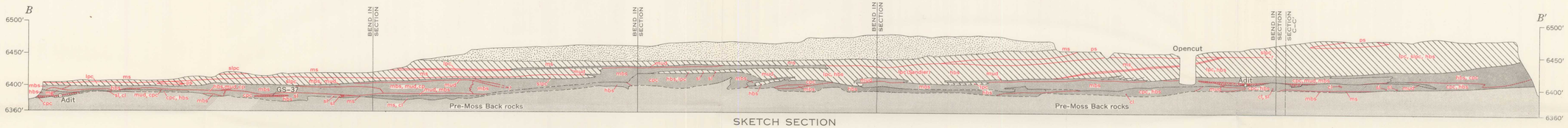
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1192
PLATE 7



SKETCH SECTION



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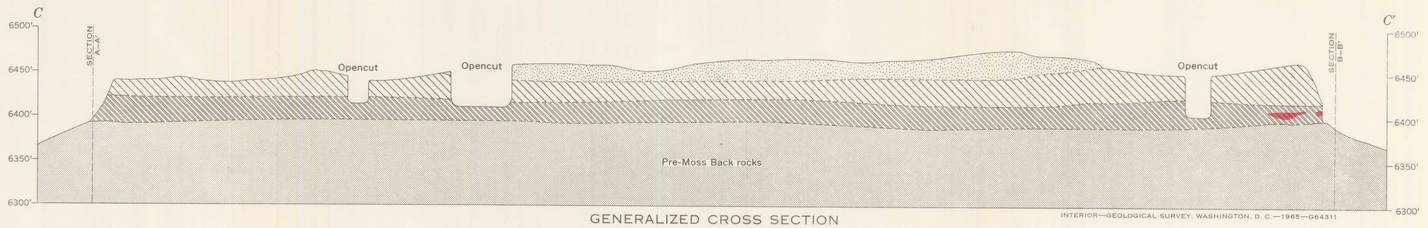
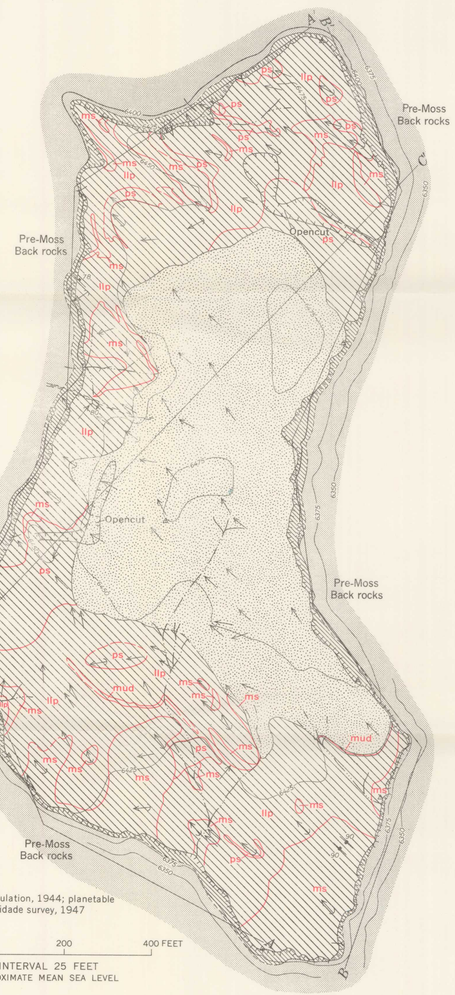


GENERALIZED CROSS SECTION

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1985—G64311



Triangulation, 1944; planetable and alidade survey, 1947

200 0 200 400 FEET

CONTOUR INTERVAL 25 FEET
DATUM IS APPROXIMATE MEAN SEA LEVEL

100 0 100 200 300 400 FEET

DATUM IS APPROXIMATE MEAN SEA LEVEL

EXPLANATION

Upper Triassic

Moss Back Member of Chinle Formation
Undivided below edge of mesa (map only)

TRIASSIC

Platy sandstone

Limestone-pebble conglomerate
Predominantly limestone-pebble conglomerate; subordinately sandstone and mudstone; some silicified or carbonized logs

Massive sandstone
Predominantly massive sandstone, much of which is petroliferous, mudstone, and conglomeratic sandstone containing clay galls and chert pebbles; subordinately sandstone that is platy or friable, chert- or limestone-pebble conglomerate, and hard blocky sandstone; very sparse silicified logs

Conglomeratic sandstone
Predominantly chert- and quartzite-pebble conglomerate, conglomeratic sandstone, and hard blocky sandstone; contains some nonpetroliferous or petroliferous massive sandstone, mudstone, limestone-pebble conglomerate, and carbonized or silicified logs

Massive sandstone and conglomeratic sandstone
Shown on section C–C′ only

Lithology
cpc, *chert- and quartzite-pebble conglomerate*
lpc, *limestone-pebble conglomerate*
llp, *limestone-pebble conglomerate and calcareous conglomeratic sandstone*
slpc, *sandy limestone-pebble conglomerate*
mg, *conglomeratic sandstone containing clay galls and chert pebbles*
fs, *friable sandstone*
hbs, *hard blocky sandstone*
mbs, *massive petroliferous sandstone*
ms, *massive sandstone*
ps, *platy sandstone*
mud, *mudstone*
sl, *silicified logs*
cl, *carbonized logs*

Contact between main rock units
Dashed where inferred

Contact between lithologic units
Dashed where approximately located; queried where indefinite. Locally not differentiated

80 Fault zone, showing dip

78 Strike and dip of joint

90 Strike of vertical joint

Dip direction of axis of trough crossbed

Dip direction of crossbed

Uranium ore

Visibly mineralized rock

GS–64 Sample, showing sample number

Sample	Sample interval (ft)	Uranium content (percent)
GS–37	3.0	0.017
GS–64	1.5	.004
GS–88	3.0	.008

Edge of mesa

Adit

MAP AND SECTIONS OF THE MOSS BACK MEMBER OF THE CHINLE FORMATION ON FLAT TOP, TEMPLE MOUNTAIN DISTRICT, EMERY COUNTY, UTAH