



EXPLANATION



Surficial deposits



Mancos shale

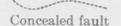


Dakota sandstone and Burro Canyon formation, undifferentiated
May include Mancos shale in some areas.



Brushy Basin shale member of the Morrison formation

Contact
Dashed where approximately located.



Concealed fault



Anticline showing crest line and direction of plunge
Approximately located.



Syncline showing trough line and direction of plunge
Approximately located.

Linear feature uninterpretable on photograph
May be geologically significant.

Approximate strike and dip of beds
Based on photointerpretation.

Inferred strike and dip of beds
Based on photointerpretation of areas where bedding is obscure.

National forest boundary
Approximate location.

Primary road

Secondary road

Trail

Surveyed line

Upper Jurassic
Lower(?) and Upper Cretaceous

QUATERNARY
CRETACEOUS
JURASSIC

(200)
T67nm
no. 1071

(G02AR)

(YELLOW JACKET)

(G02EZ)

109°00'00"
37°45'00"

55'

(DOVE CREEK)

50'

108°45'00"
37°45'00"

40'

40'

35'

35'

37°30'00"
109°00'00"

55'

(DOVE CREEK)

50'

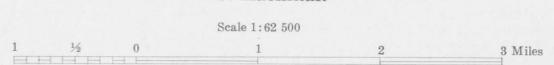
108°45'00"
37°30'00"

Base map modified from U.S. Soil Conservation map, Colorado-365.
Aerial photographs used for photogeologic interpretation taken in September 1955.
Roads are classified as follows: Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable by four-wheel-drive vehicles and locally by two-wheel-drive vehicles; trails are not traversable by vehicles, except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.



PHOTOGEOLOGIC MAP
OF THE EAST HALF OF
CAHONE, MONTEZUMA AND DOLORES
COUNTIES, COLORADO

By
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February 1958

Geologic and geographic data from U.S. Forest Service map, San Juan National Forest, 1951; U.S. Geol. Survey Oil and Gas Invest. map, OM 120, 1949; Colo. Geol. Survey Bull. 16, 1921; and unpublished field data by G. C. Simmons, W. B. Rogers and L. C. Huff.
This map has been compiled mainly from photogeologic data and has not been checked in the field.
This preliminary report is distributed without editorial and technical review for conformity with official standards and nomenclature. It is not for public inspection or quotation.