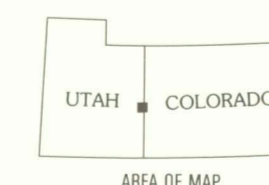


EXPLANATION

Qu	Quaternary deposits, undivided
Tu	Tertiary sedimentary rocks, undivided
Ku	Cretaceous sedimentary rocks, undivided
JTu	Jurassic and Triassic sedimentary rocks, undivided
Pu	Permian sedimentary rocks, undivided
Proterozoic rocks (1,700 to 1,450 Ma)	
pCu	Igneous and metamorphic rocks, undivided
pCd	Metadiorite and metagabbro
pCm	Quartz monzonite and other granitoid bodies
pCu?	Gneissic granodiorite and older metamorphic rocks
pCm?	Metasedimentary and metaigneous rocks, undivided
Contact	
—	Fault—Dashed where concealed. Bar and ball on down-thrown side
—	Structure contours—Drawn on base of Dakota Sandstone. Contour interval, 500 ft
↖	Anticline—Showing direction of plunge
↙	Syncline—Showing direction of plunge
↘	Monocline—Showing direction of dip
—	River
—	Approximate boundary of Wilderness Study Area—BRC, Black Ridge Canyons; WC, Westwater Canyon
—	City boundary
—	Closed area of relative magnetic low
—	Line of profile
—	Approximate boundary of aeromagnetic survey flown in 1985
—	Concealed or inferred features from gravity and (or) magnetic anomaly
ⓐ	Approximate boundary of inferred rock unit—Dotted where projected, queried where uncertain. Letter symbol indicates anomalous area discussed in text
Proterozoic rocks interpreted from gravity and (or) magnetic anomaly—Age 1,700 to 1,450 Ma. All units queried where uncertain	
pCd	Metadiorite or metagabbro
pCm	Quartz monzonite and other granitoid bodies
pCm?	Metasedimentary and metaigneous rocks, undivided
pCu	Igneous and metamorphic rocks, undivided

Base from U.S. Geological Survey, 1:250,000, Grand Junction, Utah, 1958 (revised 1989). Transverse Mercator projection.

SCALE 1:125 000
2 1 0 2 4 6 8 10 MILES
2 1 0 2 4 6 8 10 KILOMETERS



Geology modified from Cahoon, 1973; Williams, 1964, and Dickerson and others, 1988. Interpretation compiled in 1988. Edited by Dale Russell; cartography by Sandra K. Castro and Joseph L. Remy. Manuscript approved for publication, October 22, 1990.

INTERPRETATION OF PROTEROZOIC BASEMENT SHOWING SIMPLIFIED GEOLOGY AND STRUCTURE
MAPS SHOWING INTERPRETATION OF GEOPHYSICAL ANOMALIES OF THE NORTHWESTERN UNCOMPAGHGRE UPLIFT AND VICINITY, GRAND COUNTY, UTAH, AND MESA COUNTY, COLORADO

By
James E. Case, Robert L. Morin, and Robert P. Dickerson
1992