

# Key for Geologic Map of Tiefert Mountain

## Geologic Units

Qal	Quaternary alluvium
Qof Qfan	Quaternary fan deposits
Kgr Kgp	Cretaceous granite Kgr=equigranular granite Kgp=megacrystic porphyritic granite
sfgr	Syntectonic biotite granite
di	Diorite orthogneiss
mz mmz mmg	South Tiefert Orthogneiss mz=equigranular quartz monzogranite mmz=megacrystic quartz monzogranite mmg=megacrystic granite
ms	metasedimentary rocks
msq	ms=quartzite
hbs	hbs=hornblende biotite schist
qbs	qbs=quartz biotite schist
Amp	amphibolite
mr	marble
pC	augen gneiss

# Plate II Geologic map of Tiefert Mountain



## Geologic symbols

	Miocene (?) quartz rhyolite dike		fault
	porphyritic hornblende andesite dike		contact
	pegmatite dikes (≈82 Ma)		approximate contact
	strike and dip of foliation		inferred contact
	lineation		

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
 CONTROL POINTS: 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

**PROVISIONAL MAP**  
 Produced from original manuscript drawings. Information shows as of date of photography.



THIS MAP COMPLES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 20192

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ROAD LEGEND

	Improved Road
	Unimproved Road
	Trail
	Interstate Road
	U.S. Route
	State Road

TIEFORT MOUNTAINS, CALIF.  
 PROVISIONAL EDITION 1988

50116-C5-TF-001