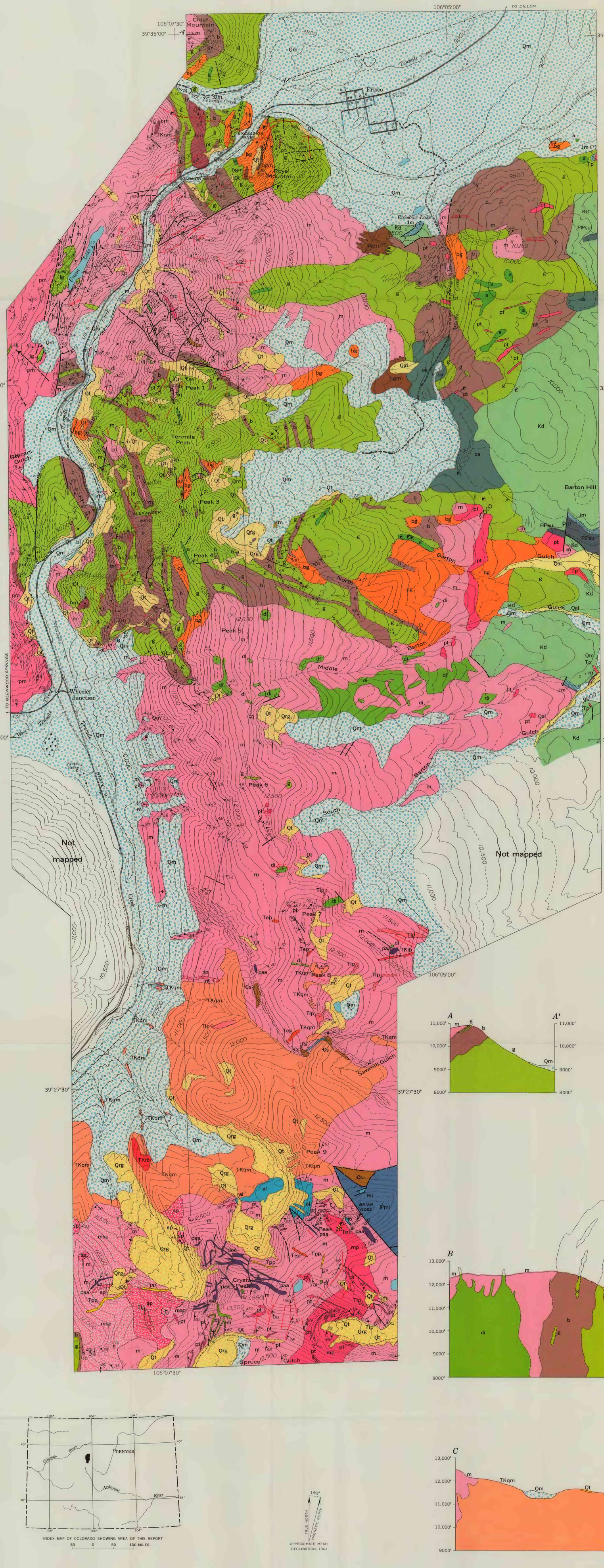


EXPLANATION

Qt	Talus and landslide debris	QUATERNARY
Qrg	Rock glacier	
Qal	Alluvium	
Qm	Glacial moraine	
Tlp	Lincoln Porphyry	TERTIARY
Tep	Elk Mountain Porphyry	
Tpp	Pando Porphyry	
Tp	Unnamed porphyry	
TKqm	Quartz monzonite	CRETACEOUS(?) OR TERTIARY
TKib	Intrusive breccia	
Kd	Dakota Sandstone	CRETACEOUS
Jm	Morrison Formation	JURASSIC
PIPsu	Sedimentary rocks undivided	PERMIAN; PENNSYLVANIAN; CARBONIFEROUS
IPml	Minturn Formation, lower part	
P€l	Limestone	LOWER PALEOZOIC
€s	Sawatch Quartzite	CAMBRIAN
di	Diorite	PRE-CAMBRIAN(?)
oa	Oligoclase aplite	
pt	Pegmatite *Zones of small pegmatites shown as red dots*	PRECAMBRIAN
paa	Dikes of pegmatite, aplite, and alaskite, undivided	
sp	Granite similar to Silver Plume Granite	
msp	Migmatite and granite similar to Silver Plume Granite, undivided	
pm	Pink migmatite	
al	Alaskite	
m	Migmatite	
lg	Lime-silicate gneiss	
mp	Porphyroblastic migmatite	
bm	Migmatite and banded gneiss, undivided	
bgm	Migmatite banded gneiss and granulite, undivided	
b	Banded gneiss	
a	Amphibolite	
bg	Banded gneiss and granulite, undivided	
g	Granulite	

Contact
Long dashed where approximately located, short dashed where inferred

Fault, showing dip
Dashed where inferred. U, upthrown side; D, downthrown side

Shear zone, showing dip

Strike and dip of foliation

Strike of vertical foliation

Bearing and plunge of lineation

Strike and dip of foliation and plunge of lineation

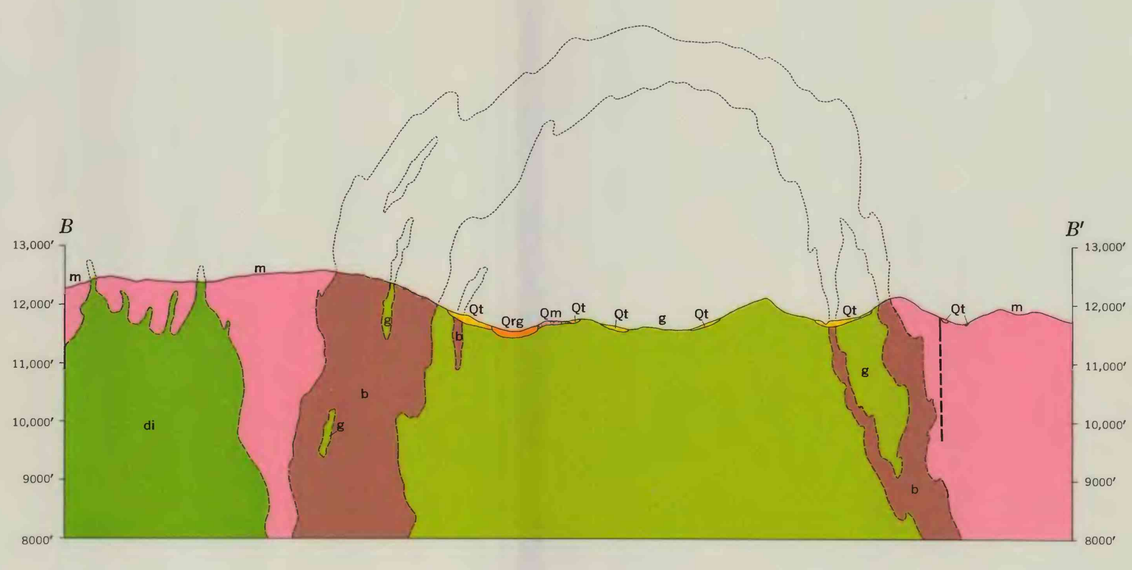
Vein, showing dip
Dashed where approximately located

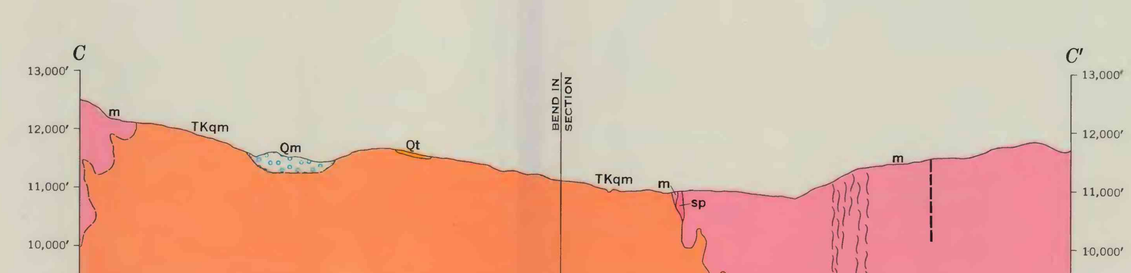
Shaft

Portal of tunnel or adit

Portal of caved tunnel or adit

Prospect pit





INDEX MAP OF COLORADO SHOWING AREA OF THIS REPORT
50 0 50 100 MILES

APPROXIMATE MEAN DECLINATION, 1963

Base map by U.S. Geological Survey, 1957

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—62442

Geology by M. H. Bergendahl 1957–59, assisted by J. A. Randall in 1957 and R. J. Lutton in 1958

GEOLOGIC MAP AND SECTIONS OF THE NORTHERN PART OF THE TENMILE RANGE, SUMMIT COUNTY, COLORADO

SCALE 1:24 000

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL