EXPLANATION

SYMBOLS

CONTACTS

Dashed where approximately located; dotted where concealed; queried where uncertain.

Depositional

High-angle Normal Fault
U, upthrown side; D, downthrown side.

Low-angle Normal Fault
Double hatches on upper plate.

Thrust Fault
Sawteeth on upper plate.

Tear Fault
Arrows show relative separation.

FOLDS

Axial trace with trend and plunge of fold axis.

Anticline · Syncline · Overturned Anticline · Overturned Syncline

STRIKE AND DIP OF BEDS

Horizontal · Inclined · Vertical · Overturned

STRIKE AND DIP OF FOLIATION

Horizontal · Inclined · Vertical

TREND AND PLUNGE OF LINEATION

granite porphyroclast · stretched-pebble long axis

ROCK UNITS

QTs	Unconsolidated sediments and alluvium	CENOZOIC
	UNCONFORMITY	
td	Dike rocks	
Tvsu	Sedimentary and volcanic rocks, undifferentiated, in the upper plate of the Plomosa detachment fault (Scarborough and Meader, 1985)	
Tab	Upper andesite breccia	
	UNCONFORMITY	
Tmk	Megabreccia lens zone; Tmk, Kaibab marble, Tmc, Coconino quartzite, Tms, Supai Formation	
Ta	Lower andesite flows and litharenites	
Is / Tbl	Basal lacustrine sedimentary rocks; Is, marker limestone	
	UNCONFORMITY	
md	Dike rocks	MESOZOIC
Kmg	Mudersbach granite	
Msc	Southern Cross quartz monzonite	
Mp sc / bc	Lower Mesozoic phyllite; sc, stretched-pebble metaconglomerate, bc, basal metaconglomerate	
	DISCONFORMITY	
Pk	Kaibab marble	PALEOZOIC
	DISCONFORMITY	
Pc	Coconino quartzite	
	DISCONFORMITY	
PPs	Supai Formation	
	DISCONFORMITY	
Me	Escabrosa marble	
	UNCONFORMITY	
pCg	Granite and gneiss	PRE CAMBRIAN

GEOLOGIC MAP OF THE PLOMOSA PASS AREA

NORTHERN PLOMOSA MOUNTAINS, LA PAZ COUNTY, ARIZONA

by
Deborah A. Stoneman

1985

SCALE 1:12,000

0 1 mile

0 1 kilometer

Contour interval 40 feet
Topographic base by U.S. Geological Survey

N

Figure 3. Geologic Map of the Plomosa Pass Area, Northern Plomosa Mountains, La Paz County, Arizona; D.A. Stoneman, M.S. Thesis, 1985, Department of Geosciences, University of Arizona.

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