

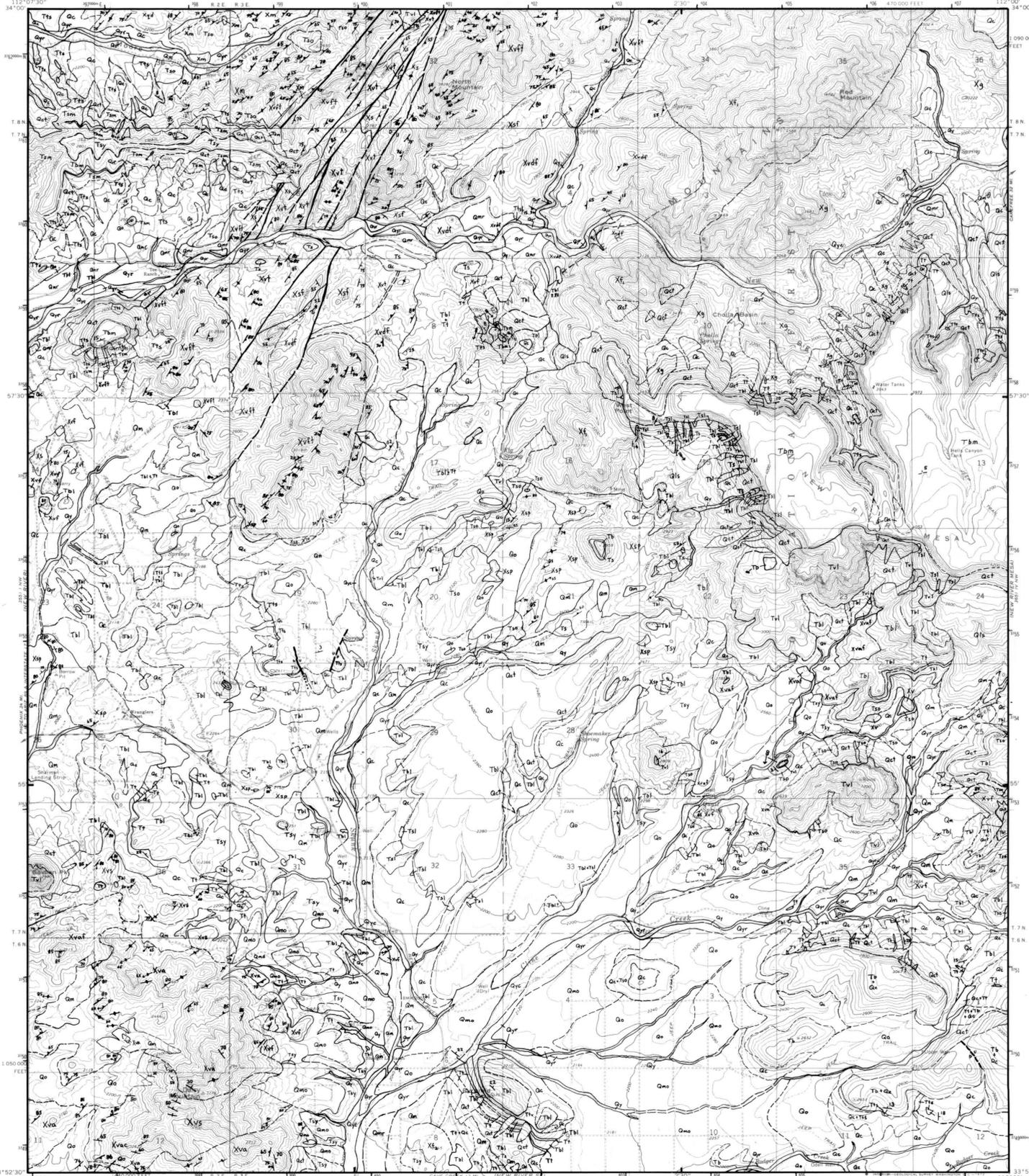
Compilation Geologic Map of the Daisy Mountain 7.5' Quadrangle, Maricopa County, Arizona

by
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1998

ARIZONA GEOLOGICAL SURVEY
Open-File Report 98-22, sheet 1 of 1, with text

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

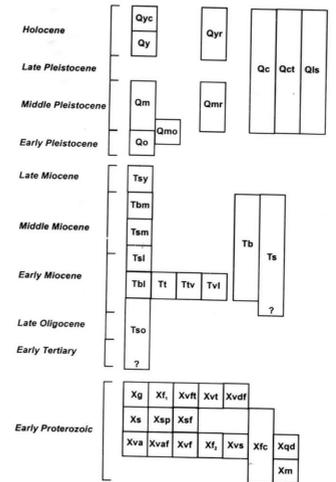
DAISY MOUNTAIN QUADRANGLE
ARIZONA-MARICOPA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



UNIT DESCRIPTIONS

- Quaternary deposits**
- Qc Colluvium
 - Qct Colluvium and talus, undivided
 - Qls Landslide and mass movement deposits
 - Qyc Active channel deposits
 - Qy Holocene alluvium (<10 Ka)
 - Qyr Holocene river terrace deposits (<10 Ka)
 - Qm Middle Pleistocene alluvium (250 to 750 Ka)
 - Qmr Middle Pleistocene river terrace deposits (400 to 750 ka)
 - Qmo Early to Middle Pleistocene alluvial fan deposits (250 ka to 1.6 Ma)
 - Qo Early Pleistocene alluvial fan deposits (750 Ka to 1.6 Ma)
- Tertiary rocks**
- Tsy "Basin-fill" conglomerate and sandstone (Late Miocene to Pliocene)
 - Tbm Hickey Formation basaltic lavas (Middle Miocene)
 - Tsm Conglomeratic sediments, undivided (Middle Miocene)
 - Ts Sandstone and conglomerate, undivided (Early to Late Miocene)
 - Tb Basaltic lavas, undivided (Early to Middle Miocene)
 - Tsl Fluvial-lacustrine deposits (Early to Middle Miocene)
 - Tt Nonwelded tuff (Early Miocene)
 - Ttv Vitric tuff (Early Miocene)
 - Tbl Basaltic rocks (Early Miocene)
 - Tvl Intermediate to felsic volcanic rocks (Middle Tertiary)
 - Tso Nonvolcaniclastic conglomerate (Early Oligocene to Early Miocene)
- Early Proterozoic rocks**
- Xg Granite
 - Xf Felsic hypabyssal(?) rocks
 - Xvt Felsic metavolcanic ash-flow tuff
 - Xvf Tuffaceous metavolcanic rocks
 - Xvdf Dacitic to rhyolacitic flow
 - Xs Metasedimentary rocks, undivided
 - Xsp Pelitic metasedimentary rocks
 - Xsf Ferruginous metasedimentary rocks
 - Xvs Metavolcanic and metasedimentary rocks, undivided
 - Xva Intermediate metavolcanic rocks, undivided
 - Xvac Metavolcanic rocks
 - Xvf Felsic metavolcanic rocks, undivided
 - Xvaf Intermediate to felsic metavolcanic rocks, undivided
 - Xf₂ Felsic metavolcanic and hypabyssal rocks, undivided
 - Xqd Quartz diorite
 - Xm Metamorphic rocks, undivided

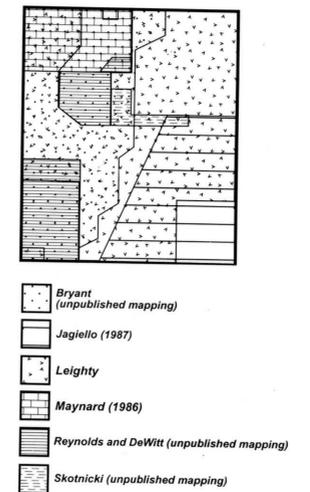
CORRELATION OF MAP UNITS



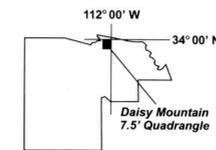
MAP SYMBOLS

- bedding
- vertical bedding
- overturned bedding
- paleocurrent direction from clast imbrications
- cleavage
- cleavage, with bearing and plunge of lineation
- vertical cleavage
- fold hingeline; arrows show bearing and plunge
- unit contact; dashed where inferred; dotted where concealed
- intra-unit contact
- fault; dashed where approximately located; dotted where concealed; attitude shown if known
- oxide facies iron formation / ferruginous chert bed; attitude shown if known
- quartz vein

MAPPING COVERAGE



Location of Maricopa County in Arizona



Location of the Daisy Mountain 7.5' Quadrangle within Maricopa County

	112° 00' W			
34° 00' N	New River (94-153)	Daisy Mountain (98-22)	New River SE (98-12)	Humboldt Mountain (98-11)
	Baldy Mountain (95-5)	Biscuit Flat (98-19)	New River SE (98-21)	Cave Creek (97-1)
	Calderwood Butte (95-5)	Hedgpath Hills (98-18)	Union Hills (98-20)	Wildcat Hill (97-2)

Location of the Daisy Mountain 7.5' Quadrangle in relation to other recently mapped 7.5' quadrangles in the northern Phoenix area. Numbers in parentheses refer to AZGS Open-File Reports, except for New River, which is a USGS Open-File Report.

Map compiled, edited, and published by the Geological Survey

Control by USGS and USGS

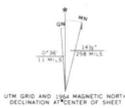
Topography by photogrammetric methods from aerial

photographs taken 1962. Field checked 1964

Polyconic projection. 1927 North American datum

10,000-foot grid based on Arizona coordinate system, central zone

1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue



SCALE 1:24,000

ROAD CLASSIFICATION

Medium-duty Light-duty

Unimproved dirt

CONTOUR INTERVAL 40 FEET

DOTTED LINES REPRESENT 20 FOOT CONTOURS

DATUM IS MEAN SEA LEVEL



QUADRANGLE LOCATION

DAISY MOUNTAIN, ARIZ.

N3352.5-W11200.7.5

1964

AMS 551:1 NE-SERIES Y888

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