

CORRELATION OF MAP UNITS

Quaternary	Quaternary	Quaternary
Miocene	Miocene	Miocene
Tertiary	Miocene (Eocene and Paleocene)	Tertiary
Jurassic	Major unconformity	Jurassic
Triassic, Pennsylvanian, and Mississippian	Triassic, Pennsylvanian, and Mississippian	Triassic, Pennsylvanian, and Mississippian

DESCRIPTION OF MAP UNITS

- COLLUVIUM AND ROCK GLACIERS (Quaternary)
- ALLUVIUM AND TALUS (Quaternary)
- GLACIAL MORAINES AND LANDSLIDE DEPOSITS (Quaternary)
- TERRACE GRAVEL AND GLACIAL OUTWASH (Quaternary)
- VOLCANIC AND SEDIMENTARY ROCKS (Miocene)
- JARBIDGE RHYOLITE (Miocene)
- TUFF, SEDIMENTARY ROCKS, AND BASALT (Miocene and Eocene)
- DACTITE IGNEIMBRE OF WILDCAT CREEK (Eocene and Paleocene)
- DIORITE (Jurassic)
- ALLOCTHONOUS**
- RESERVATION HILL FORMATION (Permian and Pennsylvanian) - Siltstone and chert
- VALMY FORMATION (Ordovician) - Chert, quartzite, and shale
- PARAUTOCTHONOUS AND AUTOCTHONOUS**
- UNDIFFERENTIATED MARINE SEDIMENTARY ROCKS (Triassic)
- SANDY AND LIMY SEDIMENTARY ROCKS (Permian, Pennsylvanian, and Mississippian)
- POGONIP LIMESTONE (Ordovician) - Massive gray limestone

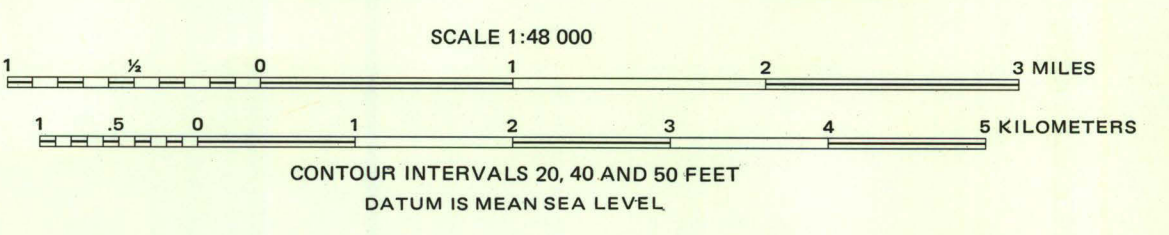
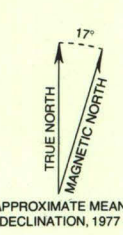
CONTACTS AND STRUCTURES

- Contact
- Fault - Approximately located; dotted where concealed. Bar and ball on downthrown side
- Thrust fault - Dashed where approximately located. Sawtooth on upper plate
- Dike
- Strike and dip of beds
- Inclined
- Vertical
- Overturned
- Boundary of Jarbidge Wilderness - From U.S. Forest Service, April 1972
- Approximate boundary of study area - From U.S. Forest Service, April 1972

AEROMAGNETIC MAP

- Magnetic contours - Showing total intensity of Earth's magnetic field in gammas, relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity. Dashed where data are incomplete. Contour interval 10 gammas
- Maximum or minimum intensity - Location measured within closed high or closed low
- Flight path - Showing location and spacing of data

Base from U.S. Geological Survey, 1:62,500 Jarbidge, 1943; Elk Mountain, 1957; 1:24,000 Mary's River Basin NE and NW, Sun Creek, unedited advance sheets
10,000-foot grid based on Nevada coordinate system, east zone



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Geology by R. R. Coats, 1954-6, 1972; D. C. Alverson, 1954; B. F. Jones, 1956; and L. D. Cress, D. B. Crocker, and R. C. Greene, 1972.
Aeromagnetic survey flown at 9,000 to 12,000 feet, (2660 to 3700 m) barometric elevation; flight line spacing 1 mile (1.6 km)

GEOLOGIC AND MAGNETIC INTENSITY MAP OF THE JARBIDGE WILDERNESS AND ADJACENT AREAS, ELKO COUNTY, NEVADA