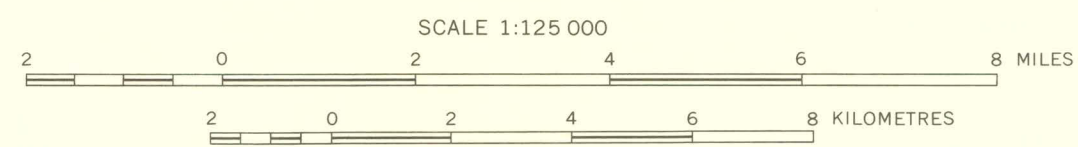
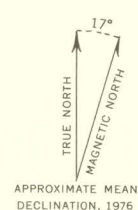


CORRELATION OF MAP UNITS

Landslide deposits	Alluvium and colluvium	Gravel, sand, and silt	Holocene and Pleistocene	QUATERNARY
Hay Ranch Formation	Andesite and basaltic andesite	Basalt plugs	Pleistocene and Pliocene	
Humboldt Formation (restricted)	Palisade Canyon Rhyolite		Upper Miocene	QUATERNARY
Rhyolitic welded tuff	Mafic to intermediate plugs and dikes			
Younger intermediate to silicic volcanics	Silicic intrusive rocks		Oligocene	TERTIARY
Indian Well Formation Tiws, unit 4, interlayered ash-flow tuff and sedimentary rocks Tiws, unit 3, sedimentary rocks Tiwt, unit 2, ash-flow tuff Tiwb, unit 1, basal unit				
Mafic to silicic volcanics	Older intermediate volcanics		Oligocene or Eocene	TERTIARY(?)
Elko Formation			Eocene	
Limestone				TERTIARY(?)
Cherty limestone				
Conglomerate, sandstone, siltstone, and limestone			Eocene(?)	TERTIARY(?)
Limestone and limestone-clast conglomerate				
Newark Canyon Formation Knb, basal member			Upper and Lower Cretaceous	CRETACEOUS
Alaskite			Upper Jurassic	
Granodiorite predominantly				JURASSIC
Frenchie Creek Rhyolite Jfu, upper member Jfl, lower member Jfr, rhyolite (?) plug Js, Sod House Tuff Jb, Big Pole Formation			Pony Trail Group Upper and Upper(?) Jurassic	
Paleozoic rocks				

- CONTACT
- NORMAL FAULT
- STRIKE AND DIP DIRECTION OF BEDS
- STRIKE AND DIP DIRECTION OF FLOW LAYERING IN LAVAS
- LOCATION OF MEASURED STRATIGRAPHIC SECTION
- SAMPLE LOCALITIES**
- Radiometrically dated
- Fossil
- Chemically analyzed

Base from U.S. Geological Survey 1:62,500, Carlin, Dixie Flats, and Pine Valley, 1952; Robinson Mountain, 1956



Geology by J.F. Smith, Jr., and K.B. Ketner, 1955-69; field assistants listed in text  
Aeromagnetic survey flown at 9000 feet (2743 m) barometric elevation, 1966; flightline spacing 1 mile (1.6 km)

MAGNETIC CONTOURS—Showing total intensity magnetic field of the Earth in gammas relative to arbitrary datum. Hachured to indicate closed areas of lower magnetic intensity. Contour intervals 10 and 50 gammas

**A** ANOMALY REFERRED TO IN TEXT

GENERALIZED GEOLOGIC MAP OF POST-PALEOZOIC ROCKS IN THE CARLIN-PINON RANGE AREA,  
ELKO AND EUREKA COUNTIES, NEVADA