

EXPLANATION

		QUATERNARY
Alluvium	Colluvium	
Beach lines indicated by hachures		
		QUATERNARY
Older alluvium		
		TERTIARY AND QUATERNARY
Hay Ranch Formation		
		TERTIARY AND QUATERNARY
Diabase		
		TERTIARY AND QUATERNARY
Dellenite ash-flow tuffs		
		TERTIARY AND QUATERNARY
Rhyodacite flows		
		CRETACEOUS(?)
Quartz albite	Intermediate dikes	
		CRETACEOUS(?)
Alaskite		
		CRETACEOUS(?)
Intrusive rocks		CRETACEOUS(?)
Kra, red porphyritic adamellite and granodiorite		
Kd, diorite		MESOZOIC
Kgd, granodiorite		
Kmd, fine-grained monzodiorite		MESOZOIC
Kdp, albized porphyry		
Krp, rhyodacite porphyry		MESOZOIC
Pony Trail Group		MESOZOIC
Mer, rhyolite (?) plus		
Mf, Frenchie Creek Rhyolite (Individual flows indicated by barbed lines)		MESOZOIC
Ms, Sod House Tuff		
Mb, Big Pole Formation		PERMIAN(?)
Alaskitic dellenite porphyry		PERMIAN(?)
Pyroxene dellenite porphyry		PENNSYLVANIAN OR PERMIAN
Volcanic rocks of the northeastern Dry Hills		PENNSYLVANIAN OR PERMIAN
		PENNSYLVANIAN OR PERMIAN
Brook Canyon Formation		PENNSYLVANIAN OR PERMIAN
PPb, Brook Canyon Formation, undivided		
PPba, arkose member		PENNSYLVANIAN OR PERMIAN
PPbc, claystone member		
PPbd, dolomite member		PENNSYLVANIAN OR PERMIAN
PPbk, conglomerate member		
		ORDOVICIAN
Valmy Formation		ORDOVICIAN

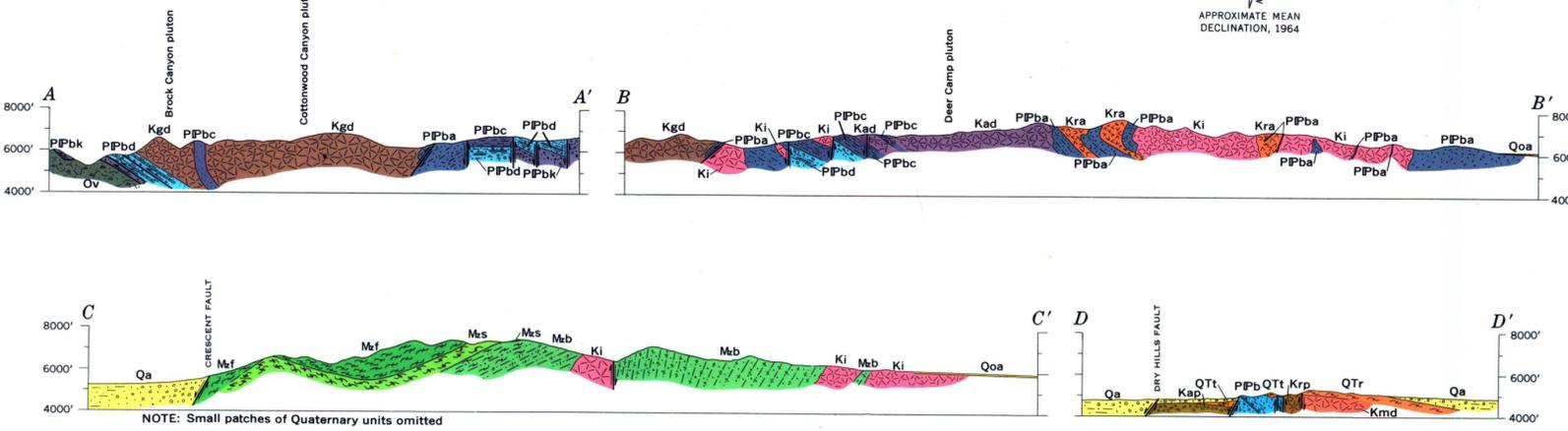
	Contact, showing dip
	Dashed where approximately located; short dashed where gradational; dotted where concealed
	Normal or reverse fault, showing dip
	Dashed where approximately located; dotted where concealed; queried where doubtful. u, upthrown side; d, downthrown side
	Thrust fault, showing dip
	Dashed where approximately located; dotted where concealed. Saw teeth on upper plate
	Anticline
	Showing trace of axial plane and bearing and plunge of axis. Dashed where approximately located; queried where doubtful
	Syncline
	Showing trace of axial plane and bearing and plunge of axis. Dashed where approximately located; queried where doubtful
	Overturned syncline
	Showing trace of axial plane and direction of dip of limbs. Dashed where approximately located; queried where doubtful
	Strike and dip of inclined beds
	Includes strike and dip of volcanic flows and pyroclastic beds
	Strike and dip of overturned beds
	Strike of vertical beds
	Horizontal beds
	Strike and dip of inclined foliation
	Flow layering in volcanic flows, compaction layering in ash-flow tuffs
	Strike of vertical foliation
	Horizontal foliation
	Adit
	Caved adit
	Prospect
	Mine

Base by U.S. Geological Survey, 1957
1927 North American datum
10,000-foot grid based on Nevada coordinate system, east zone

SCALE 1:62 500
0 1/2 0 1 2 3 MILES

CONTOUR INTERVAL 40 FEET
DASHED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1964



NOTE: Small patches of Quaternary units omitted

GEOLOGIC MAP AND SECTIONS OF THE FRENCHIE CREEK QUADRANGLE, NEVADA