



		Qc	UNCONSOLIDATED SEDIMENTARY DEPOSITS (QUATERNARY)
		Qts	GILA AND SANTA FE FORMATIONS (QUATERNARY AND TERTIARY)
		Qrb	BASALTIC LAVA AND GILA AND SANTA FE FORMATIONS (QUATERNARY AND TERTIARY)
		Tv	LAVAS AND ASH-FLOW TUFFS (OLIGOCENE)
		Tro	RYHOLITE FLOWS AND DOMES (OLIGOCENE)
Tr	Tr1	Trs	RYHOLITE PLUGS, STOCKS AND SILLS (OLIGOCENE)
		Tri	ANDESITIC SILLS AND DIKES (OLIGOCENE)
		Tao	ANDESITIC SILLS AND DIKES (OLIGOCENE)
		Tql	QUARTZ LATITE DIKE OR SILL (OLIGOCENE?)
		Ta	ANDESITIC SILLS (OLIGOCENE?)
		Trod	RYHOLITE SILLS AND DOMES (OLIGOCENE?)
		Tad	ANDESITIC DIKES AND SILLS (UPPER CRETACEOUS)
		Qk1	QUARTZ MONZONITE, GRANITE, MONZODIORITE AND DIORITE (UPPER CRETACEOUS)
		Qk2	QUARTZ LATITE DIKES OF COPPER PLAT (UPPER CRETACEOUS)
		Kv	ANDESITIC FLOWS OF COPPER PLAT (UPPER CRETACEOUS)
		Ks	BEARTOOTH QUARTZITE (UPPER?) CRETACEOUS)
		Pzu	UNDIVIDED SEDIMENTARY ROCKS (PALEOZOIC)
		pu	UNDIVIDED GRANITIC AND HORNBLENDEIC ROCKS (PRECAMBRIAN)

— CONTACT—Dotted where concealed

$\frac{D}{U}$ FAULTY—Dashed where approximately located; dotted where concealed.
Where known, ball and bar on the downthrown side. U, upthrown
side; D, downthrown side

$\frac{+}{-}$ ANTICLINAL AXIS—Showing crestline. Dashed where approximately
located

SCALE 1:48 000

1 1/2 0 1 2 3 MILES

1 .5 0 1 2 3 KILOMETERS

By
Jeffrey C. Wynn
1978

— CONTOUR—Contour interval 10 gammas, 600 meter equal grid. Total intensity residual magnetic field values in gammas. Base value of 51,277.85 gammas at the origin (latitude 32°45', longitude 108°00') flown at 3.05 km elevation E-W above sea level.

Geology mapped by D. C. Hedlund in 1972-74
Original survey flown by Aerial Surveys, Ltd., 1973,
Salt Lake City, Utah, and compiled by Geometrics,
Sunnyvale, California
Flightline spacing, 1.6 km; an average regional trend
of 5.79 gammas per km north and 1.96 gammas per km
east was removed using the 1965 IGRF updated to 1973,
after which the field was parallel-surface-continued
by the method of Bhattacharyya and Chan (1977)

Bhattacharyya, B. K. and Chan, K. C., 1977, Reduction of magnetic and gravity data on an arbitrary surface acquired in a region of high topographic relief: *Geophysics*, v. 42, no.7, p. 1411-1430.