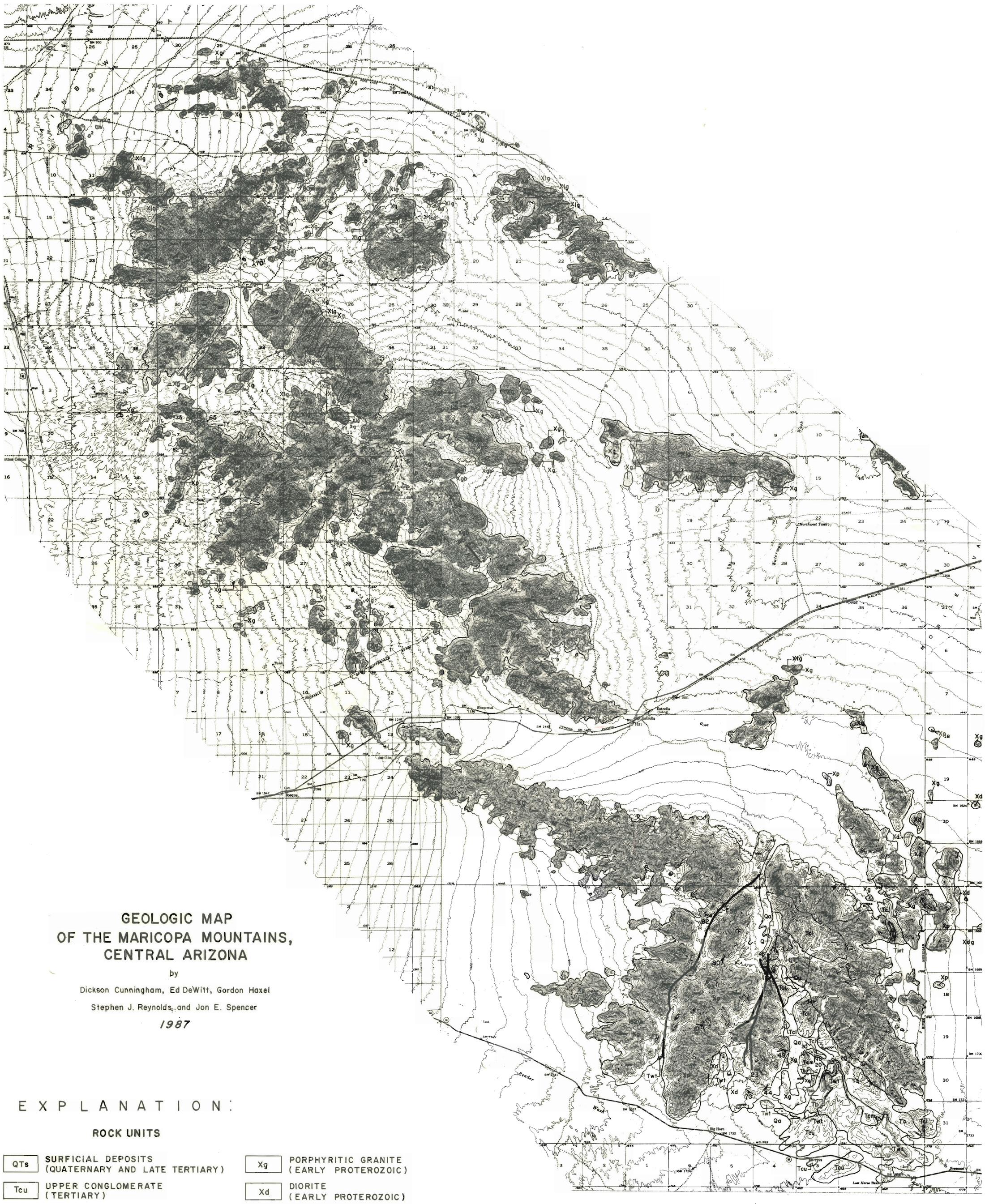

GEOLOGIC MAP OF THE MARICOPA MOUNTAINS, CENTRAL ARIZONA

by

Dickson Cunningham, Ed DeWitt, Gordon Haxel
Stephen J. Reynolds, and Jon E. Spencer

1987

EXPLANATION:

ROCK UNITS

QTs	SURFICIAL DEPOSITS (QUATERNARY AND LATE TERTIARY)
Tcu	UPPER CONGLOMERATE (TERTIARY)
Twt	WELDED TUFF (MIDDLE TERTIARY)
Tcm	MIDDLE CONGLOMERATE (MIDDLE TERTIARY)
Tb	BASALT (MIDDLE TERTIARY)
Tcl	LOWER CONGLOMERATE (MIDDLE (?) TERTIARY)
Tmd	MAFIC DIKE (TERTIARY (?))
Tfd	FELSITE DIKE (TERTIARY (?))
Xlg	LEUCOCRATIC GRANITE (EARLY PROTEROZOIC)
Xgb	GABBRO (EARLY PROTEROZOIC)
Xg	PORPHYRITIC GRANITE (EARLY PROTEROZOIC)
Xd	DIORITE (EARLY PROTEROZOIC)
Xdg	DIORITE AND GRANITE, UNDIFFERENTIATED (EARLY PROTEROZOIC)
Xp	PINAL SHIST (EARLY PROTEROZOIC)

SYMBOLS

- CONTACT; DASHED WHERE INFERRED OR APPROXIMATELY LOCATED
- FAULT
- MYLONITIC AND / OR CATACLASTIC SHEAR ZONES
- DIKE
- QUARTZ VEIN
- STRIKE AND DIP OF BEDDING
- STRIKE AND DIP OF FOLIATION
- STRIKE AND DIP OF FOLIATION, SHOWING TREND OF LINEATION
- STRIKE AND DIP OF FOLIATION, SHOWING TREND OF LINEATION; ARROWHEAD ON LINEATION POINTS IN THE DIRECTION OF SENSE OF SHEAR AS DETERMINED FROM SMALL-SCALE FEATURES
- STRIKE OF VERTICAL FOLIATION

1 .5 0 1 2 3 4 MILES
1 .5 0 1 2 3 4 5 KILOMETERS

Scale 1:62,500

N

Drafted by Pete Corrao; ARIZONA GEOLOGICAL SURVEY

ABGMT OFR 87-4