



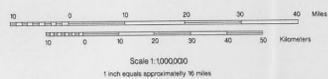
MAP OF FISSION-TRACK, Rb-Sr, AND U-Pb AGE DETERMINATIONS IN ARIZONA

by

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Geological Survey Branch

Map 25
1986



Codes for Method of Age Determination

- F - Fission-track
- P - U-Pb
- S - Rb-Sr

Codes for Material Dated

- | | | |
|-------------|-----------------------|-----------------|
| a - apatite | k - k-feldspar | p - plagioclase |
| b - biotite | m - muscovite | sp - sphene |
| g - glass | mi - mica | u - uraninite |
| gl - galena | mn - mineral isochron | w - whole rock |
| gt - garnet | mo - monazite | z - zircon |

EXPLANATION

This map displays all fission-track, Rb-Sr, and U-Pb age determinations in the computerized database listed in Bulletin 197. The age determinations were plotted using specialized computer programs (Reynolds and Trapp, 1986) on a photographically reduced version of the Geologic Map of Arizona (Wilson and others, 1969). The location of each age determination is indicated by a point, accompanied by the age, a capital-letter code for the method of age determination (see list at left) and a one- or two-letter code for the material dated (see list at left). Because the significance of some dates is subject to considerable interpretation, we strongly suggest that the compilation or the original reference be consulted for additional information.

References

- Reynolds, S. J., and Trapp, R. A., 1986, Computerized databases and database-access programs of the Arizona Geological Survey: Arizona Bureau of Geology and Mineral Technology Open-File Report 86-7, 66 p.
- Wilson, E. D., Moore, R. T., and Cooper, J. R., 1969, Geologic map of Arizona: Arizona Bureau of Mines and U.S. Geological Survey, scale 1:500,000.