

RECONNAISSANCE GEOLOGIC MAP
OF THE MERRITT HILLS,
SOUTHWESTERN YAVAPAI COUNTY,
ARIZONA

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1985

MAP UNITS

- Qs Quaternary surficial deposits.
- d dikes of unknown age; includes diabase, hornblende andesite, and rhyolite.
- pEdb Precambrian (?) diabase.
- pCga Precambrian (?) aplite.
- pCg Precambrian biotite granite to granodiorite; equigranular to porphyritic, medium-to-coarse-grained, and locally foliated.
- pCgm Precambrian muscovite-garnet granite; varies from medium-grained leucogranite to aplite and pegmatite, locally contains minor amounts of biotite; commonly foliated, especially near screens of metamorphic rocks.
- pCm Precambrian metamorphic rocks; includes banded quartzofeldspathic gneiss, mica schist, and vitreous white quartzites, strongly foliated.

SYMBOLS

- contact, dashed where approximately located; queried where uncertain.
- gradational contact.
- strike and dip of crystalloblastic foliation.
- strike of vertical crystalloblastic foliation.
- trend and plunge direction of axis of small-scale fold.
- strike and dip of joint.
- strike of vertical joint.

ARIZONA BUREAU OF GEOLOGY
AND MINERAL TECHNOLOGY
Open File Report 85-5

