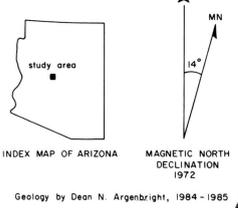
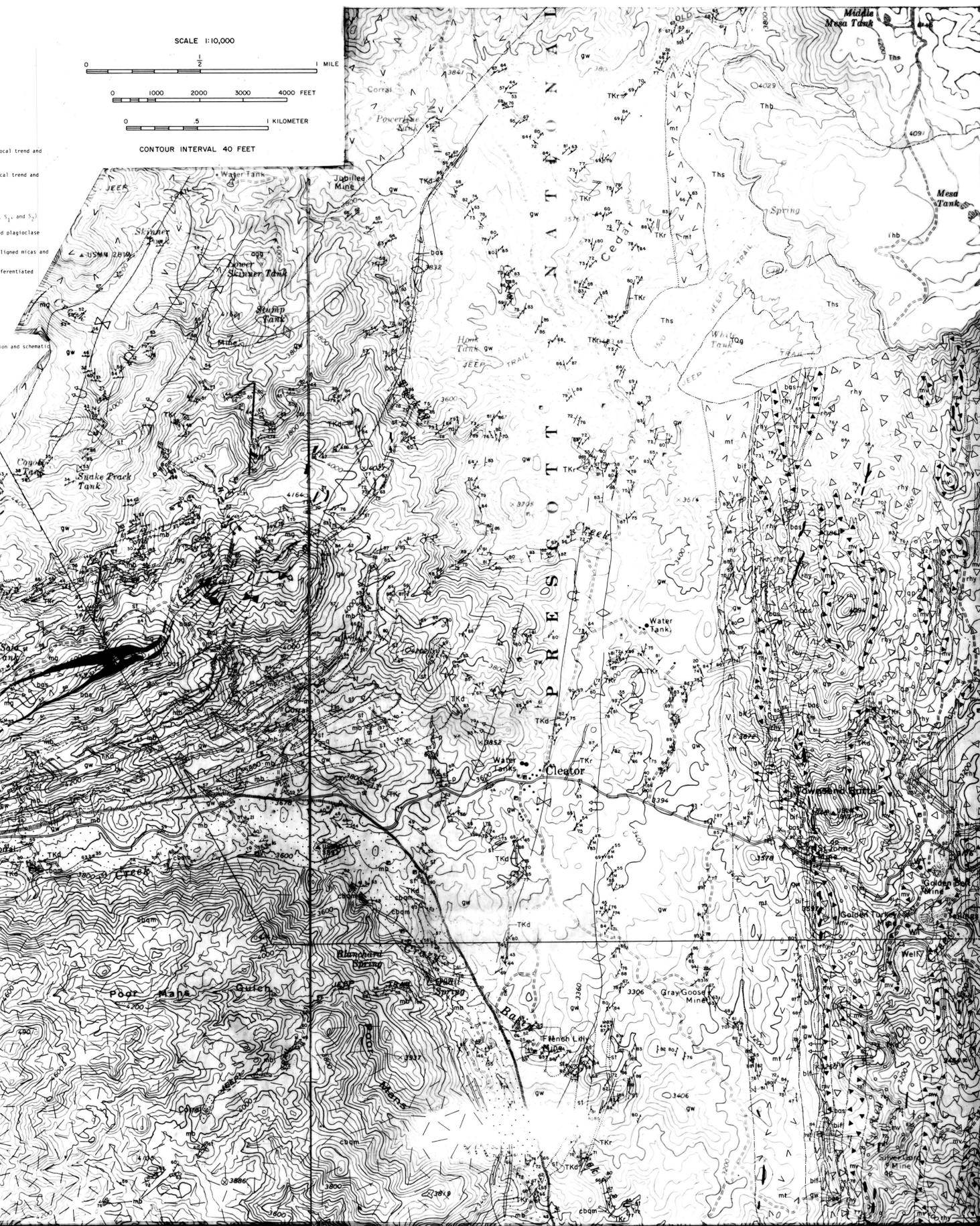
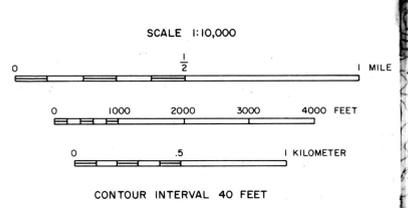


GEOLOGIC MAP AND PROTEROZOIC STRUCTURE OF CRAZY BASIN AREA, YAVAPAI COUNTY, ARIZONA

PLATE I EXPLANATION

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| <p>PHANEROZOIC</p> <p>TERTIARY AND QUATERNARY GRAVELS UNDIVIDED</p> <p>HICKEY FORMATION</p> <p>UPPER CRETACEOUS OR LOWER TERTIARY DIKES</p> <p>APLITE</p> <p>PEGMATITE</p> <p>VEIN QUARTZ</p> <p>CRAZY BASIN QUARTZ MONZONITE</p> <p>PELTIC METASEDIMENTARY ROCKS</p> <p>STAVROLITE BEARING UNITS</p> <p>MB(MUSCOVITE-BIOTITE SCHIST)</p> <p>BANDED IRON FORMATION</p> <p>CHERT</p> <p>MAFIC METAGYPSACK AND METAVOLCANICS</p> <p>MAFIC METAVOLCANICS</p> <p>LITHOLOGIES EAST OF THE SHILOCK FAULT</p> | <p>Contact</p> <p>Contact, located approximately (10 to 20 meters)</p> <p>Contact, located very approximately</p> <p>Transitional contact</p> <p>Contact, inferred from air photographs</p> <p>Fault, showing dip</p> <p>Fault zone</p> <p>Trace of axial surface of anticline</p> <p>Trace of axial surface of syncline</p> <p>Trace of axial surface of overturned antiform, showing local trend and plunge of hingeline</p> <p>Trace of axial surface of overturned synform, showing local trend and plunge of hingeline</p> <p>Strike and dip of bedding where younging is known (S₀)</p> <p>Strike and dip of compositional layering (Transposed S₁, S₂ and S₃)</p> <p>Strike and dip of foliation in pluton, defined by aligned plagioclase and micas</p> <p>Strike and dip of foliation (S₁), generally defined by aligned micas and amphiboles</p> <p>Strike and dip of crenulation cleavage (S₂), locally differentiated</p> <p>Strike and dip of pegmatite</p> <p>Trend and plunge of mineral lineation</p> <p>Trend and plunge of long axis of boudin</p> <p>Trend and plunge of minor fold axes showing fold generation and schematic map view of ruled surface</p> <p>Strike of pillow structure in metabasalts</p> |
|--|--|



CROSS SECTION NO VERTICAL EXAGGERATION

