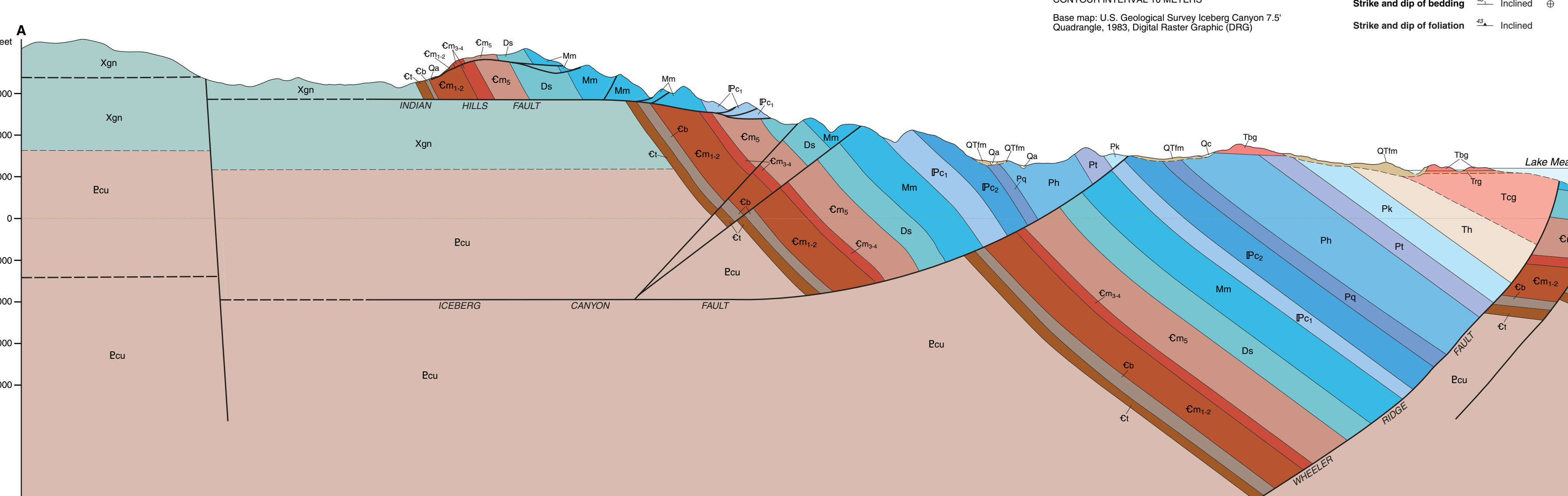
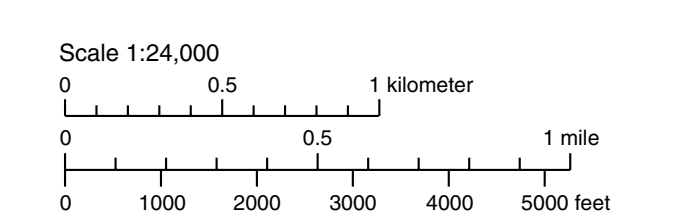


- Legend and detailed descriptions of geological units, including: Oa Alluvial deposits (Holocene), Qf Alluvial fan and pediment deposits (late Pleistocene to Holocene), Qc Colluvium (Pleistocene to Holocene), QTI Alluvial fan and pediment deposits of Grand Wash Bay (Pleistocene to Holocene), QTL Landslide and talus deposits (Pliocene? to Holocene), QTI Older alluvial fan and pediment deposits (Pliocene? to Pleistocene), QTOG Colorado River gravels (Pliocene to Pleistocene), Tbg Basalt of Grand Wash Bay (early Pliocene), Trg Red sandstone and siltstone of Grand Wash Bay (middle Miocene to early Pliocene), Tsgw Sandstone and siltstone of the Grand Wash trough (middle Miocene to early Pliocene), Tc Conglomerate of the Grand Wash trough and Gregg Basin (middle Miocene to early Pliocene), Tg Conglomerate of Grand Wash Bay (middle Miocene to early Pliocene), Tg Crackle breccia (middle to late Miocene), Tuf Tuff of Pearce Ferry (middle Miocene), Th Horse Spring Formation (middle Miocene), Ph Hermit Formation and Cocoon Sandstone (Pleistocene to Holocene), Pk Kaibab Formation (Permian), Pt Toroweep Formation (Permian), Pq Quantowep Sandstone (Permian), Umm Upper Member of the Callville Formation (Pennsylvanian), Pci Lower Member of the Callville Formation (Pennsylvanian), Mm Monte Cristo Formation (Mississippian), Ss Sulfur Formation (Middle Devonian), Muuv Muav Limestone Formation, Units 5 (Late Cambrian), Muuv Muav Limestone Formation, Units 3 and 4 (Middle Cambrian), Muuv Muav Limestone Formation, Units 1 and 2 (Middle Cambrian), Bright Angel Formation (Middle Cambrian), Tap Tapscott Sandstone (Early Cambrian), Ecu Undifferentiated Proterozoic crystalline rocks (Proterozoic), Yg Gold Butte Granite (Middle Proterozoic), Xgn Xenocrystic gneiss (Early Proterozoic), Xgnf Granitic gneiss and amphibolite (Early Proterozoic), Xgf Granitic gneiss (Early Proterozoic), Xum Ultramafic rocks (Early Proterozoic), Xog Orthogneiss (Early Proterozoic), Ws Waserburg and Langhorne (1.7-1.8 Ga), Dep Depositional facies (1.7-1.8 Ga), Gm Garnet gneiss (Early Proterozoic).

PRELIMINARY GEOLOGIC MAP OF THE ICEBERG CANYON QUADRANGLE, CLARK COUNTY, NEVADA AND MOHAVE COUNTY, ARIZONA

Robert J. Brady, Joan E. Fryxell, and Brian P. Wernicke

2002



- Contact symbols: Dashed where approximately located, short dashes where inferred and dotted where concealed.
- Normal fault symbols: Dashed where approximately located, short dashes where inferred; dotted where concealed, ball on downthrown side; showing strike and dip of fault plane and trend of fault strike.
- Strike slip fault symbols: Dashed where approximately located; short dashes where inferred; hachures on downthrown side.
- Strike slip fault symbols: Dashed where approximately located, short dashes where inferred; arrows indicate relative motion.
- Strike and dip of bedding symbols: Inclined, Horizontal, Vertical.
- Strike and dip of foliation symbols: Inclined.

References section listing geological studies and publications by authors such as Anderson, Young, E. C., and others.

Field work done in 2002. DRAFT Preliminary geologic map. Has not undergone official review. May be revised before publication. First Edition, first printing 2002. Printed by Nevada Bureau of Mines and Geology (775)784-6691, ext. 2; www.nrbmg.unlv.edu; nrbmgstaff@unlv.edu; Cartography by Robert Chaney. Geologic mapping was supported by the U.S. Geological Survey STATEMAP Program (agreement No. 01-HQ-P4).