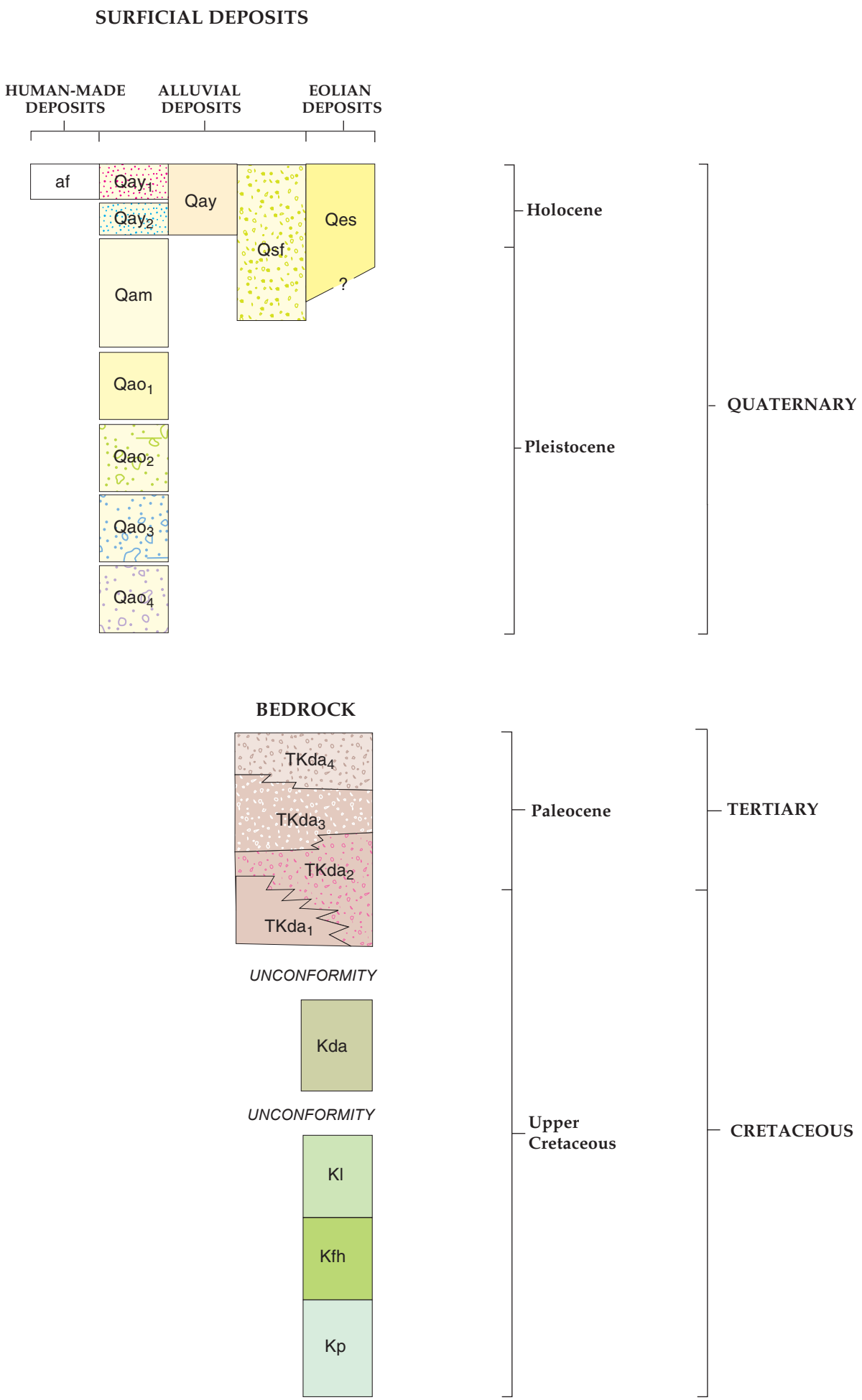


CORRELATION OF MAP UNITS



LIST OF MAP UNITS

The complete description of map units and references are in the accompanying booklet.

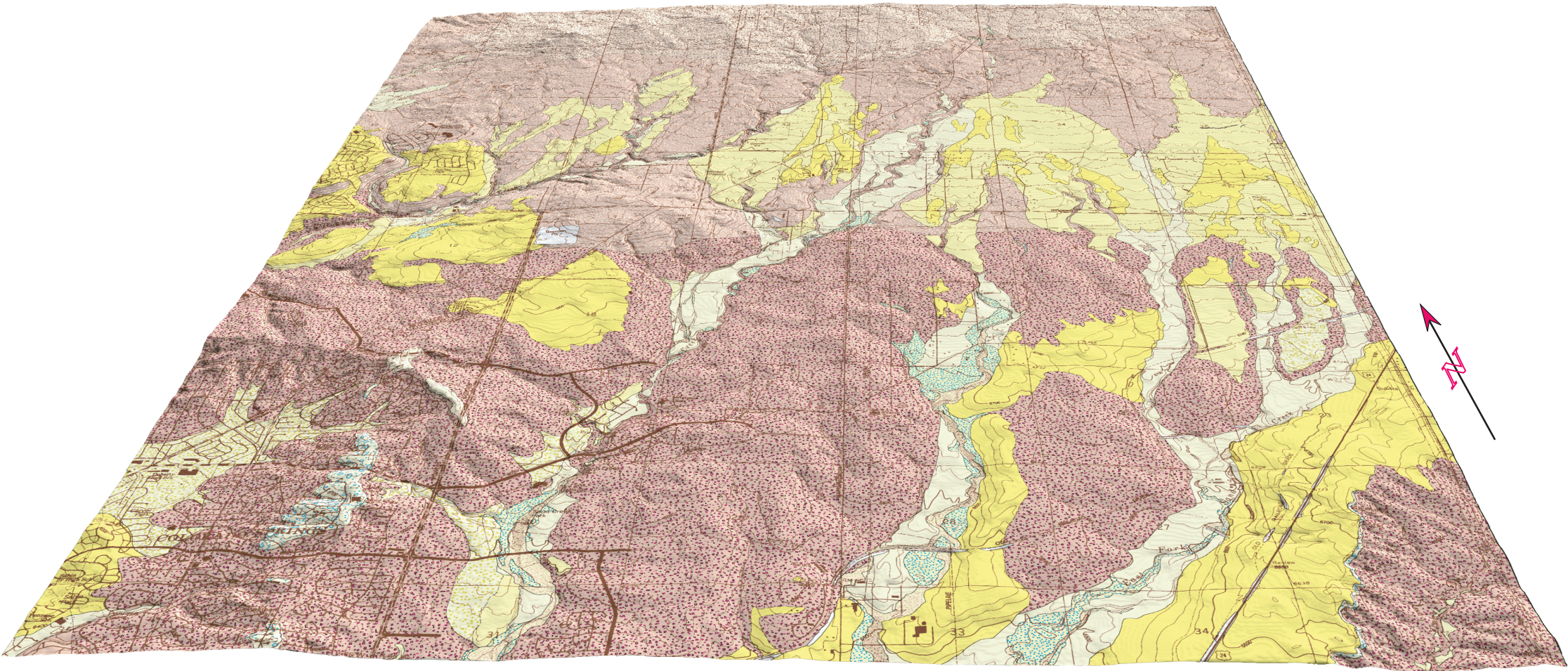
SURFICIAL DEPOSITS

- HUMAN-MADE DEPOSITS**
- af Artificial fill (late Holocene)
- ALLUVIAL DEPOSITS**
- Qay1 Young alluvium one (late Holocene)
 - Qay2 Young alluvium two (late and middle? Holocene)
 - Qay Young alluvium, undivided (late and middle? Holocene)
 - Qam Middle alluvium (early Holocene and late Pleistocene)
 - Qao1 Old alluvium one (late-middle Pleistocene)
 - Qao2 Old alluvium two (late-middle Pleistocene)
 - Qao3 Old alluvium three (middle-middle Pleistocene)
 - Qao4 Old alluvium four (middle? Pleistocene)
 - Qes Sheetwash and fan alluvium, undivided (Holocene and late Pleistocene)
- EOLIAN DEPOSITS**
- Qes Eolian sand (Holocene and Pleistocene?)
- BEDROCK DEPOSITS**
- Dawson Formation (Upper Cretaceous, Paleocene and Eocene)
 - Upper part of the Dawson Formation
 - TKda4 Facies four (Paleocene)
 - TKda3 Facies three (Paleocene)
 - TKda2 Facies two (Paleocene and Upper Cretaceous)
 - TKda1 Facies one (Paleocene and Upper Cretaceous)
 - Lower part of the Dawson Formation (Upper Cretaceous)—Unit is shown only on cross section A—A'
 - Ki Laramie Formation (Upper Cretaceous)—Unit is shown only on cross section A—A'
 - Kfh Fox Hills Sandstone (Upper Cretaceous)—Unit is shown only on cross section A—A'
 - Kp Pierre Shale (Upper Cretaceous)—Unit is shown only on cross section A—A'

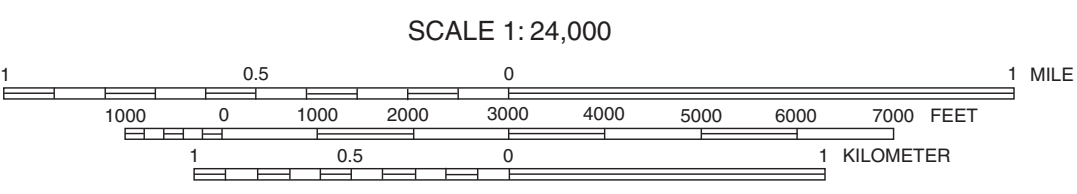
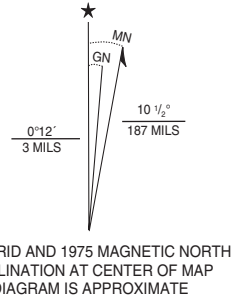
MAP SYMBOLS

- Contact—Dashed where approximately located, dotted where concealed, queried where uncertain
- Strike and dip of inclined beds—Direction of dip shown by crossbar, angle of dip shown in degrees where measurable
- Radiocarbon sample locality
- A—A' Alignment of cross section

SHADED-RELIEF MAP OF THE FALCON NW QUADRANGLE WITH GEOLOGY OVERLAY; OBLIQUE VIEW LOOKING NORTH



Base from U.S. Geological Survey, 1975
Polyconic projection, 1927 North American Datum
10,000-foot grid based on Colorado coordinate system, central zone
1,000-meter Universal Transverse Mercator grid ticks, zone 13



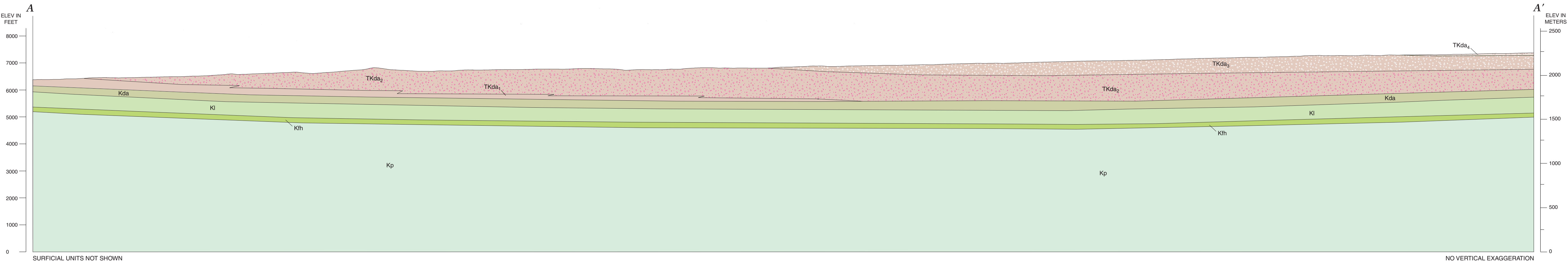
Geology mapped in 2002
Cartography by Karen Morgan



Bill Owens, Governor
State of Colorado
Greg Walches, Executive Director,
Department of Natural Resources



Ronald W. Cattany, Director,
Division of Minerals and Geology



GEOLOGIC MAP OF THE FALCON NW QUADRANGLE, EL PASO COUNTY, COLORADO

By Richard F. Madole
2003