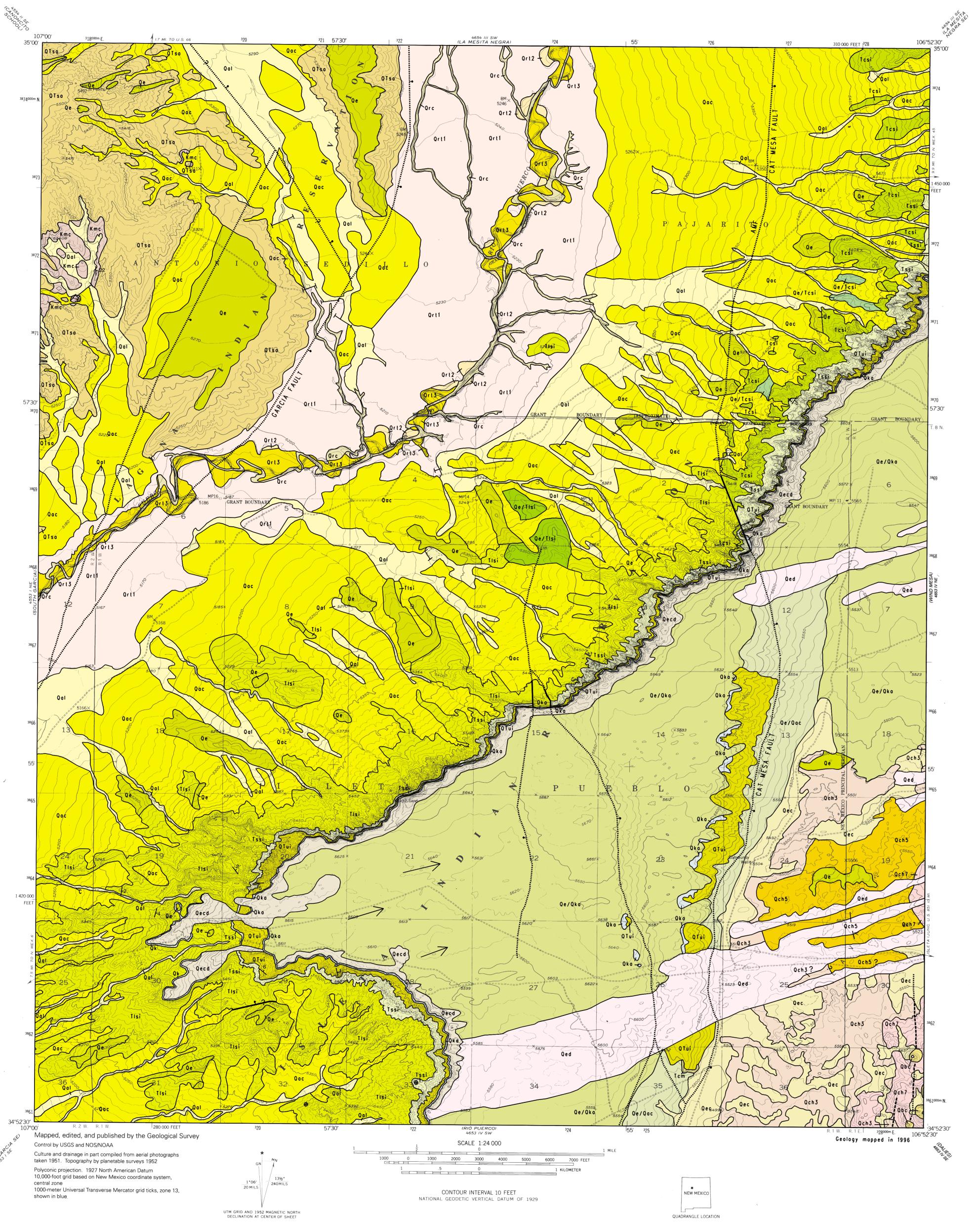
U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY



MAP UNITS

Alluvial deposit Alluvial, colluvial, and eolian sand deposit Eolian and colluvial deposit Cliff eolian dunes Qecd Eolian sheet and alluvium and collium deposit Eolian sheet and coarse sand and gravel lithofacies of Isleta Reservation, Santa Fe Group Rio Puerco, present channel and tributaries deposit Qrt3 Rio Puerco, lower terroce deposit Qrt2 Rio Puerco, middle terroce deposit Rio Puerco, upper terrace deposit Qrt1 Cinder deposit of Cat Hills cones Lava flow 7 of Cat Hills Qch7 Qch5 Lava flow 5 Cat Hills Lava flow 3 of Cat Hills Qch3 Qka Calcic soils of Llano de Albuquerque Sand and gravel lithologies of Apache Graben, Santa Fe Group QTsa Upper sand and gravel lithofacies of Isleta Reservation, Santa Fe Group Silt, sand, and clay lithofacies of Isleta Reservation, Santa Fe Group Tcm Lava flow of Cat Mesa Coarse sand and gravel litholocies of Isleta Reservation, Santa Fe Group Lower sand and gravel lithofacies of Isleta Reservation, Santa Fe Group Crevasse Canyon Formation, Mesa Verde Group

MAP SYMBOLS

Contact—Contacts between bedrock and surfcial deposits approximately located

Normal fault—Bar and ball on downthrown side; arrow indicates amount and direction of dip:
dashed where approximately located; dotted where concealed; queried where uncertain

Strike and dip of sedimentary beds
Inclined

Horizontal

Crater of cinder cone
Fault delineated from aeromagnetic map (V.J.S. Grauch, U.S. Geological Survey,
unpublished data, 1998)

C Charcoal sample location

Age determination sample location

Earth dam

Predominate wind direction based on orientation of sand dunes

PRELIMINARY GEOLOGIC MAP OF THE DALIES NORTHWEST QUADRANGLE, BERNALILLO COUNTY, NEW MEXICO

