



MAP UNITS

Oal	Alluvial deposit
Oac	Alluvial, colluvial, and eolian sand deposit
Oed	Eolian dune
Oec	Eolian and colluvial deposit
Oecd	Cliff eolian dunes
Oe	Eolian sheet
Oe/Oac	Eolian sheet and alluvium and colluvium deposit
Oe/Old	Eolian sheet and Los Duranes Formation
Oe/Oka	Eolian sheet and soils of the Llano de Albuquerque
Oe/OTsi	Eolian sheet and sand, silt, and clay lithofacies of Iseto Reservation
Oe/OTul	Eolian sheet and upper sand and gravel lithofacies of Iseto Reservation, Santa Fe Group
Oq	Calcic soil
Oq/Oc	Calcic soil and colluvium of Blackbird cinder cone
Obc	Cinder deposit of Cat Hills cones
Och7	Lava flow 7 of Cat Hills
Och6	Lava flow 6 of Cat Hills
Och5	Lava flow 5 of Cat Hills
Och3	Lava flow 3 of Cat Hills
Och1	Lava flow 1 of Cat Hills
Oka	Calcic soils of Llano de Albuquerque
Oid	Los Duranes Formation
OTsi	Sand, silt, and clay lithofacies of Iseto Reservation
OTul	Upper sand and gravel lithofacies of Iseto Reservation, Santa Fe Group
OTul	Fine grained lithofacies of Iseto Reservation, Santa Fe Group
Tssi	Silt, sand, and clay lithofacies of Iseto Reservation, Santa Fe Group
Tcsi	Coarse sand and gravel lithofacies Iseto Reservation, Santa Fe Group
Twmc	Cinder deposit of Wind Mesa
Twm3	Lava flow 3 of Wind Mesa
Twm2	Lava flow 2 of Wind Mesa
Twm1	Lava flow 1 of Wind Mesa
Twm	Undivided lava flows of Wind Mesa

MAP SYMBOLS

— —	Contact—Contacts between bedrock and surficial deposits approximately located
— — —	Normal fault—Bar and ball on downthrown side; dashed where approximately located; dotted where concealed; queried where uncertain
— — —	Strike and dip of sedimentary beds and lava flows
— — —	Inclined
— — —	Horizontal
⊕	Crater of cinder cone
⊗	Age determination sample location
AMF	Fault delineated from aeromagnetic map (V.J.S. Grouch, U.S. Geological Survey, unpublished data, 1998)

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Culture and drainage in part compiled from aerial photographs taken 1951. Topography by plane table surveys 1952
Polyconic projection, 1927 North American Datum
10,000-foot grid based on New Mexico coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Geology mapped in 1997

ROAD CLASSIFICATION
Light duty Unimproved dirt

PRELIMINARY GEOLOGIC MAP OF THE WIND MESA QUADRANGLE, BERNALILLO COUNTY, NEW MEXICO

By
FLORIAN MALDONADO AND ARTHUR ATENCIO

1998



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