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

Prepared in cooperation with the
NEW MEXICO OFFICE OF THE STATE ENGINEER

Scientific Investigations Report 2009-5204
East Mountain Study Area-Sheet
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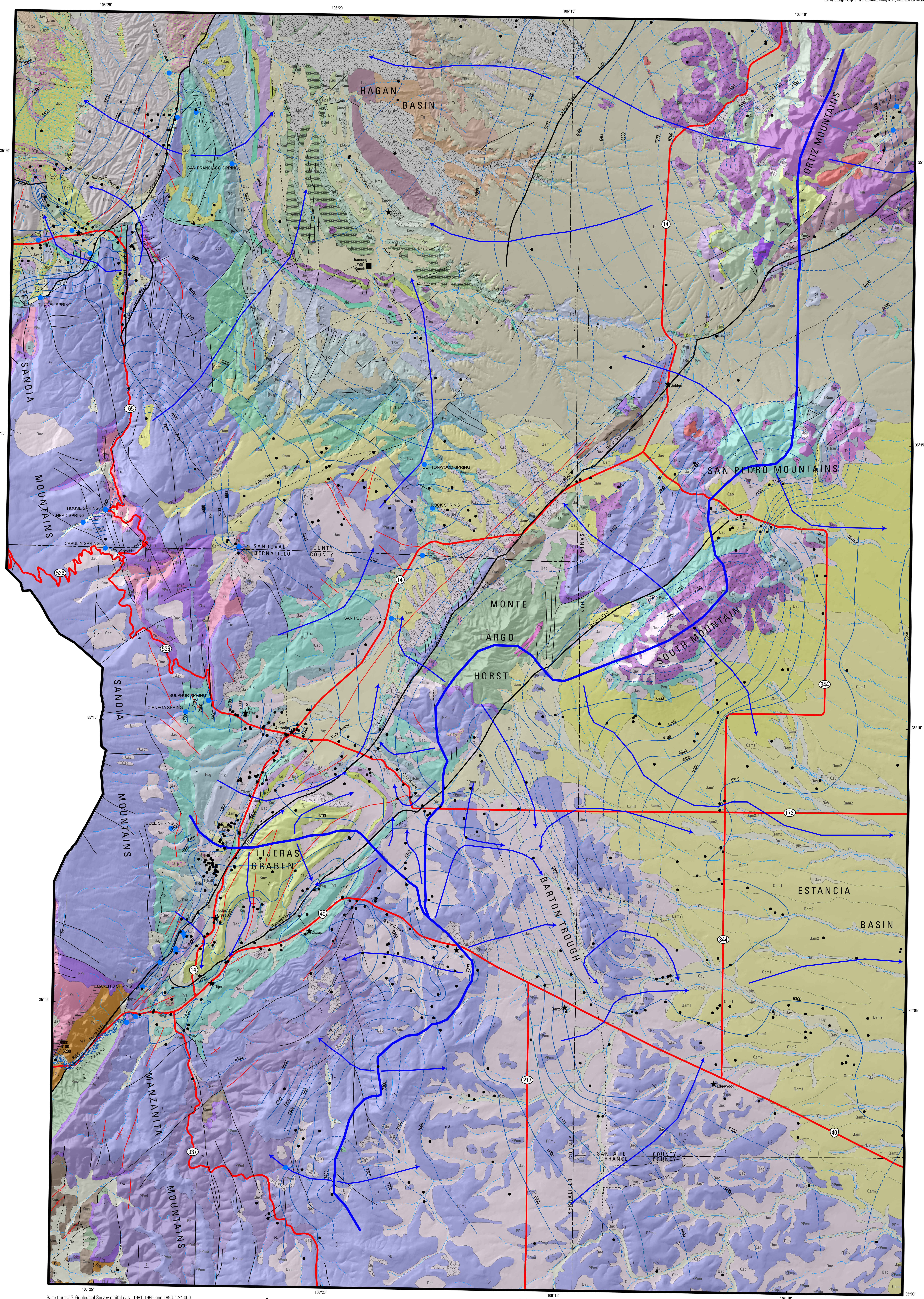
Geohydrologic Map of East Mountain Study Area, Central New Mexico



Base from U.S. Geological Survey digital data, 1991, 1995, and 1996, 1:24,000
Universal Transverse Mercator projection
Zone 13, North American Datum of 1927
Geologic data from Williams and Cole, 2007

0 — 5 MILES
0 — 5 KILOMETERS

EXPLANATION

- Groundwater divide.
- Direction of groundwater flow.
- 6400 — Water-level contour—shows height of water level above NGVD 29 datum, in feet. Dashed where approximately located. Contour interval 100 feet. Water-level contours from water levels 1928 to 2005.
- Anticline showing axis of fold and direction of dip of limbs. Dashed where approximately located.
- Overturned anticline showing axis of fold and direction of dip of limbs. Dashed where approximately located.
- Syncline showing axis of fold and direction of dip of limbs. Dashed where approximately located.
- Overturned syncline showing axis of fold and direction of dip of limbs. Dashed where approximately located.
- Monocline showing axis of folds and direction of dip. Dashed where approximately located.
- Major fault. Dashed where approximately located.
- Minor fault. Dashed where approximately located.
- Minor fault, inferred from aeromagnetic data.
- Geologic contact. Dashed where approximately located.
- Well used for water-level measurement.
- Spring.
- Geologic units are horizontal.
- 2 — Strike and dip of geologic units. Number indicates inclination of geologic units from horizontal, in degrees.

See appendix 1 for definitions of geologic unit labels.

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By
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2009