

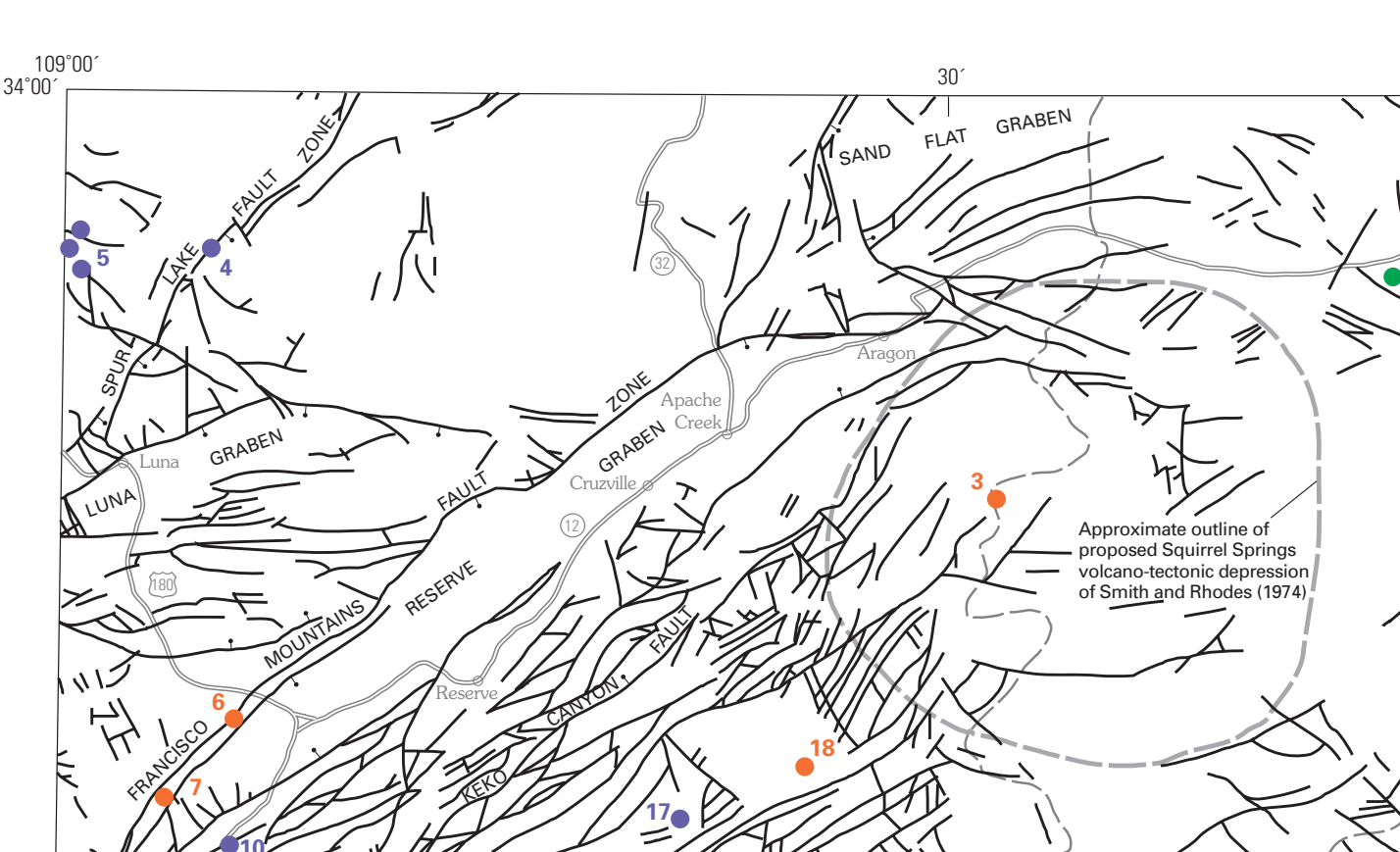
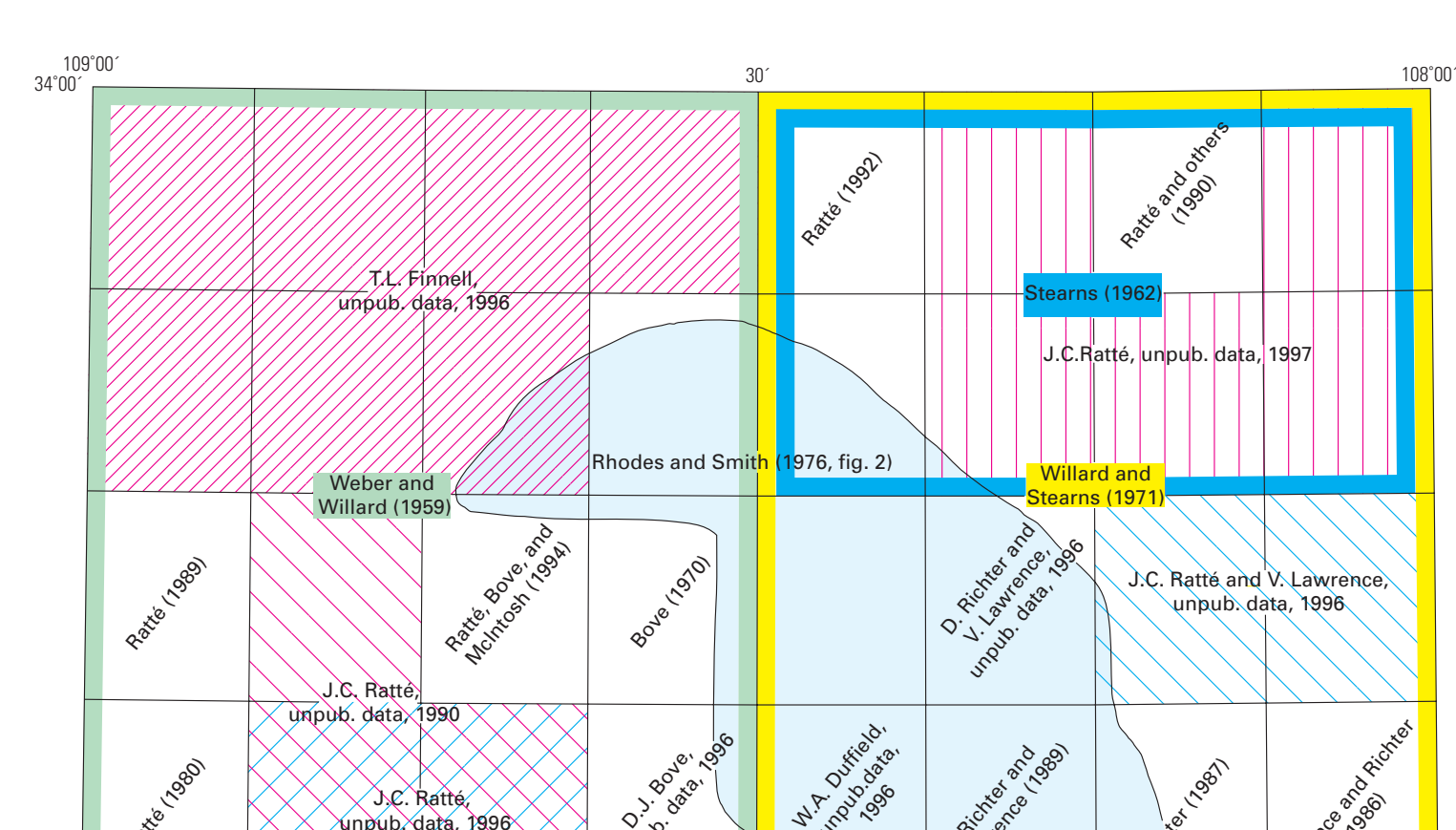
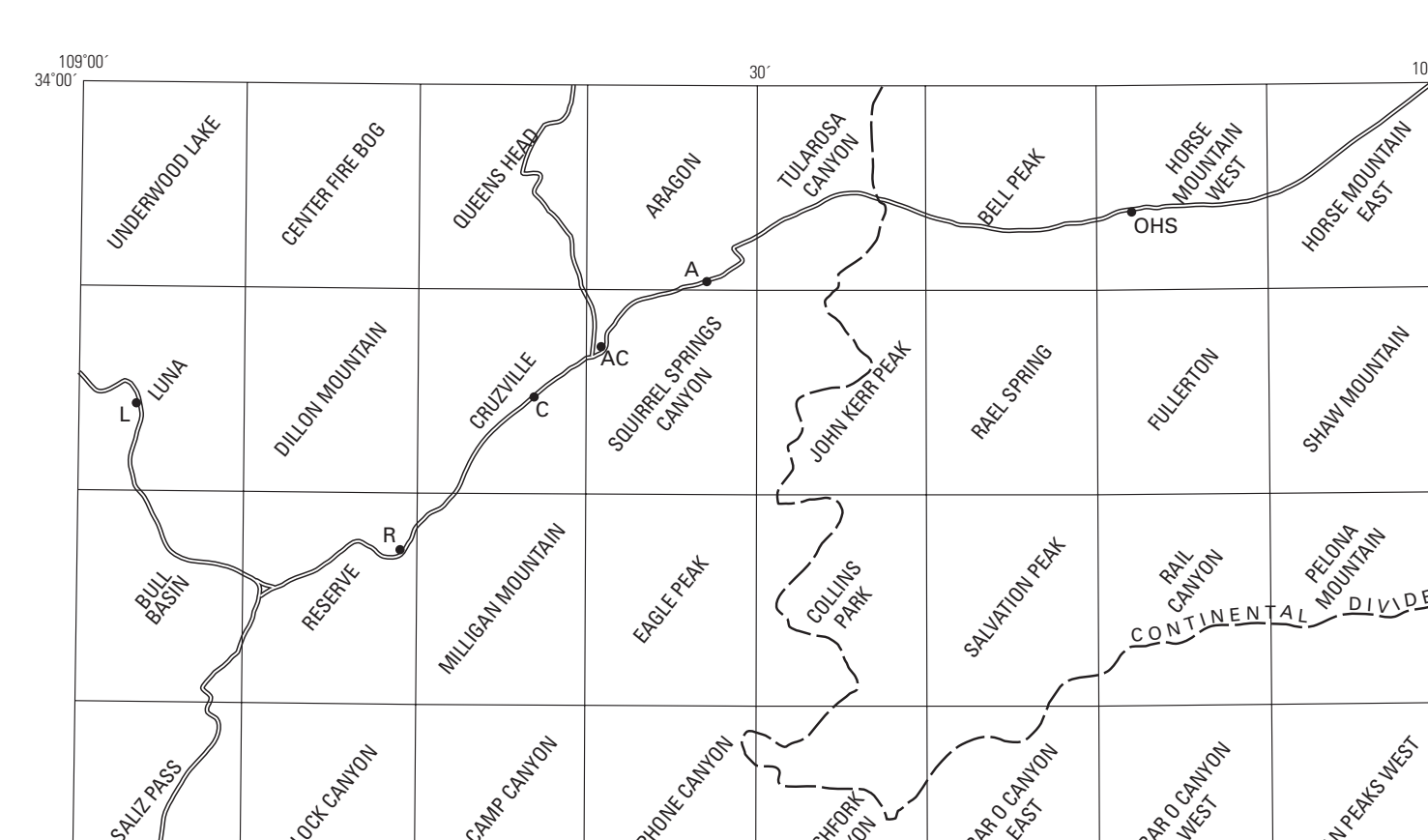
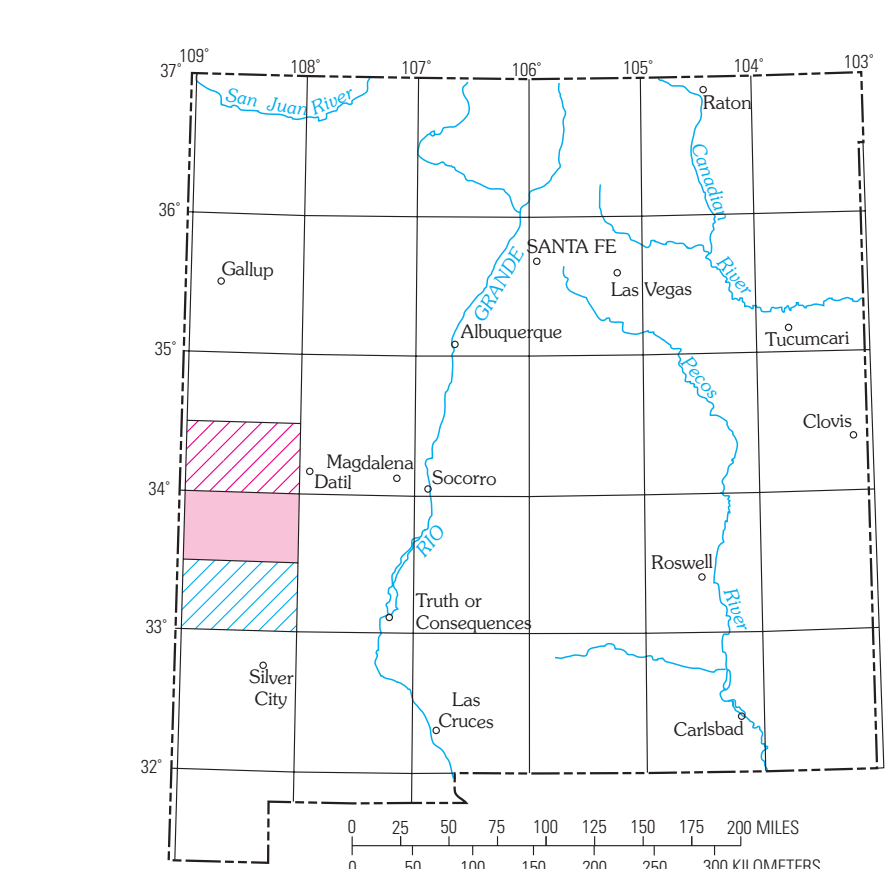
Base from U.S. Geological Survey, 1983 Projection and 10,000 meter grid, zone 12 Universal Transverse Mercator 25,000-foot grid ticks based on New Mexico coordinate system, west zone, 1927 North American datum

SCALE 1:100,000 0 1 2 3 4 5 MILES 0 1 2 3 4 5 KILOMETERS

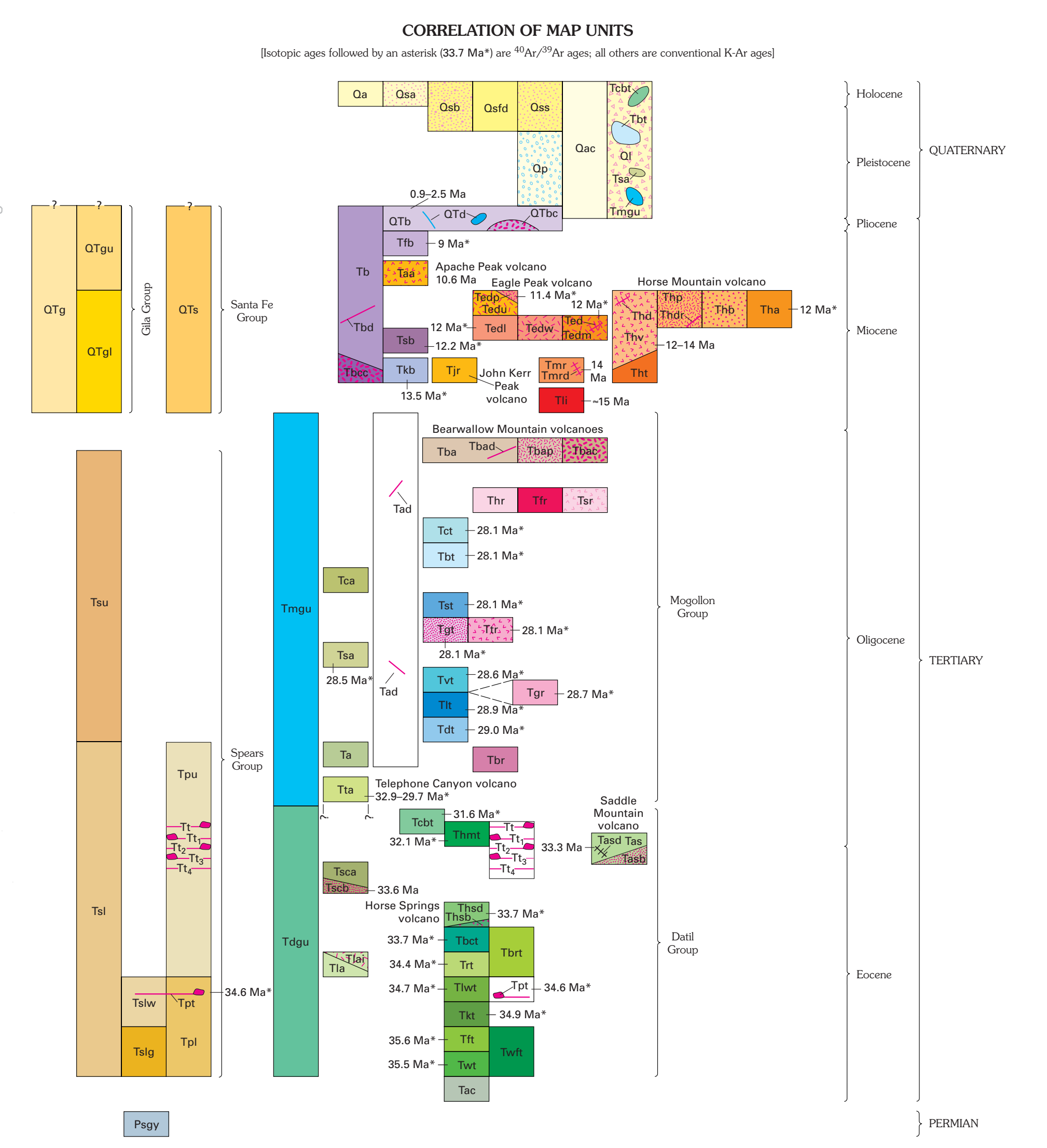
Edited by Diane E. Lane. Cartography by Dennis Wip and Joe Romano. Map design by Diane E. Lane, M. M. Mervin, K.E. Fresh, and G.L. Jones. New Mexico Bureau of Mines and Mineral Resources. Nancy Brock and Diane E. Lane. Digital cartography by Diane E. Lane and Dennis Wip. Manuscript approved for publication November 3, 1997.

EXPLANATION 1. Phosgene to Pleistocene basaltic eruption centers marked by crater cones, dike lenses of flows associated with crater cones, or small dike swarms associated with crater cones 2. Underflow Lake crater cone 3. Crater cone in Pueblo Creek south of Saddle Mountain 4. Crater cone remnants and associated dike and flows along upper Salt Canyon north of Saddle Mountain 5. Eshelton crater cone and feeder dike along San Francisco River above mouth of Salt Canyon 6. Small plug and associated flows and crater cones along Rio Huerfano 7. Isolated flow and eroded crater basaltic of Fairbury Hill northeast of Mesquite Reservoir fault zone or Mesquite Reservoir 8. Horse Mountain composite volcano, domes and flows of andesite to rhyolite 9. John Kerr Peak composite domes of dike and rhyolite 10. Leggett Spring andesitic stock and associated smaller eruptions or flows 11. Eagle Peak andesite and dacite composite domes and flows 12. Saddle Mountain andesite composite volcano and associated flows and satellite crater cones, mostly aligned along north-south-trending Mesquite Reservoir fault zone or Mesquite Reservoir 13. Horse Mountain composite volcano, domes and flows of andesite to rhyolite 14. Crater cone in Sheepherders Gulch, north of Eschleher Canyon 15. Crater cone in Shepherd's Gulch, north of Eschleher Canyon 16. Crater cone in Shepherd's Gulch, north of Eschleher Canyon 17. Saddle Mountain andesite composite volcano and associated flows and satellite crater cones, mostly aligned along north-south-trending Mesquite Reservoir fault zone or Mesquite Reservoir 18. Saddle Mountain andesite composite volcano and associated flows and satellite crater cones, mostly aligned along north-south-trending Mesquite Reservoir fault zone or Mesquite Reservoir 19. Saddle Mountain andesite composite volcano and associated flows and satellite crater cones, mostly aligned along north-south-trending Mesquite Reservoir fault zone or Mesquite Reservoir

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LIST OF MAP UNITS. Table listing geological units with their symbols, names, and descriptions. Includes categories for SURFICIAL DEPOSITS, VOLCANIC AND VOLCANICLASTIC ROCKS, and OLDER SEDIMENTARY ROCKS.

CONVERSION FACTORS table showing conversion between metric and imperial units.

GEOLOGIC MAP OF THE TULAROSA MOUNTAINS 30' x 60' QUADRANGLE, CATRON COUNTY, NEW MEXICO

Compiled by James C. Ratté 2001