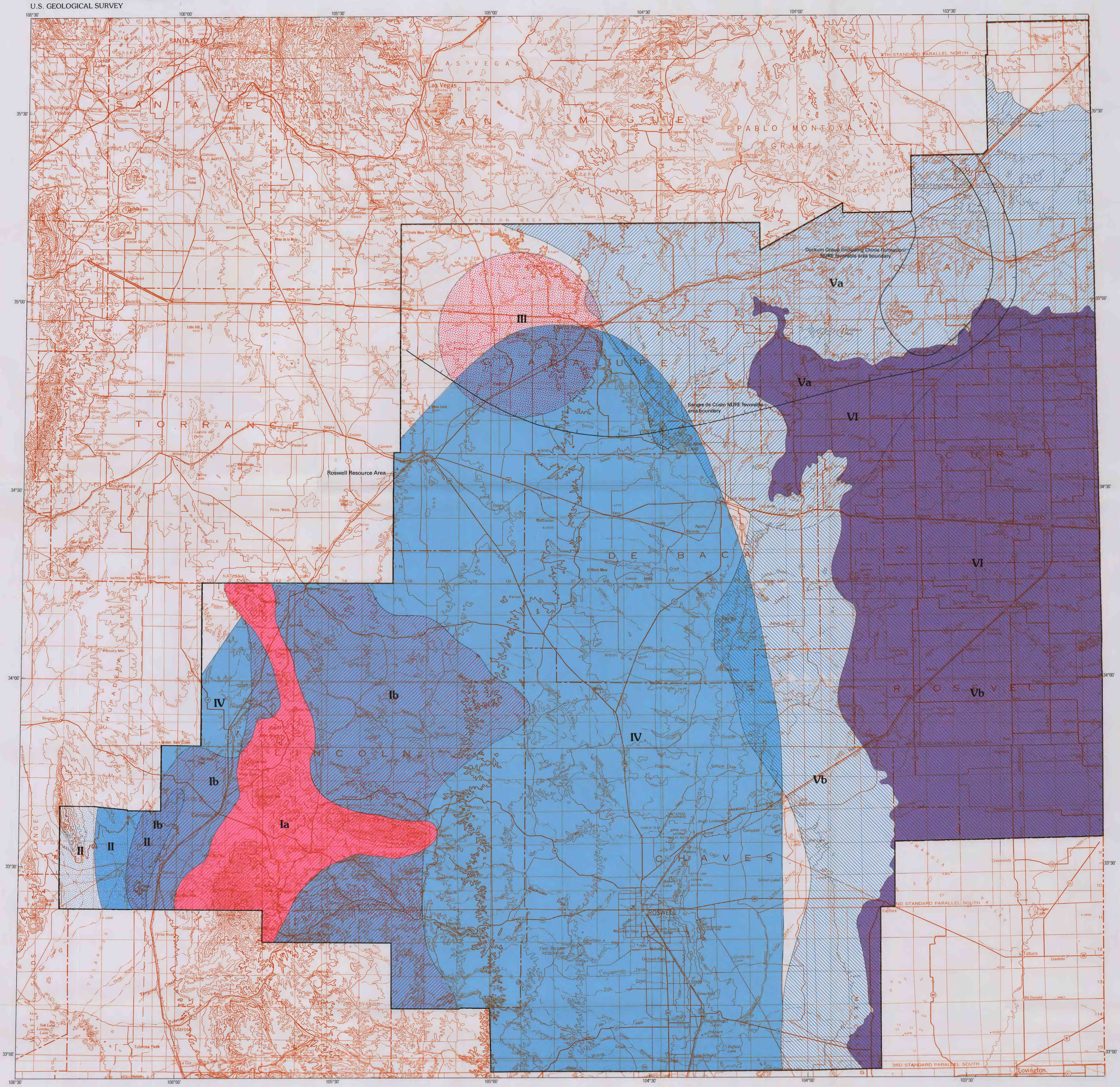
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

BULLETIN 2063
PLATE 14



Base from U.S. Geological Survey, New Mexico State, 1973
Lambert conformal conic projection

EXPLANATION

Tract I, Porphyritic intrusive rocks—Iron skarns, thorium–rare-earth-element veins, gold-silver-tellurium veins associated with alkaline rocks, polymetallic veins, replacement manganese deposits, fluorite-bastnaesite veins, epigenetic barite veins, low-fluorine porphyry molybdenum deposits, and gold–platinum-group-element placers

- 🟥 **Ia, Surface (934 mi^2)**
- ▨ **Ib, Subsurface (3,111 mi^2)**

▨ **Tract II, Sediment-hosted copper in the Abo Formation, and Mississippi Valley-type lead-zinc deposits (346 mi^2)**

▨ **Tract III, Sediment-hosted copper in the Santa Rosa Sandstone and San Andres Formation (707 mi^2)**

🟦 **Tract IV, Marine bedded gypsum in the Artesia Group, San Andres Formation, Yeso Formation, and Abo Formation (8,766 mi^2)**

Tract V, Uranium and vanadium

- ▨ **Va (4,276 mi^2)**—Carbonaceous matter relatively abundant
- ▨ **Vb (5,687 mi^2)**—Carbonaceous matter relatively minor

🟪 **Tract VI, Arid-land surficial uranium (4,938 mi^2)**

—┴— **National Uranium Resource Evaluation (NURE) program favorable area boundary**—Ticks are within favorable area

SCALE 1:500 000

10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 KILOMETERS

CONTOUR INTERVAL 500 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
1995 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 10½° EASTERLY FOR THE CENTER OF THE WEST EDGE TO 9½° EASTERLY FOR THE CENTER OF THE EAST EDGE

MAP SHOWING MINERAL RESOURCE TRACTS OF UNDISCOVERED COMMODITIES IN THE ROSWELL RESOURCE AREA, NEW MEXICO

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