

OPEN-FILE REPORT 03-124
PLATE 1

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

PREPARED IN COOPERATION WITH THE NEW MEXICO OFFICE OF THE STATE ENGINEER

AEROMAGNETIC INTERPRETATIONS FOR UNDERSTANDING THE HYDROGEOLOGIC
FRAMEWORK OF THE SOUTHERN ESPAÑOLA BASIN, NEW MEXICO

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Map scale 1:100,000
NAD27 Datum

Plate 1. Color shaded-relief image of merged, enhanced, reduced to-pole aeromagnetic data on an observation surface 300 ft (100 m) above ground from Sweeney and others (2002). An illumination angle of 270° (west) and elevation of 60° above the horizon were used in the shaded-relief algorithm for the image. The color range is stretched. Grid interval is 164 ft (50 m). Very small, pock-like anomalies are due to manmade structures.

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