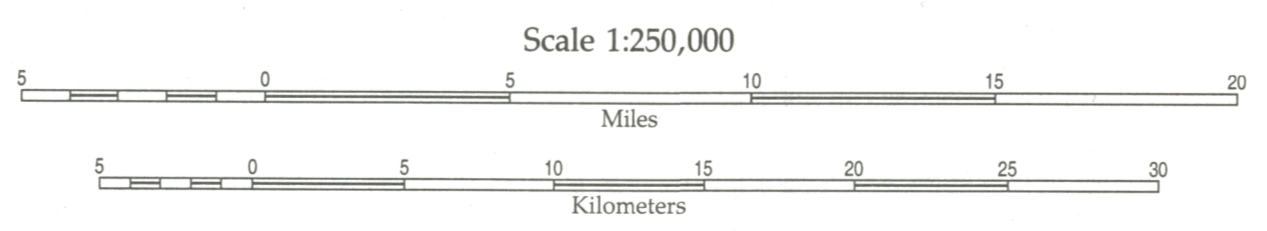


Base from U.S. Geological Survey Geology compiled by E. C. Beaumont

MAP SYMBOLS

- Geologic contact—Degree of reliability not indicated
- Approximate 200-ft overburden limit
- Contact between coal unit and overlying Tertiary rocks—Chuska Sandstone in vicinity of Chuska Mountains, Mt. Taylor volcanic rocks in vicinity of Mt. Taylor
- Pinchout of Point Lookout Sandstone
- Normal or high-angle reverse fault—Ball and bar on downthrown side where shown
- Overthrust fault—Teeth on upper plate
- NMERDI drill site



Distribution of near-surface coal deposits in the San Juan Basin, New Mexico

by Edward C. Beaumont, 1998

2703 Broadfield Parkway, NE, Suite D, Albuquerque, New Mexico 87107

DESCRIPTION OF UNITS

- Fruitland Formation—Shown to approximate overburden depth of 200 ft except in northeast area of occurrence where only coal-bearing unit is shown
- Mesaserve Group undivided—Shown on east side of map from vicinity of Chaco to Colorado State line. In northern area of deposition, coverage based is too narrow for separation of units owing to steep dips; in northern area the coal-bearing Mesaserve Formation has not been separately mapped
- Upper coal member of Manefee Formation—Shown to approximate overburden depth of 200 ft
- Cleary Coal Member (south) and lower coal member (north) of Manefee Formation—Shown to approximate overburden depth of 200 ft
- Cleary Coal Member of Manefee Formation and Gibson Coal Member of Crevasse Canyon Formation undivided—Shown to approximate overburden depth of 200 ft
- Gibson Coal Member of Crevasse Canyon Formation—Only coal-bearing unit is shown
- Dilco Coal Member of Crevasse Canyon Formation—Shown to approximate overburden depth of 200 ft in Gallup embayment; only coal-bearing unit is shown in Sun-Elight

Color separations and layout by C. A. Saklbury and D. J. McCraw
Editing by J. C. Lowe

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