

EXPLANATION

- Basalt dike or plug
- Basalt neck or volcanic cone
- Diabase dike, showing dip
- Cretaceous rocks
- Jurassic and Triassic rocks

- Contact
- Fault and fault zone  
U, upthrown side; D, downthrown side
- Anticline  
Showing trace of axial plane
- Syncline  
Showing trace of axial plane
- Anticlinal bend of monocline  
Showing trace of axial plane. Shorter arrow indicates steeper limb
- Synclinal bend of monocline  
Showing trace of axial plane. Shorter arrow indicates steeper limb

Structure contours

Drawn on base of Dakota Sandstone; dashed where projected above land surface. Contour interval is 100 feet; some contours omitted in San Ignacio fault zone. Hachures indicate structural depression

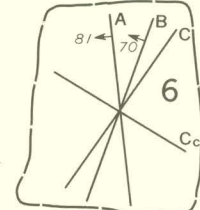
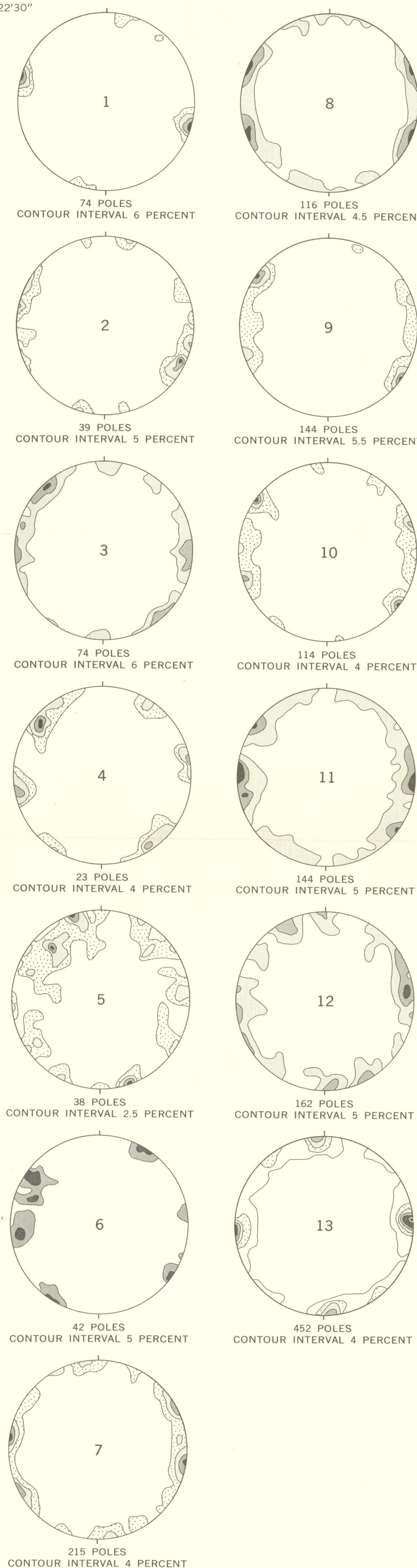
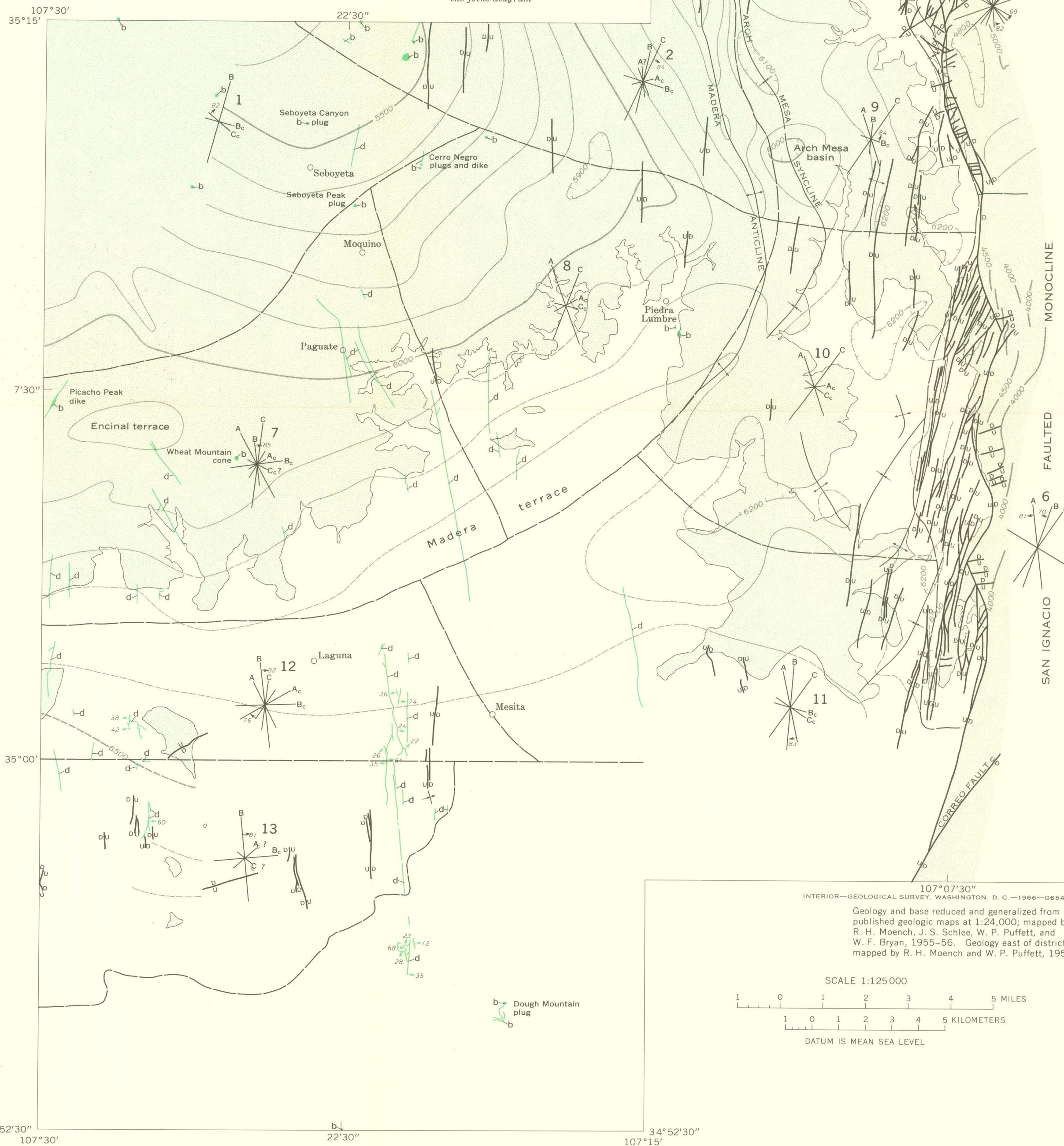


Diagram showing strike of vertical joint sets and dip of inclined joint sets. A, B, C, are major joint systems; A<sub>c</sub>, B<sub>c</sub>, C<sub>c</sub> are cross joints possibly related to major joint system. Number (6) corresponds to number on equivalent contour diagram from which the joint diagram was derived. Heavy dashed line indicates approximate area covered by the joint diagram



GENERALIZED GEOLOGIC MAP AND CONTOUR DIAGRAMS OF THE LAGUNA DISTRICT AND VICINITY, NEW MEXICO  
SHOWING CENOZOIC STRUCTURAL FEATURES, IGNEOUS DIKES, AND VOLCANIC CENTERS