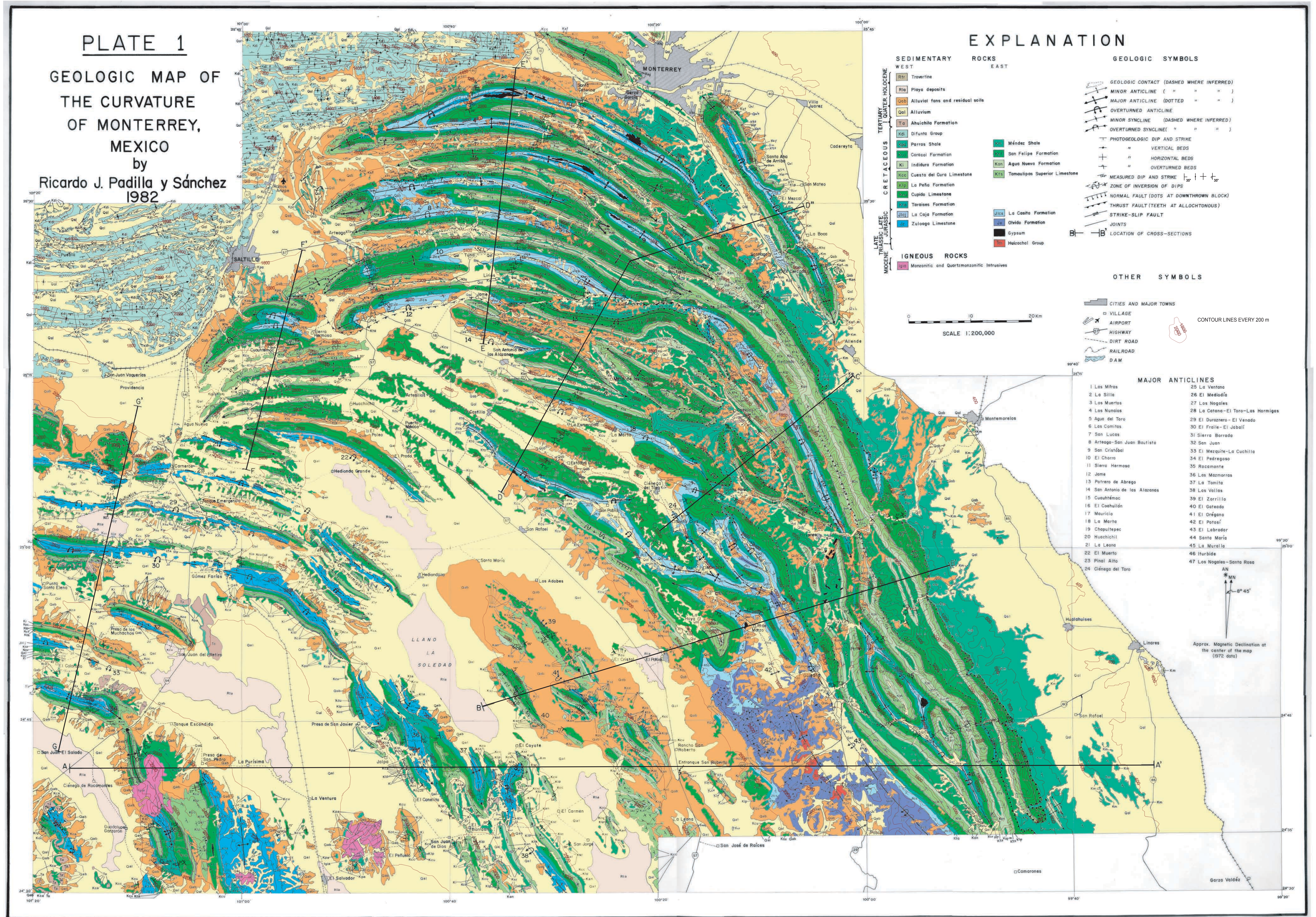


PLATE 1

GEOLOGIC MAP OF THE CURVATURE OF MONTERREY, MEXICO by Ricardo J. Padilla y Sánchez 1982



EXPLANATION

- | | | | |
|---|--|---|--|
| SEDIMENTARY ROCKS | | GEOLOGIC SYMBOLS | |
| WEST | EAST | | |
| <ul style="list-style-type: none"> Trovertine Playa deposits Alluvial fans and residual soils Alluvium Ahuichila Formation Difunta Group Parras Shale Carraol Formation Indidura Formation Cuesta del Cura Limestone La Peña Formation Cupido Limestone Taraises Formation La Caja Formation Zuloaga Limestone | <ul style="list-style-type: none"> Méndez Shale San Felipe Formation Agua Nueva Formation Tamoulipos Superior Limestone La Casita Formation Olvido Formation Gypsum Haloschist Group | <ul style="list-style-type: none"> GEOLOGIC CONTACT (DASHED WHERE INFERRED) MINOR ANTICLINE (" " ") MAJOR ANTICLINE (DOTTED " " ") OVERTURNED ANTICLINE MINOR SYNCLINE (DASHED WHERE INFERRED) OVERTURNED SYNCLINE (" " ") PHOTOLOGIC DIP AND STRIKE VERTICAL BEDS HORIZONTAL BEDS OVERTURNED BEDS MEASURED DIP AND STRIKE ZONE OF INVERSION OF DIPS NORMAL FAULT (DOTS AT DOWNTHROWN BLOCK) THRUST FAULT (TEETH AT ALLOCTONOUS) STRIKE-SLIP FAULT JOINTS LOCATION OF CROSS-SECTIONS | |
| IGNEOUS ROCKS | | OTHER SYMBOLS | |
| <ul style="list-style-type: none"> Monzonitic and Quartzmonzonitic Intrusives | | <ul style="list-style-type: none"> CITIES AND MAJOR TOWNS VILLAGE AIRPORT HIGHWAY DIRT ROAD RAILROAD DAM CONTOUR LINES EVERY 200 m | |

MAJOR ANTICLINES

- | | |
|--------------------------------|-----------------------------------|
| 1 Las Mitras | 25 La Ventana |
| 2 La Silla | 26 El Mediodía |
| 3 Los Muertos | 27 Los Nogales |
| 4 Los Nuncios | 28 La Catena-El Toro-Las Hermigas |
| 5 Agua del Toro | 29 El Durazno-El Venado |
| 6 Los Comitas | 30 El Fraile-El Jobaif |
| 7 San Lucas | 31 Sierra Borrada |
| 8 Arteaga-San Juan Bautista | 32 San Juan |
| 9 San Cristóbal | 33 El Mezquite-La Cuchilla |
| 10 El Chorro | 34 El Pedregoso |
| 11 Sierra Hermosa | 35 Rocamonte |
| 12 Jame | 36 Las Mazmorras |
| 13 Potrero de Abrego | 37 La Tomita |
| 14 San Antonio de los Alazanos | 38 Las Vallias |
| 15 Cuauhémec | 39 El Zerrillo |
| 16 El Coahuilón | 40 El Gateado |
| 17 Mauricio | 41 El Oregano |
| 18 La Marta | 42 El Patosí |
| 19 Chapultepec | 43 El Labrador |
| 20 Huachichil | 44 Santa María |
| 21 La Leona | 45 La Morilla |
| 22 El Muerto | 46 Hurulida |
| 23 Pinal Alto | 47 Los Nogales-Santa Rosa |
| 24 Ciénega del Toro | |

Approx. Magnetic Declination at the center of the map (1972 data)

8° 45'

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Padilla y Sánchez, R.J., 2007. Geology of the Curvature of Monterrey with Additions of Topography and Structural Data. Geological Society of America Digital Map and Chart Series 4, scale: 1:200,000, 2 sheets, doi: 10.1130/2007.DMCH004.

Published by
The Geological Society of America, Inc.
3300 Penrose Place, P.O. Box 9140
Boulder, Colorado 80501-9140
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