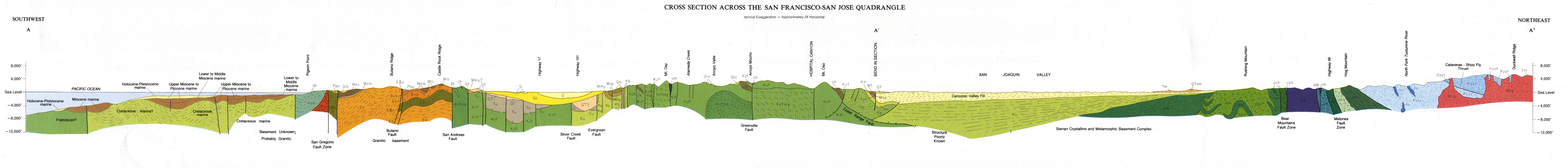
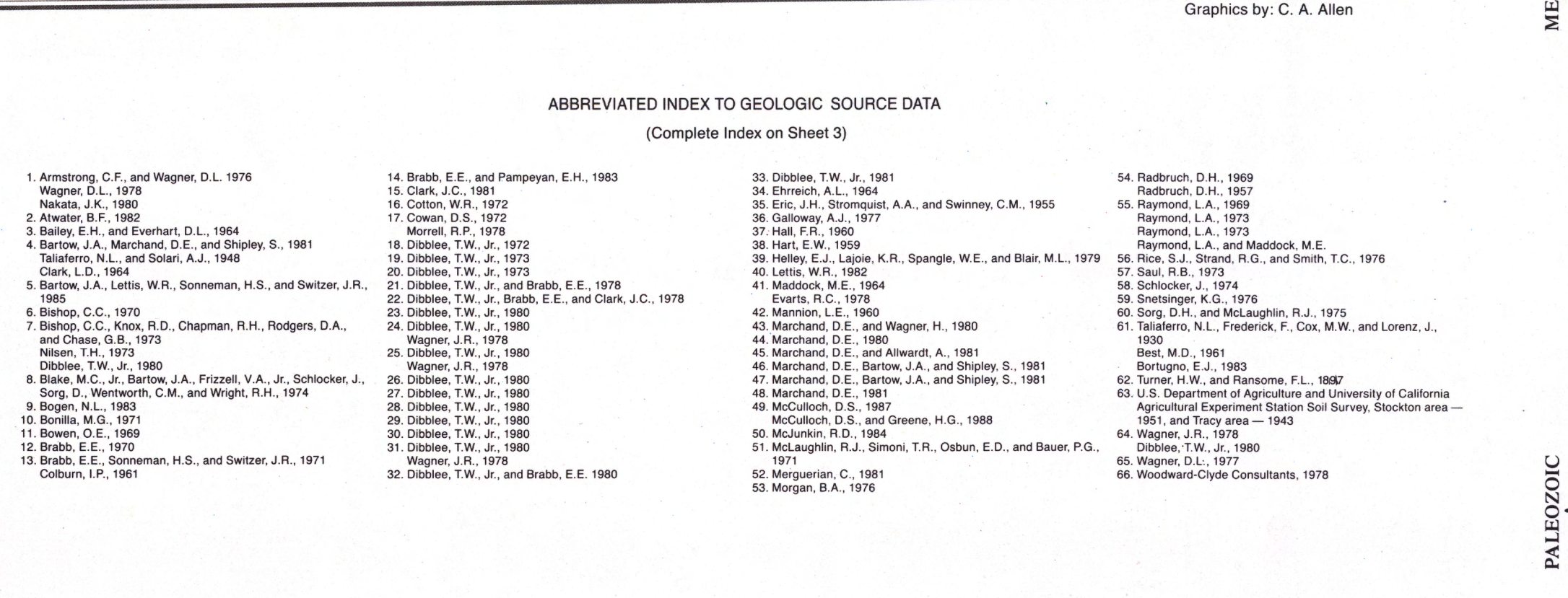
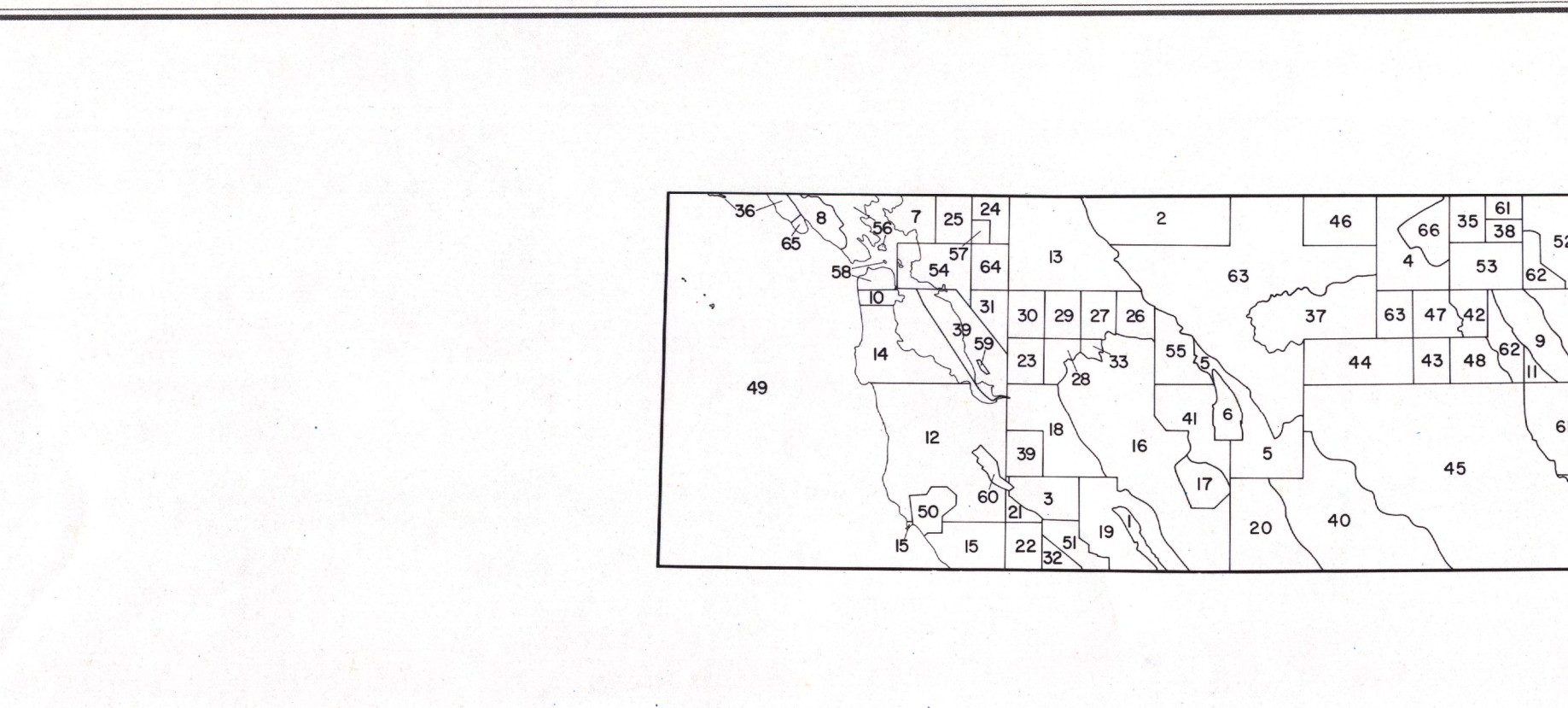
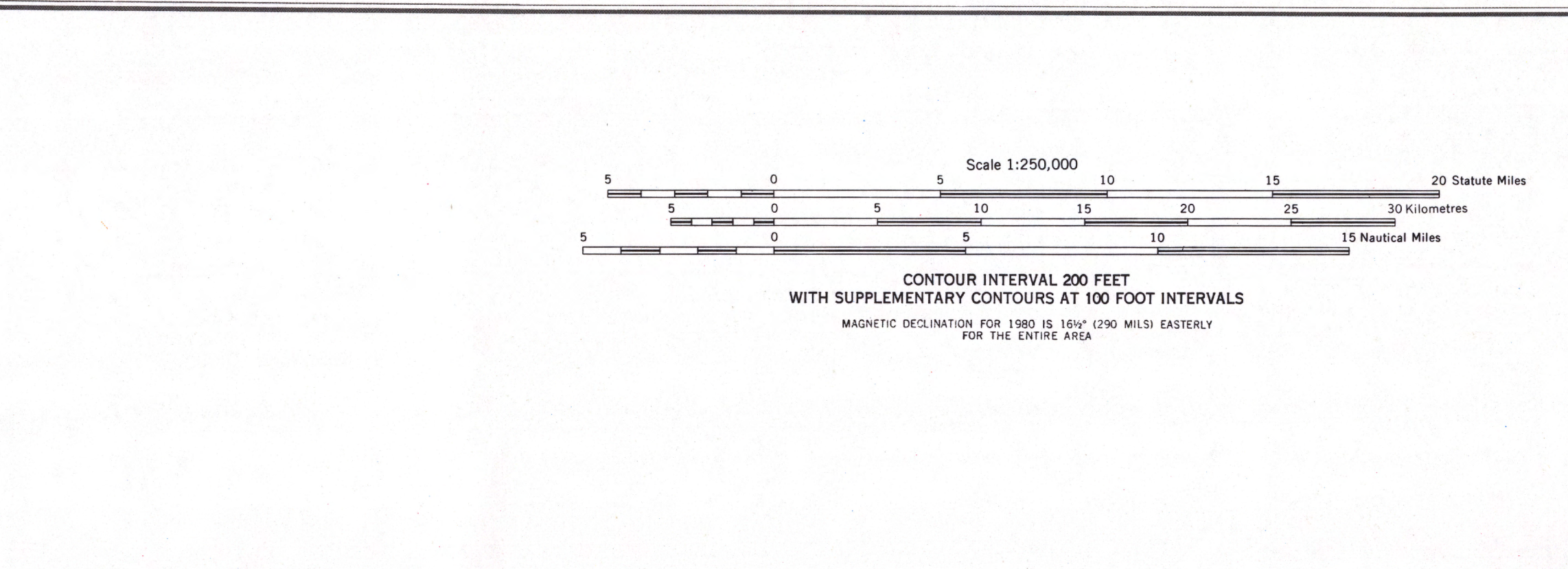
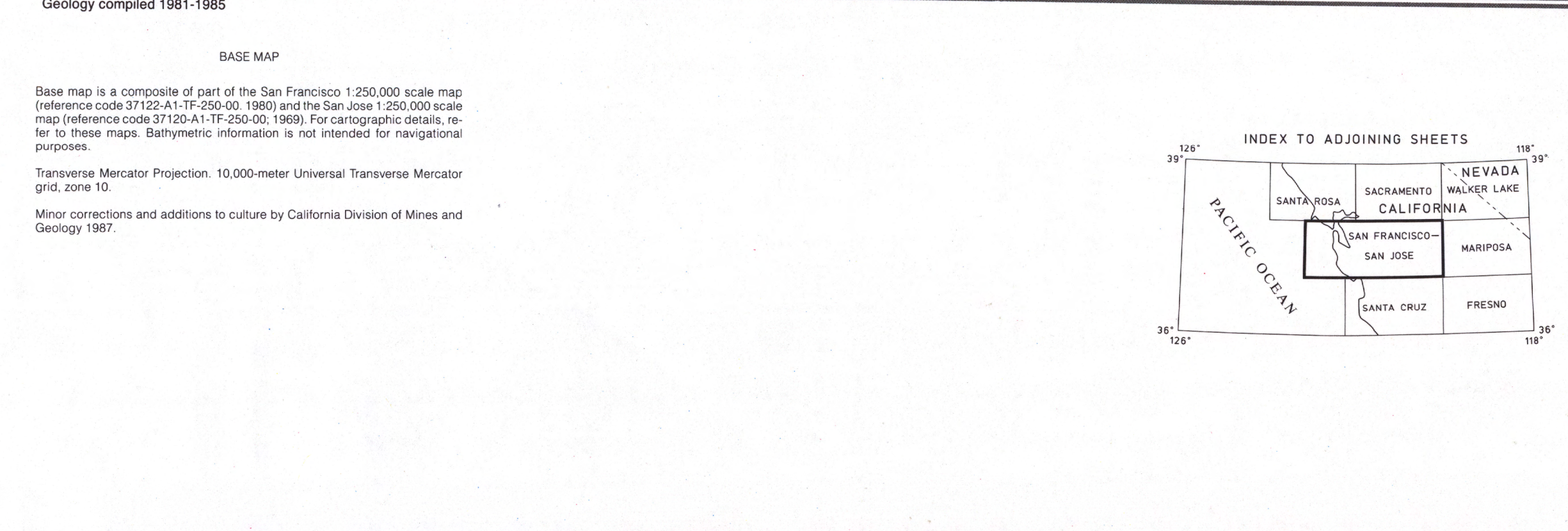


ABBREVIATED EXPLANATION
Approximate stratigraphic relationships only; see Geologic Map Explanation for more accurate age determinations and unit descriptions.

| | | | |
|-------------------|--------------------------------------|----------------------------|---|
| Quaternary | Qa Alluvium | Qd Dredge or mine tailings | Qp Dos Palos Alluvium |
| | Qaf Artificial fill | Qds Dune sand | Qta Alluvial fan deposits |
| | Qip Interstitial deposits (Pung mud) | Qsa Patterson Alluvium | Qtl Landslide deposits |
| | Qit Terrace deposits | | Qtm San Luis Ranch Alluvium |
| | Qm Continental and marine deposits | | Qmo Modesto Formation |
| | Qmo Modesto-Riverbank Formations | | Qmr Riverbank Formation |
| | Qmo Modesto-Riverbank Formations | | Qol Older alluvium |
| | Qol Older alluvium | | Qtl Turlock Lake Formation |
| | Qtl Turlock Lake Formation | | Qlb Los Banos Alluvium |
| | Qtl Turlock Lake Formation | | Qtn North Merced Gravel |
| | Qtl Turlock Lake Formation | | Qtm Merced Formation |
| | Qtl Turlock Lake Formation | | Qm Plio-Pleistocene nonmarine deposits |
| | Qtl Turlock Lake Formation | | Qm Laguna Formation |
| | Qtl Turlock Lake Formation | | Qm Tehama Formation |
| | Qtl Turlock Lake Formation | | Qm Purissima Formation |
| | Qtl Turlock Lake Formation | | Qm Tassajara Formation |
| | Qtl Turlock Lake Formation | | Qm Santa Cruz Mudstone |
| | Qtl Turlock Lake Formation | | Qm Santa Margarita Sandstone |
| | Qtl Turlock Lake Formation | | Qm San Pablo Group |
| | Qtl Turlock Lake Formation | | Qm Monterey Formation |
| | Qtl Turlock Lake Formation | | Qm Lompoc Sandstone |
| | Qtl Turlock Lake Formation | | Qm Lambert Shale |
| | Qtl Turlock Lake Formation | | Qm Temblor Formation |
| | Qtl Turlock Lake Formation | | Qm Melrten Formation |
| | Qtl Turlock Lake Formation | | Qm Valley Springs Formation |
| | Qtl Turlock Lake Formation | | Qm Yagueres Sandstone |
| | Qtl Turlock Lake Formation | | Qm San Lorenzo Sandstone |
| | Qtl Turlock Lake Formation | | Qm Poverty Flat Sandstone |
| | Qtl Turlock Lake Formation | | Qm Kreyenhagen Formation |
| | Qtl Turlock Lake Formation | | Qm Butano Sandstone |
| | Qtl Turlock Lake Formation | | Qm Dominguez Sandstone |
| | Qtl Turlock Lake Formation | | Qm Magones Formation |
| | Qtl Turlock Lake Formation | | Qm Unnamed Eocene marine rocks |
| | Qtl Turlock Lake Formation | | Qm Tesla Formation |
| | Qtl Turlock Lake Formation | | Qm Locatelli Formation |
| | Qtl Turlock Lake Formation | | Qm Pt. Reyes Formation |
| | Qtl Turlock Lake Formation | | Qm Martinez Formation |
| | Qtl Turlock Lake Formation | | Qm Tertiary-Cretaceous marine sedimentary rocks |
| | Qtl Turlock Lake Formation | | Qm Pigeon Point Formation |
| | Qtl Turlock Lake Formation | | Qm Chico Formation |
| | Qtl Turlock Lake Formation | | Qm Mareno Formation |
| | Qtl Turlock Lake Formation | | Qm Upper Cretaceous marine sedimentary rocks |
| | Qtl Turlock Lake Formation | | Qm Sandstone |
| | Qtl Turlock Lake Formation | | Qm Shale |
| | Qtl Turlock Lake Formation | | Qm Lower Cretaceous marine sandstone and shale |
| | Qtl Turlock Lake Formation | | Qm Upper Jurassic-Lower Cretaceous marine sandstone and shale |
| | Qtl Turlock Lake Formation | | Qm Franciscan Complex* |
| | Qtl Turlock Lake Formation | | Qm ss - sandstone, shale, conglomerate |
| | Qtl Turlock Lake Formation | | Qm mg - metagryswacke |
| | Qtl Turlock Lake Formation | | Qm ls - limestone |
| | Qtl Turlock Lake Formation | | Qm ch - chert |
| | Qtl Turlock Lake Formation | | Qm um - serpentinized ultramafic rock |
| | Qtl Turlock Lake Formation | | Qm blueschist blocks |
| | Qtl Turlock Lake Formation | | Qm Mariposa Formation |
| | Qtl Turlock Lake Formation | | Qm Salt Springs and Merced Falls Slates |
| | Qtl Turlock Lake Formation | | Qm Copper Hill Volcanics |
| | Qtl Turlock Lake Formation | | Qm Logtown Ridge Volcanics |
| | Qtl Turlock Lake Formation | | Qm Gopher Ridge Volcanics |
| | Qtl Turlock Lake Formation | | Qm Penon Blanco Volcanics |
| | Qtl Turlock Lake Formation | | Qm Metasedimentary rocks of uncertain age |
| | Qtl Turlock Lake Formation | | Qm Gabbro* |
| | Qtl Turlock Lake Formation | | Qm Jurassic metavolcanic rocks |
| | Qtl Turlock Lake Formation | | Qm Metavolcanic rocks* |



GEOLOGIC MAP OF THE SAN FRANCISCO-SAN JOSE QUADRANGLE, CALIFORNIA, 1:250,000

Compilation by D.L. Wagner, E.J. Bortugno, and R.D. McJunkin

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