

INDEX TO GEOLOGIC MAPPING

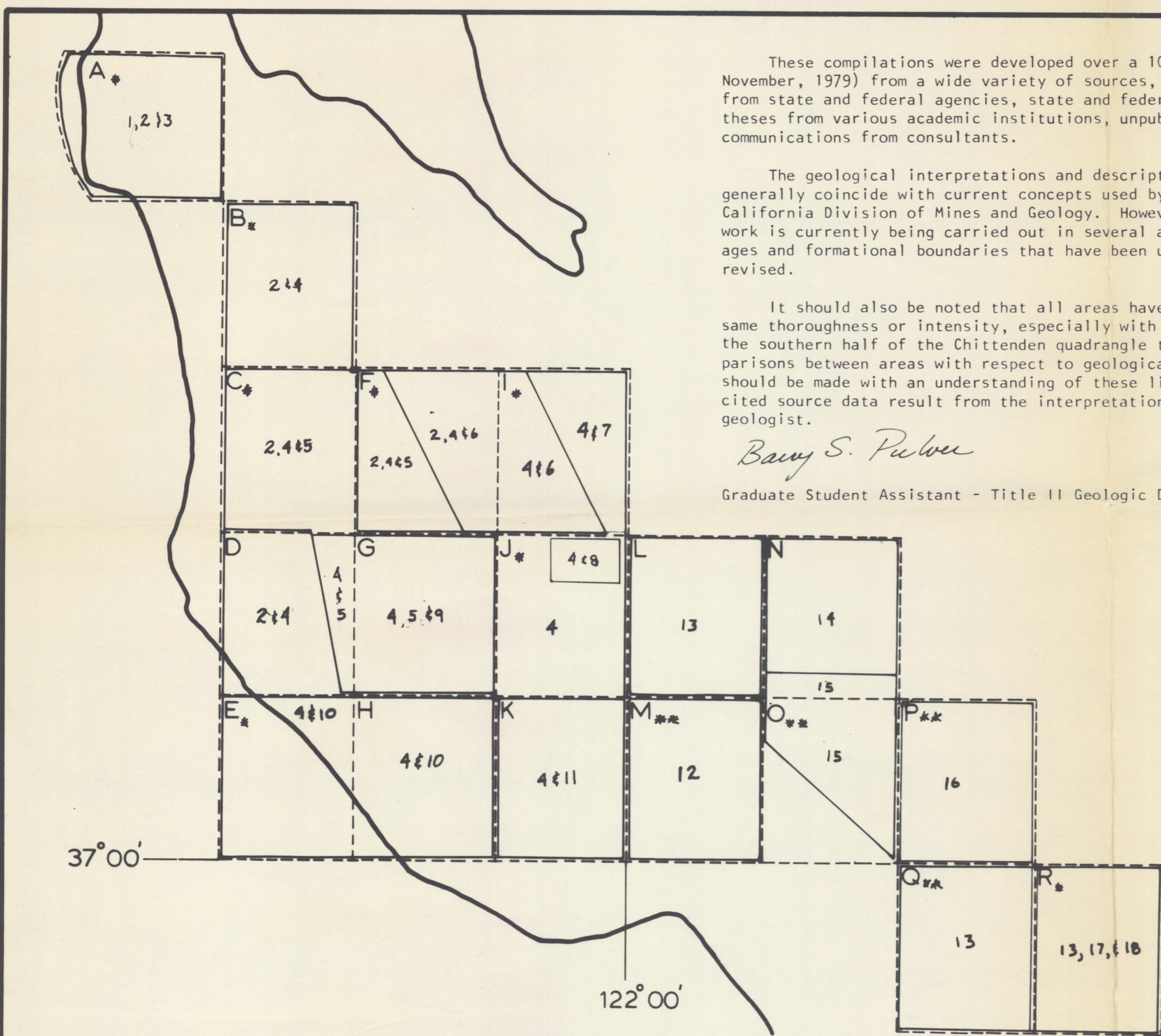
These compilations were developed over a 10-month period (January, 1979 to November, 1979) from a wide variety of sources, including professional publications from state and federal agencies, state and federal open-file reports, unpublished theses from various academic institutions, unpublished mapping, and personal communications from consultants.

The geological interpretations and descriptions of units that have been used generally coincide with current concepts used by the U. S. Geological Survey and California Division of Mines and Geology. However, structural and stratigraphic work is currently being carried out in several areas, and it is expected that some ages and formational boundaries that have been used in these compilations will be revised.

It should also be noted that all areas have not been uniformly mapped with the same thoroughness or intensity, especially with respect to landslide data (compare the southern half of the Chittenden quadrangle to the northern half). Thus, comparisons between areas with respect to geological complexity of landform stability should be made with an understanding of these limitations. Variations from the cited source data result from the interpretations and opinions of the compiling geologist.

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Graduate Student Assistant - Title II Geologic Data Compilation Project



7-1/2' QUADRANGLES

SAN FRANCISCO SHEET

- A. MONTARA MOUNTAIN
- B. WOODSIDE
- C. LA HONDA
- D. FRANKLIN POINT
- E. AÑO NUEVO
- F. MINDEGO HILL
- G. BIG BASIN
- H. DAVENPORT
- I. CUPERTINO
- J. CASTLE ROCK RIDGE
- K. FELTON

SAN JOSE SHEET

- L. LOS GATOS
- M. LAUREL
- N. SANTA TERESA HILLS
- O. LOMA PRIETA
- P. MT. MADONNA

SANTA CRUZ SHEET

- Q. WATSONVILLE EAST
- R. CHITTENDEN

EXPLANATION OF GEOLOGIC MAP SYMBOLS

- GEOLOGICAL CONTACT: DASHED WHERE APPROXIMATE, DOTTED WHERE CONCEALED
- LOCATION OR EXISTENCE OF CONTACT IS QUESTIONABLE
- FAULT: DASHED WHERE APPROXIMATE, DOTTED WHERE CONCEALED
- LOCATION OR EXISTENCE OF FAULT IS QUESTIONABLE
- ACTIVE FAULT, DATE OF KNOWN SURFACE RUPTURE
- UNDIFFERENTIATED LANDSLIDE, ARROWS SHOW DIRECTION OF MOVEMENT
- STRIKE AND DIP OF BEDDING ∇^{20} STRIKE AND DIP OF FOLIATION
- AXIS OF ANTICLINE
- AXIS OF SYNCLINE

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* Location of active faults from appropriate Alquist-Priolo special study zone maps prepared by Calif. Div. Mines and Geology.

** These maps can be ordered from the U. S. Geological Survey.