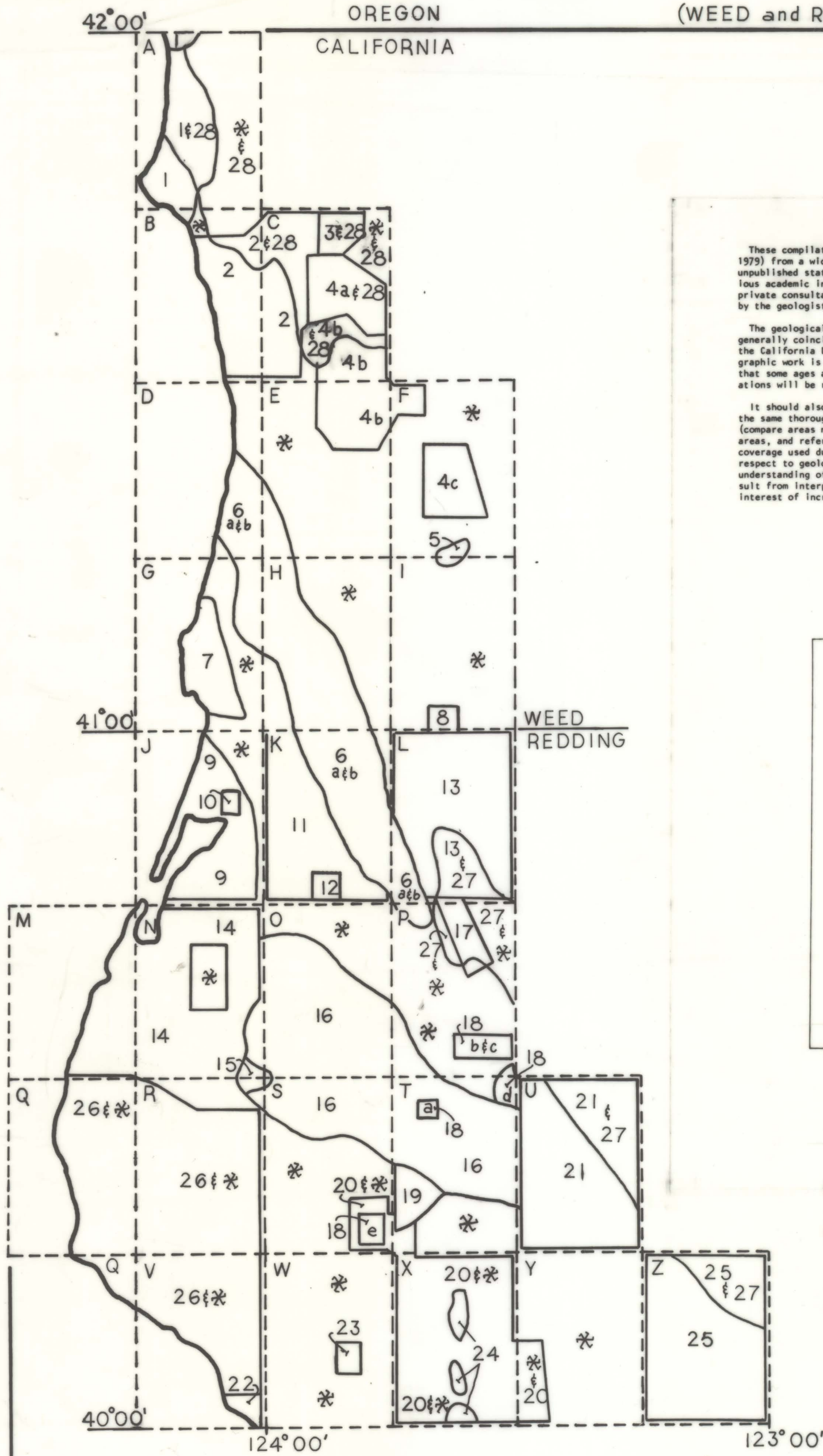


INDEX TO GEOLOGIC MAPPING

(WEED and REDDING SHEETS-C.D.F. REGION 1)



15' QUADRANGLES

WEED SHEET

- A: Crescent City
- B: Klamath
- C: Ship Mountain
- D: Orick
- E: Tectah Creek
- F: Orleans
- G: Trinidad
- H: Coyote Peak
- I: Hoopa

REDDING SHEET

- J: Eureka
- K: Blue Lake
- L: Willow Creek

- M: Ferndale
- N: Fortuna
- O: Iaqua Buttes
- P: Pilot Creek
- Q: Cape Mendocino
- R: Scotia
- S: Weott
- T: Blocksburg
- U: Pickett Peak
- V: Point Delgada
- W: Garberville
- X: Alderpoint
- Y: Kettenpom
- Z: Black Rock Mountain

* QUADRANGLES NOT PHOTO-INTERPRETED FOR LANDSLIDES DURING THIS PROJECT

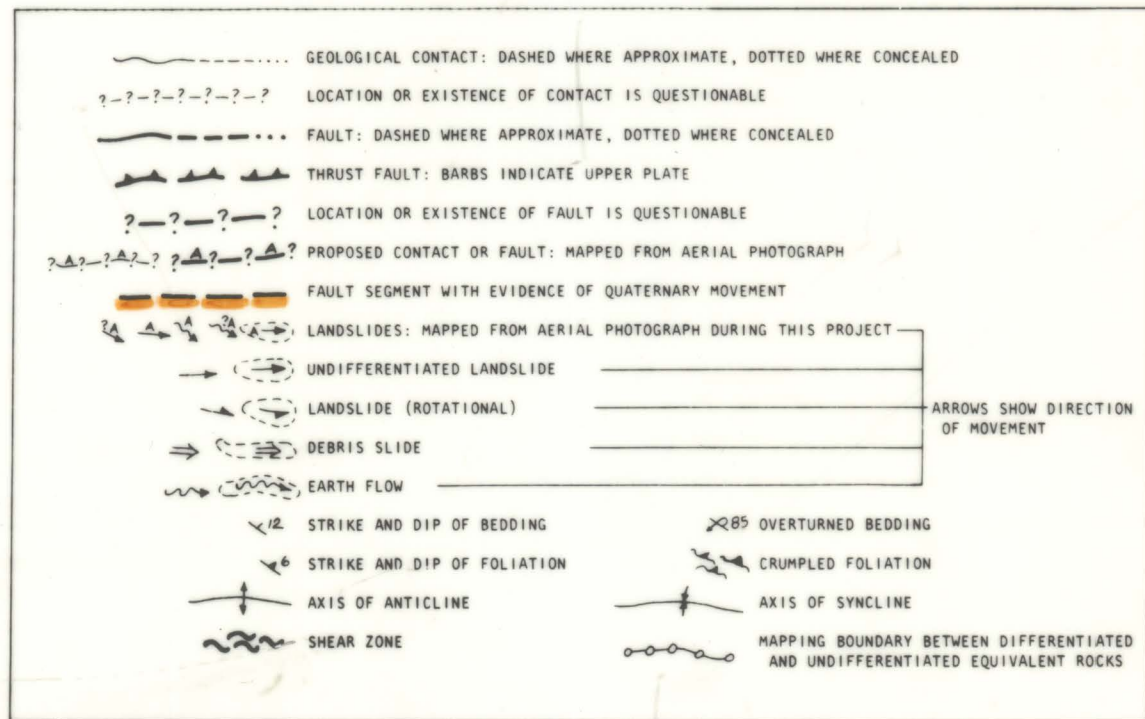
These compilations were developed over a 1-year period (October 1978-October 1979) from a wide variety of sources, including state and federal publications, unpublished state and federal open-file reports, unpublished theses from various academic institutions, unpublished mapping and personal communication from private consultants, and original fieldwork and aerial photograph interpretation by the geologist responsible for the compilations.

The geological interpretations and descriptions of units that have been used generally coincide with current concepts used by the U.S. Geological Survey and the 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 not all areas have been uniformly mapped with the same thoroughness or intensity, especially with respect to landslide data (compare areas mapped by Nolan et al. 1976, or Jacks 1972-73 with bordering areas, and refer to the aerial photo index map for the limits of the U-2 photo coverage used during this project). Thus, comparisons between areas, with respect to geological complexity or landform stability should be made with an understanding of these limitations. Variations from the cited source data result from interpretations and opinions of the compiling geologist or in the interest of increased map legibility.

Donna Ristau
GEOLOGIST, TITLE II GEOLOGIC DATA COMPILATION PROJECT

EXPLANATION OF GEOLOGIC MAP SYMBOLS



REFERENCES

1. Back, W. 1957. Geology and Groundwater Features of the Salt River Plain, Del Norte County, California. U.S.G.S. Water Supply Map 1254, map(1:62500).
2. Wagner, R.J. 1973. Bedrock Geology, Sheet 1, South Fork Salt River, Six Rivers Nat. Forest, Del Norte County, California. U.S. Forest Serv. Open-File Map(1:62500).
3. U.S. Forest Service. 1973-1976. Landform Map, Fox Planning Unit, Six Rivers Nat. Forest, unpublished from U.S.F.S. Office San Fran., map(1:24000).
4. Jacks, J. 1972-1973. Geologic and Landform Maps, Resource Capability Inventory, Six Rivers Nat. Forest, unpublished from Forest Office:
 - a) Eight Mile Planning Unit, map(1:31250).
 - b) Blue Creek Planning Unit 12, map(1:31250).
 - c) Camp Creek Planning Unit, map(1:31250).
5. Hansen, W.R., Hicks, B.C., and Ford, R.S. 1954. Geologic Map, State Creek San Sita (Klamath River). Dept. Water Res., unpublished, map(1:24000).
6. Nolan, K.M., Hadden, D.R., and Colman, S.M. 1976. Erosional Landform Map of the Redwood Creek Drainage Basin, Humboldt County, California, 1937-1976. U.S.G.S. Misc. Invest. 76-42, Open-File Report, map(1:62500).
7. Hadden, D.R. 1975. Preliminary Geologic Map, Redwood Creek Basin. U.S.G.S. unpublished from Menlo Park, map(1:62500).
8. Stevens, T. 1978. Marine Terrace Deposits, Trinidad Head. U.S.G.S. unpublished from Menlo Park, map(1:24000); and 1979. Unpublished mapping Trinidad Head area, personal communication.
9. Shannon, J.R. 1976. Preliminary Descriptions and Correlation of the Boggs and Galice Formations in the Willow Creek and Hoopa Quadrangles, Northwestern California. Senior Thesis, Humboldt State Univ., map(1:12672).
10. Evenson, R.E. 1959. Geology and Groundwater Features of the Eureka Area, Humboldt County, California. U.S.G.S. Water Supply Map 1470, map(1:62500).
11. Horing, B. 1976. The Pliocene Stratigraphy of a Portion of the Fickle Hill-Arcata Area, Humboldt County, California. Senior Thesis, Humboldt State Univ., map(1:62500).
12. Manning, S.A. and Ogle, B.A. 1950. Geology of the Blue Lake Quadrangle, California. Calif. Div. Mines Bull. 148, map(1:62500).
13. McHowell, D.M. 1976. Geology of the Maple Creek Area, Humboldt County, California. Senior Thesis, Humboldt State Univ., map(1:12000).
14. Young, J.C. 1978. Geology of the Willow Creek 15' Quadrangle, Humboldt and Trinity Counties, California. Calif. Div. Mines & Geol. Map Sheet 31, map(1:62500).
15. Ogle, B.A. 1953. Geology of the Tol River Valley Area, Humboldt County, California. Calif. Div. Mines Bull. 164, map(1:62500).
16. Wagner, R.J. 1975. Geologic Mapping, Est and Van Duzen River Areas. Humboldt State Consultants, unpublished map(1:24000), and personal comm.
17. Kelsey, M.M. and Alwardt, A.D. 1975. Geologic Map of the Van Duzen River Basin, Humboldt and Trinity Counties, California. In: Van Duzen River Basin Environmental Atlas. Dept. Water Res., Plate 8, sheets A-1, map(1:24000).
18. Rowland, R.E. 1966. Geology of the Grouse Creek Area, South Fork Mountains, California. Masters Thesis, U.C.L.A., map(1:62500).
19. Dept. Water Resources. 1965. North Coastal Area Investigation. Bull. 136, Appendix E, vol. 11. Trinity, Lower Est and Klamath River Developments:
 - a) Lardner Valley Basins, South Fork Van Duzen River, plates 35 & 36.
 - b) Anderson Ford Basins, Red River, plate 39.
 - c) Southfork Tunnel, Pilot Creek Alignment, plate 41.
 - d) Southfork Tunnel, Sulphur Glade Alignment, plate 42.
 - e) Sequoia Basins, Toll River, plate 44.
20. Kliner, T., Aggs, R., and Hicks, B. 1965. Geologic Map, Semaria Van Duzen Tunnel Routes. Dept. Water Res., unpublished map(1:24000).
21. Dept. Water Resources. 1968. Landform Maps, Garberville Project-Alderpoint Area. Unpublished maps(1:24000).
22. Irwin, W.P., Wolfe, E.W., Blake, R.C. Jr., and Cunningham, C.S. 1978. Geologic Map of the Pickett Peak Quadrangle, Trinity County, California. U.S.G.S. GQ 1111, map(1:62500).
23. McLaughlin, R.J., Sorg, D.R., Ohlin, M.W., and Mergules, C. 1975. Base and pre-basin metal occurrences along the San Andreas Fault, Point Delgada, California. U.S.G.S. Open-File Report 75-584, map(1:17200).
24. Abbey, T.R. 1972. Geology of the Area Southwest of Garberville, Humboldt County, California. Senior Thesis, Humboldt State Univ., map(1:12000).
25. Vanlose, J. 1965. Geologic Mapping of Parts of Leggett and Alderpoint Quadrangles. Dept. Water Res., unpublished map(1:62500) and personal comm.
26. Wilson, B. 1979. Preliminary Geologic Map of the Black Rock Mountain Quadrangle. Ph.D. Dissertation, Univ. Texas, map(1:62500).
27. Hixon, R.D. 1963. San Andreas Fault at Cape Mendocino. In: Proc. Conf. Geol. From San Andreas Fault System, ed. by W.A. Dickinson and A. Grant. Stanford Univ. Pub. Geol. Sci., vol. 11, (1964-1967 unpublished map not included in reprint, map(1:62500)).
28. Buer, R., James, S., and Scott, R. 1979. South Fork Trinity River Watershed Study, Landslide Map. Dept. Water Resources Memorandum Report, Northern District, map(1:62500).
29. California Dept. Fish and Game. 1979. Geologic and Landslide Maps, Salt River Preliminary Waterway Management Plan, Wild and Scenic Rivers, map(1:62500).

* Areas compiled from either:
a) Strand, R.S. 1962. Geologic Map of California-Building Sheet, Calif. Div. Mines & Geol., map(1:250000).
b) Strand, R.S. 1963. Geologic Map of California-Weed Sheet, Calif. Div. Mines & Geol., map(1:250000).
c) Jennings, C.W. 1977. Geologic Map of California-Geologic Data Map #2, Calif. Div. Mines & Geol., map(1:750000).