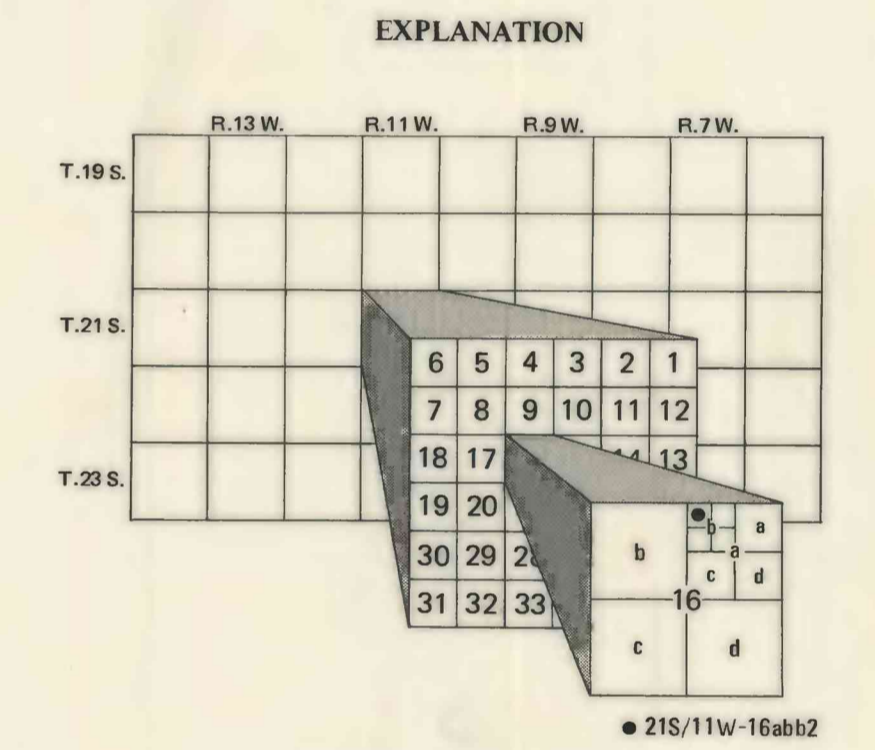
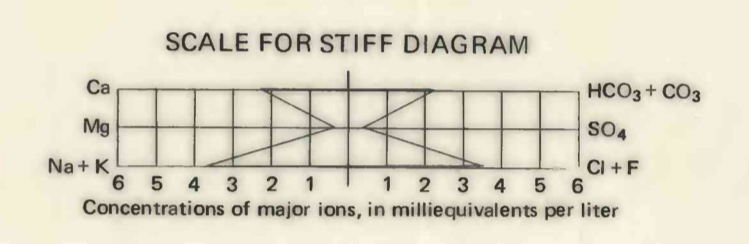




CORRELATION OF MAP UNITS

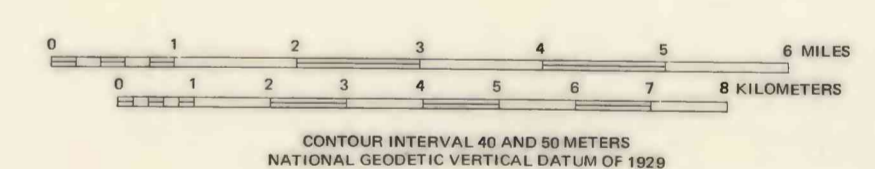
Qfd	Holocene and Pleistocene	QUATERNARY
Qcd		
Tm	Eocene	TERTIARY

- DESCRIPTION OF MAP UNITS**
- Qfd** QUATERNARY FLUVIAL DEPOSITS - Sand, silt, and clay with lenses of gravel on or adjacent to present flood plain; fluvial terrace deposits of similar lithology at higher altitudes along present drainage systems
 - Qcd** QUATERNARY COASTAL DEPOSITS - Windblown sand forming dunes along the present coastline and extending eastward several miles in places; marine terrace deposits of wind- and water-borne sand underlying dune sands and at higher altitudes east of present dune sands
 - Tm** TERTIARY MARINE SEDIMENTARY ROCKS - Alternating layers of fine- to medium-grained sandstone and siltstone
- Contact - Approximately located
 ↘ Anticline - Showing direction of plunge; dashed where approximately located; dotted where concealed
 ↙ Syncline - Showing direction of plunge; dashed where approximately located; dotted where concealed
 — Project area boundary
 ● Well - Location number shown
 ● Spring - Location number shown
 ▲ Miscellaneous-measurement and sampling site - Location number shown with corresponding stiff diagram



WELL AND SPRING NUMBERING SYSTEM

Designations of wells discussed in this report are based on the official system for rectangular subdivision of public lands. The number indicates the location of the well by township, range, and section, and its position within the section. A graphic illustration of this method of well numbering is shown above. The first numeral indicates the township; the second, the range; and the third, the section in which the well is located. The letters following the section number locate the well within the section. The first letter denotes the quarter section (160 acres); the second, the quarter-quarter section (40 acres); and the third, the quarter-quarter-quarter section (10 acres). For example, well 21S/11W-16abb2, or 21S/11W-16ABB2 as referred to in the text, is in NW¼ NW¼ NE¼ Sec. 16, T. 21 S., R. 11 W. Where two or more wells are located in the same 10-acre subdivision, serial numbers are added after the third letter. Springs are numbered in the same manner.



GENERALIZED GEOLOGIC MAP OF WESTERN DOUGLAS COUNTY, OREGON,
SHOWING WELLS AND SPRINGS, AND STIFF DIAGRAMS FOR WATER SAMPLED FOR CHEMICAL ANALYSIS

Base from U.S. Geological Survey
1:100,000, Henderson, 1960 and
Cottage Grove, 1979

Geology modified from Baldwin, 1961;
Beulieu and Hughes, 1975