



- ### EXPLANATION
- Contact—Dashed where approximately located or inferred. Dotted where concealed; queried where uncertain
  - Fault—Dashed where approximately located or inferred. Dotted where concealed; queried where uncertain. U, upthrown side; D, downthrown side; arrows show sense of strike-slip motion
  - ◆◆◆ Thrust fault—Dashed where approximately located or inferred. Sawtooth on upper plate
  - Folds—Showing inferred trace of axial plane and direction of plunge. Dotted where concealed
  - ↕ Anticline
  - ↕ Syncline
  - Strike and dip of beds—Attitudes along river beds and on coastal wave-cut platform were measured on bedrock that is intermittently exposed
  - Inclined
  - Overturned
  - Horizontal
  - Vertical
  - Strike and dip of foliation
  - ◇ Dry hole
  - TD Total depth—in feet
  - //// Zone of alteration and minor mineralization
  - Oil shale horizon

Base from U.S. Geological Survey, Shaw, Enright, Fairdale, Nehalem, Tillamook, Tenter 1:50,000, Universal Transverse Mercator projection

SCALE 1:62,500  
CONTOUR INTERVAL 40 AND 80 FEET

Geology mapped 1969-1970; 1983-1989  
Paleogeology by David Barky, Elton James Moore, and Nelson W. Rice  
GIS by Tracey Falger and Johanna Fenton

## GEOLOGIC MAP OF THE TILLAMOOK HIGHLANDS, NORTHWEST OREGON COAST RANGE

By  
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45°45'	124°	Nehalem	Fairy Peak	Cook Cr.	Rogue Pt.	Cook Cr.	Tenter	123°15'
		Clatsop	Michie Pt.	Clatsop Pt.	John Cr.	Wahale Pt.	Rising Cr.	
		Nehalem	Flameth	The Wagon	Tule	Clatsop Pt.	Tenter Cr.	
45°15'		Tillamook	Blaine	Blaine	Clatsop Pt.	Fairdale	Fairdale	

INDEX TO 7 1/2' AND 15' TOPOGRAPHIC MAPS