

CHEHALIS RIVER QUADRANGLE

1:100 000-SCALE SERIES

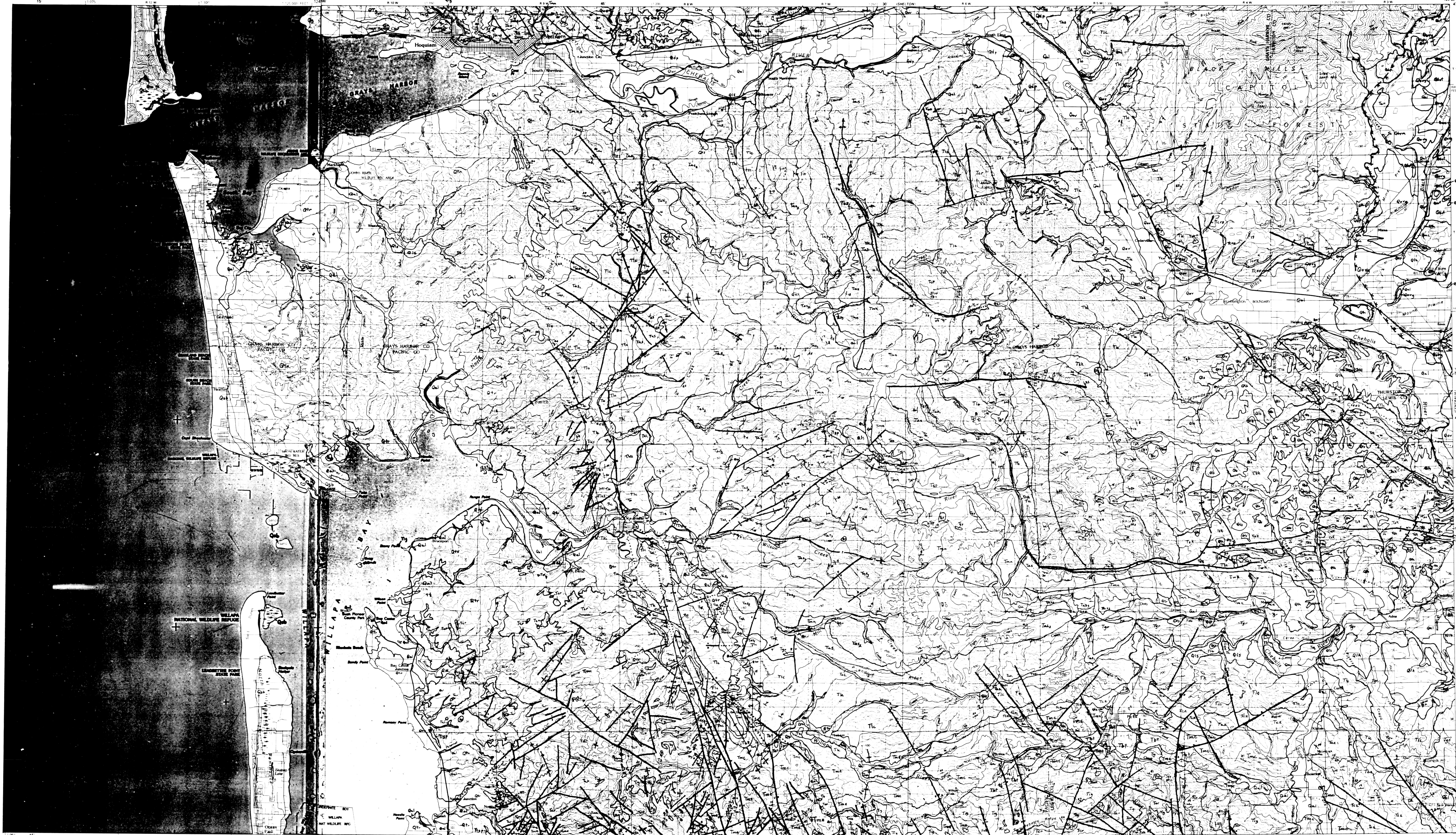
30X60 MINUTE SERIES

EXPLANATION

Quaternary Sediments	
Deposits of Non-glacial Origin	
Qeb	beach deposits
Qel	alluvium
Qls	landslide debris
Qg	older unconsolidated Pleistocene alluvium
Qtg	older deformed unconsolidated Pliocene (?) Pleistocene sediments
Qtr	terraced sediments, undifferentiated
Late Wisconsin Age Cordilleran Glacial Deposits	
Qdvm	Vashon moraine
Qdvt	Vashon till
Qov	Vashon outwash
Qovg	Vashon outwash gravel
Qovs	Vashon outwash sand
Pre-Late Wisconsin Age Cordilleran Glacial Deposits	
Qdp	pre-Vashon undifferentiated drift
Pre-Late Wisconsin Age Alpine Glacial Deposits	
Qwe	Wedekind Creek Formation
Qlh	Logan Hill Formation
Tertiary Sedimentary Rocks	
Miocene Sedimentary Rocks	
Tmn	Montesano Formation
Twk	Wilkes Formation
Tas	Astoria Formation
Tas3	Rotalia beeki zone (Luisian ?)
Tas2	Baginia washingtonensis zone (Relizian)
Tas1	Siphonasterina kleinpellii zone (Saucesian)
Eocene-Oligocene Sedimentary Rocks	
Tlc	Lincoln Creek Formation
Tlcs	Lincoln Creek basaltic sandstone member
Eocene Sedimentary Rocks	
Ter	Cowlitz Formation
Tmc	McIntosh Formation
Tsk	Skookumchuck Formation
Tme	unnamed marine sedimentary rocks
Ters	Crescent Formation sedimentary rocks
Tertiary Volcanic and Intrusive Rocks	
Miocene Columbia River Basalt Group Flows	
Tsp	Pomona Member, Saddle Mountains Basalt
Tisp	Pomona Member, invasive
Tgr	Grande Ronde Basalt
Eocene Volcanic and Intrusive Rocks	
Tbt	Basaltic tuff
Ter	Crescent Formation
Tig	basic intrusive rocks, coarse grained
Tib	basic intrusive rocks, fine grained

MAP EXPLANATION

⊕	Horizontal beds
27°	Strike and dip of beds
—	Contact
—+—	Anticline, showing plunge; dashed where uncertain, dotted where concealed
—+—	Syncline, showing plunge; dashed where uncertain, dotted where concealed
—+—	Fault, showing sense of displacement; dotted where inferred or concealed
—+—	Thrust fault, barbs on upper plate
—+—	Maximum extent of Vashon Ice, dashed where not coincident with a contact

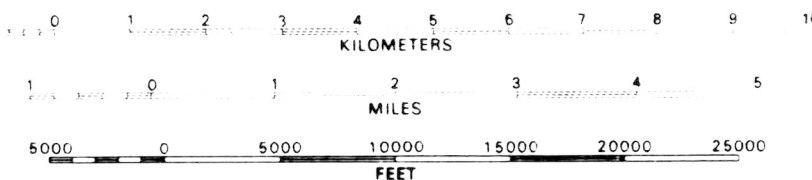


WESTPORT, WASHINGTON
N4630-W12400/30X60

Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1953-1973. Planimetry revised from aerial photographs taken 1974, 1976, and other source data. Revised information not field checked. Map edited 1979.

30 000-foot grid ticks based on Washington coordinate system, south zone.
1987 North American Datum.
To show on the projected North American Datum 1983 move the projection lines 34 meters north and 94 meters east.
There may be private inholdings within the boundaries of the National or State Reservations shown on this map.

SCALE 1:100 000



NATIONAL GEODETIC VERTICAL DATUM OF 1985
To convert meters to feet multiply by 3.28084

GEOLOGIC MAP OF THE
CHEHALIS RIVER AND WESTPORT QUADRANGLES, WASHINGTON

Compiled by
ROBERT L. LOGAN

1987

CHEHALIS RIVER, WASH.
N4630-W12400/30X60
N4630-W12300/30X60

THIS REPORT CONSISTS OF 1 MAP AND A 16 PAGE TEXT.