



**EXPLANATION**

Recent	Qal	Recent stream gravel, sand, and silt, in part outwash from existing glaciers; deltas and beach deposits.	QUATERNARY
Recent and Pleistocene	Qmg	Morainal deposits and outwash gravel of Pleistocene glaciers; moraines of present glaciers, in part underlain by ice; terraces and beach gravel.	QUATERNARY
<b>UNCONFORMITY</b>			
Eocene to Recent	Tls	Lava and tuff of Mount Spurr	QUATERNARY
<b>UNCONFORMITY</b>			
Eocene	Tk	Bedded lava and tuff of Mt. St. Helens, Stoney River region	TERTIARY
<b>UNCONFORMITY</b>			
Eocene	Tm	Loosely to moderately indurated clay, sand, and gravel, and locally tuff, with lignite coal. (Probably equivalent to Eocene/Arctic)	TERTIARY
<b>UNCONFORMITY</b>			
Upper Cretaceous and older	mg	Undifferentiated complex, mainly black argillite, slate, and gray wacke with some sandstone and conglomerate, and minor amounts of lava and tuff. Probably in part Upper Cretaceous.	MESOZOIC
<b>UNCONFORMITY</b>			
Lower Jurassic or Cretaceous	ll	Undifferentiated complex, mainly medium basic to basic lava and tuff, but locally containing considerable metamorphosed sediments and some intrusive rocks.	MESOZOIC
<b>INTRUSIVE ROCKS</b>			
	gr	Granitic rocks locally somewhat gneissic	

DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY

# GEOLOGIC MAP OF MOUNT SPURR REGION ALASKA

By Stephen R. Capps

Scale 1:250,000  
 Contour interval 200 feet.  
 Datum to mean sea level.  
 1985

Topography by Alaskan Branch  
 Gerald FitzGerald, E. G. Hamilton, W. S. Post, D. L. Reburn,  
 R. H. Sargent, and K. W. Trimble, Topographic Engineers  
 Geodetic position and much of shore line from data  
 by U. S. Coast and Geodetic Survey  
 Land net from data by U. S. General Land Office  
 Areas not surveyed in detail indicated by broken lines  
 Surveyed in 1898, 1902, 1906, 1926, 1927, and 1928

