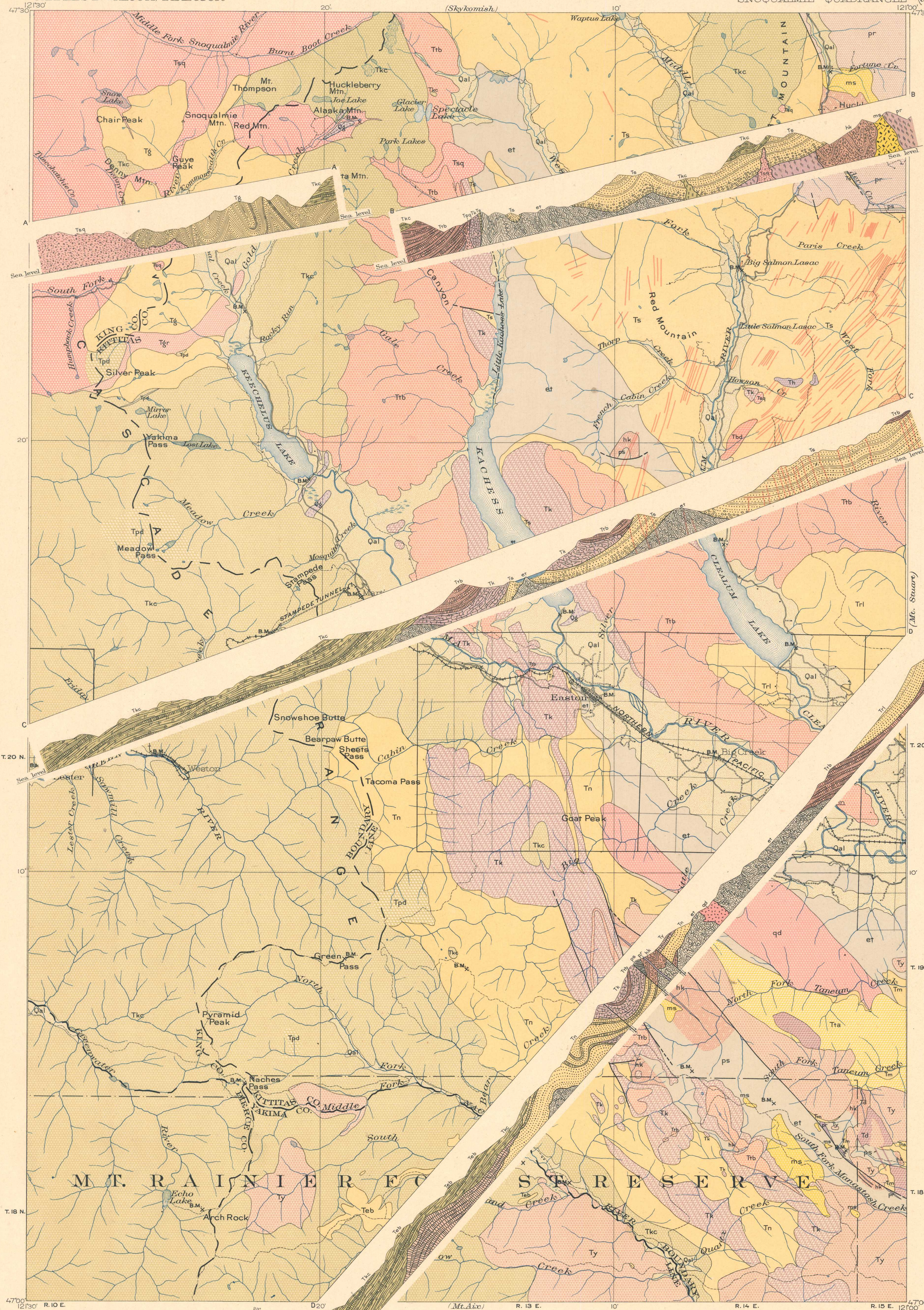


U. S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR.

STRUCTURE SECTIONS

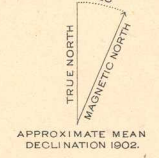
WASHINGTON
SNOQUALMIE QUADRANGLE



LEGEND

SEDIMENTARY ROCKS		
SHEET SYMBOL	SECTION SYMBOL	
Qal	Qal	QUATERNARY
Alluvium (fine silt and sand, with gravel near streams forming terraces)		
Qg	Qg	Glacial deposits (glacial drift forming moraine ridges)
Tertiary		
Teb	Teb	Ellensburg formation (fluviatile deposits of sand and gravel of volcanic materials)
Tg	Tg	Guye formation (gray shale, chert, and limestone, with interbedded basalt)
UNCONFORMITY		
Tm	Tm	Manastash formation (sandstone, conglomerate, and shale)
UNCONFORMITY		
Trl	Trl	Roslyn formation (sandstone and shale, with beds of coal)
UNCONFORMITY		
Tn	Tn	Naches formation (sandstone and shale, with basalt lava flows)
Ts	Ts	Swank formation (sandstone, conglomerate, and shale)
UNCONFORMITY		
Carboniferous and Older		
ps	ps	Peshastin formation (black shale and gray, with lenses of limestone locally)
UNCONFORMITY		
et	et	Easton schist (quartz-mica-schist with associated hornblende-schist)
IGNEOUS ROCKS		
Th	Th	Howson andesite (hornblende-andesite lava)
Tsq	Tsq	Snoqualmie granodiorite (batholith of massive granodiorite and granite)
Tkc	Tkc	Keechelus andesitic series (extensive lava flows and tuffs of andesite, with some basalt and rhyolite)
Tpd	Tpd	Pyroxene-diorite (intrusive bodies of massive rock related to Keechelus lavas)
Ty	Ty	Yakima basalt (extensive series of lava flows with local tuff beds)
Td	Td	Diorite (intrusive bodies with associated dikes, constituting Yakima basalt conduits)
Tgr	Tgr	Rhyolite in Guye formation (lava with some tuff)
Tta	Tta	Tanewam andesite (hypophanite-andesite lava with beds of tuff and breccia)
Ttb	Ttb	Tennaway basalt (lava flows with tuff beds)
Ttd	Ttd	Basic dikes and sheets (diorite, usually quartz-bearing, filling Tennaway basalt conduits)
Tk	Tk	Kachess rhyolite (thick flows of white or yellow rhyolite)
ms	ms	Mount Stuart granodiorite (batholith and smaller masses of granodiorite)
pr	pr	Peridotite (intrusive body and dikes largely altered to serpentinite)
qd	qd	Quartz-diorite (intrusive bodies of sheared diorite)
hk	hk	Hawkins formation (diabase, lava, tuff, and breccia)
Known faults		
Probable faults		

R. U. Goode, Geographer in charge.
Triangulation by A. H. Sylvester.
Topography by A. E. Murlin.
Surveyed in 1900-1901.



Scale 1:25,000
1 2 3 4 5 Miles
1 2 3 4 5 Kilometers
Edition of April 1906.

DIAGRAM OF TOWNSHIP

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

Geology by George Otis Smith,
F. C. Calkins, and W. C. Mendenhall,
assisted by E. P. Carey and D. F. Macdonald.
Surveyed in 1899 and 1902.