EXPLANATION TO GEOLOGIC MAP (Plate 1)

High Cascade volcanics
Quaternary basalt lava flows and cinder cones
Quaternary andesite lava flows
Plio-Quaternary basalt lava flows
Plio-Quaternary andesite lava flows
Middle-Tertiary intrusions, T1-T4
Mio-Pliocene volcanic and sedimentary rocks
Miocene volcanic rocks
Oligo-Miocene volcanic rocks includes some sedimentary rocks.
Oligocene volcanic rocks
Eocene volcanic rocks
Eocene sedimentary rocks
Teanaway Basalt
Silver Pass Volcanic Rocks
Cretaceous-Paleocene Swauk Formation
Pre-Tertiary intrusive rocks
Pre-Tertiary ultramafic rocks (Ingalls Creek Peridotite)
Pre-Tertiary high-grade metamorphic rocks
Pre-Tertiary low-grade metamorphic rocks

Symbols
Moraine: approximate maximum extent of glacier
F Fraser glaciation
SS Salmon Springs glaciation
direction of glacier advance
A High Cascade volcano center
a Volcanic center (cinder cone and shield volcano)
Fault, bars on down block
Anticline, showing direction of plunge
Syncline

OFR
73-3
Plate 5
QUATERNARY BASALT FLOWS
BETWEEN MTS. ST. HELENS
AND ADAMS

For explanation see plate 4