EXPLANATION
Qps
Younger alluvium
Sand, silt, and gravel
LACUSTRINE DEPOSITS
Qlac
Lacustrine deposits
Clay, silt, and sand
Basalt and basaltic andesite flows
Olivine basalt and basaltic andesite flows and cinders
Rhyolite intrusive rocks
Dacite intrusive rocks
Rhyolite intrusive rocks
Dacite intrusive rocks
Basalt dikes
Dikes of basalt and andesite
Tuffaceous sedimentary rocks
Clayey tuffaceous sedimentary rocks and tuff
Basalt
Basalt flows
Andesite
Andesite flows
Basalt and basaltic andesite flows, Tumtum, Alvord Creek, and Steens Mountain Formations, undivided
Rhyolite, basalt, andesite, dacite, and basaltic andesite flows, tuffaceous sedimentary rocks, and intrusive rocks
LACUSTRINE DEPOSITS
Rhyolite and dacite
Rhyolite and dacite domes, commonly with rhyolite and dacite flows and breccias, and with subordinate flow breccia
Rhyolite
Rhyolite flows with interbedded tuff
Rhyolite
Rhyolite with interbedded tuff
Alvord Creek Formation
Clayey tuffaceous sedimentary rocks and minor tuff
LACUSTRINE DEPOSITS
Pre-Tertiary complex rocks
Chiefly metamorphic, intrusive, and granitic rocks
Fault, arrow
Fault, dashed where approximately located
Contact, dashed where approximately located
Strike and dip of flows and beds
Horizontal lava flows and beds
General strike and dip of undulating flows and tuffs
Mine or prospect
Triangulation monument of U. S. Coast and Geodetic Survey
Summit of High Steens
WILDHORSE LAKE
R. 33 E.
R. 34 E.
T. 35 S.
T. 36 S.
T. 37 S.
T. 38 S.
T. 39 S.
T. 40 S.
MIDDLE STEENS
CREST OF THE
WILDHORSE CANYON
WILDHORSE SPUR
ALEXANDER MINE
SMITH FLAT
SOUTHERN STEENS
SHARP PEAK
ALVORD LAKE
ALVORD PEAK
El 7100
ALVORD VALLEY
BROAD VALLEY
APPROXIMATE CREST OF PUEBLO MOUNTAINS
BLUE BULL MINE
TUMTUM LAKE
TUMTUM POINT
Base mainly from aerial photographs
Geology by Howel Williams and Robert R. Compton
0
5 miles
RECONNAISSANCE MAP OF PARTS OF THE STEENS AND PUEBLO MOUNTAINS, HARNEY COUNTY, OREGON