Base by U.S. Geological Survey

Geology by G. W. Walker and R. C. Greene, 1965

EXPLANATION

SEDIMENTARY AND VOLCANIC ROCKS

Pleistocene and Recent

Qag — Alluvium
Glacial till and fluvio-glacial deposits

Qa — Basaltic andesite
Mostly intracanyon postglacial flows and minor eruptive fragmental rocks

QUATERNARY

Pliocene and Pleistocene

QTab — Andesite and basalt
Flows, breccias, and some interbedded cinders commonly referred to the volcanic rocks of the High Cascade Range (Peck and others, 1964, p.36). In places grades laterally into fragmental and intrusive material of vent areas (QTc and QTv)

QTr — Dacite and rhyolite (?)

TERTIARY AND QUATERNARY

Miocene(?) and Pliocene

Tbs — Flows, breccias, and sedimentary rocks
Similar to volcanic and associated rocks of the Western Cascade Range (Peck and others, 1964, p.7-8)

TERTIARY

VENT AND ASSOCIATED VOLCANIC ROCKS

Pliocene, Pleistocene, and Recent

QTc — Eruptive fragmental rocks of cinder cones

Basalt or andesite dike

QTv — Intrusive plugs and near-vent flow rocks

TERTIARY AND QUATERNARY

Contact
Dashed where approximately located; short dashed where inferred or gradational; dotted where concealed

U/D Fault
Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

35 Strike and dip of flows or bedded cinders

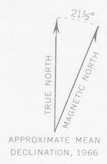
Horizontal flows or bedded cinders

85 Strike and dip of dike

Direction of flow movement

Approximate boundary of Mount Jefferson primitive area. From U.S. Forest Service, September 1965

RECONNAISSANCE GEOLOGIC MAP OF THE MOUNT JEFFERSON PRIMITIVE AREA LINN, MARION, AND JEFFERSON COUNTIES, OREGON



APPROXIMATE MEAN DECLINATION, 1966

SCALE 1:62 500

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL

215-828 O - 66 (In pocket)