



EXPLANATION

- Qs** Coluvium (Slide rock)
 - Qal** Deposits in the present stream valleys, and alluvial fans
 - Qig** Terrace and bench gravels
 - Tt** Lacustrine and fluvial deposits (With some mud flows. Sand, gravel, and diatomaceous earth. Contains much volcanic material and grades into tuffs and breccias. The lower part of this formation interfingers with the Columbia River basalt and locally underlies it. Craters below the Dooley rhyolite breccia are also included.)
 - Tcr** Columbia River lava (Chiefly olivine basalt but includes much basic andesite)
 - Td** Dacite (Probably intrusive)
 - Tad** Andesitic tuff-breccia
 - Ta** Flow-banded red andesite with a little rhyolite
 - Tdr** Dooley rhyolite breccia (Rhyolitic and subordinate andesitic breccias and flows)
 - gd** Biotite-quartz diorite
 - ag** Albite granite
 - trh** Tronhjemite (Oligocene-quartz diorite)
 - hgq** Hornblende-quartz diorite
 - gns** Greenstone of unknown age and origin (probably includes both intrusive and extrusive rocks)
 - ms** Gabbro, gb Metagabbro, mg
 - gls** Chlorite-actinolite greenstone (Altered volcanic flows and pyroclastic rocks, with subordinate conglomerate, limestone, and chert)
 - Ca** Elkhorn Ridge argillite (Argillite, arg., and chert, with subordinate limestone, ls, and greenstone, gns)
 - Ca** Burnt River schist (Various arenaceous schists, quartz schist, conglomeratic schist, slate, and quartzite, or if some interbedded limestone especially marked)
- RELATIONS - UNKNOWN**
- Facility showing downthrow (Solid line, proved fault, probably correct within 200 feet; dashed line, proved fault, less accurately located; dotted line, inferred fault, buried by younger rocks)
 - Strike and dip of beds
 - Horizontal bed
 - Vertical bed
 - Strike of vertical schistosity

QUATERNARY
 PLISTOCENE
 MISCENE
 TERTIARY
 MIOCENE
 JURASSIC
 MESOZOIC
 CARBONIFEROUS
 PERMIAN
 TRIASSIC

GEOLOGIC MAP AND SECTIONS OF THE BAKER QUADRANGLE, OREGON



Contour interval 100 feet.
 Datum is mean sea level.
 Readjustment indicates that elevation on this map should be increased 3 feet.

Geology by James Gilluly assisted by J. C. Reed, R. B. Stewart, C. F. Park, Jr. and H. G. Mitchell. Surveyed in 1929-30.

Geologic boundaries: Solid line, probably correct within 200 feet; dotted line, less accurately located.

R. U. Goode, Geographer in charge. Triangulation by S. S. Gannett. Topography by R. H. McKee. Surveyed in 1898-99.