



Preliminary Geologic Map of the Hamaker Mountain, Worden, and Lost River 7.5' Quadrangles, Klamath County, Oregon

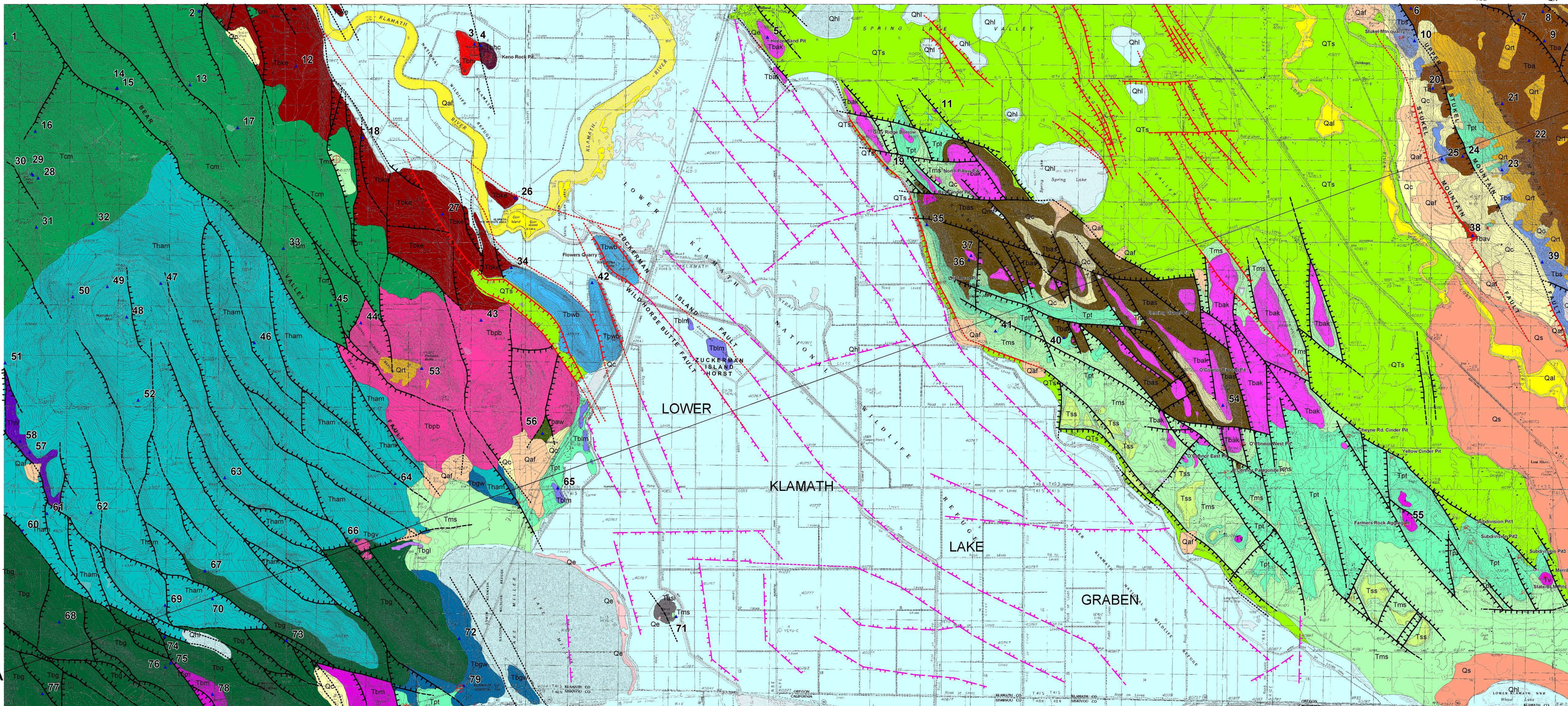
2007

By Frank R. Hadley and Margaret D. Jenks

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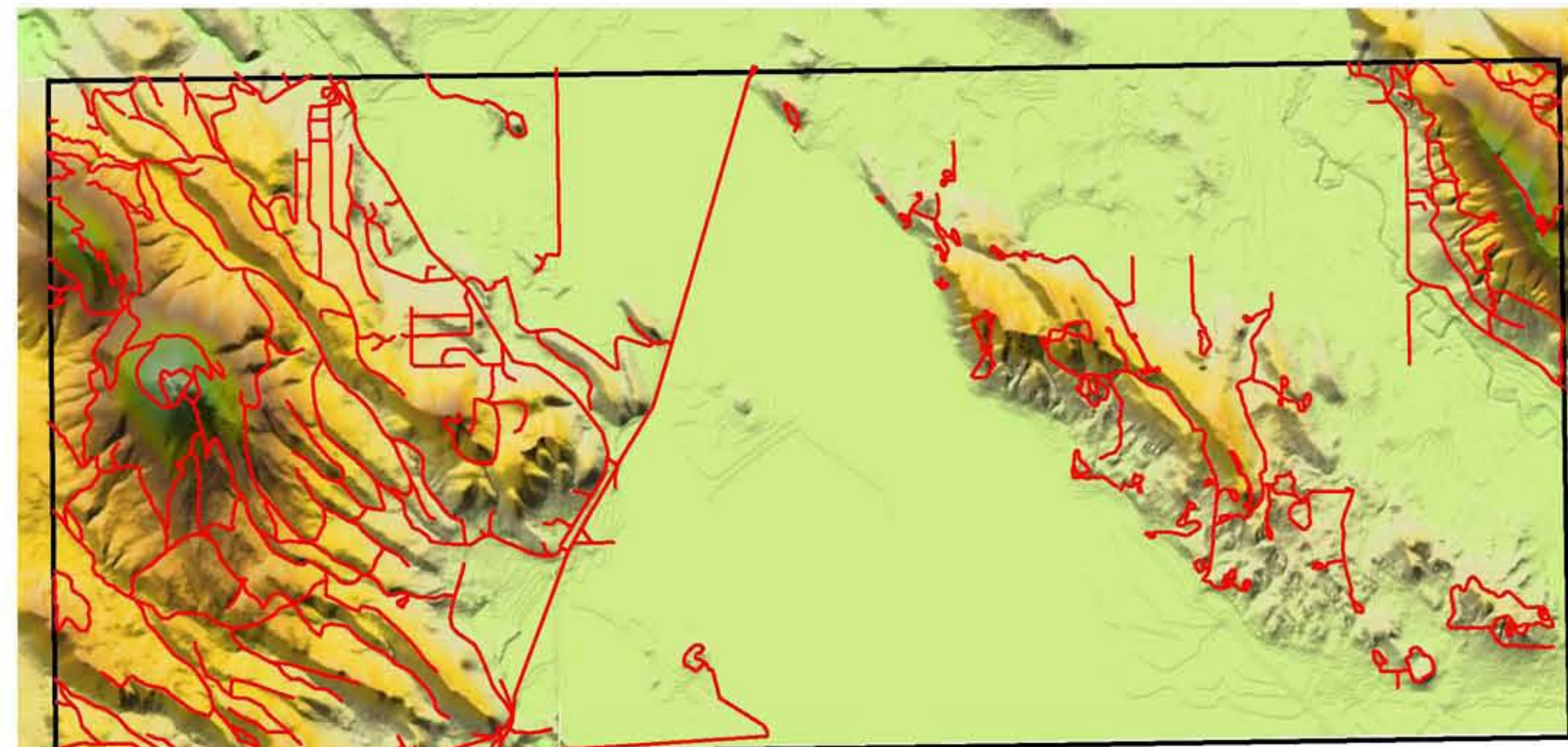
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See accompanying text report for more information.



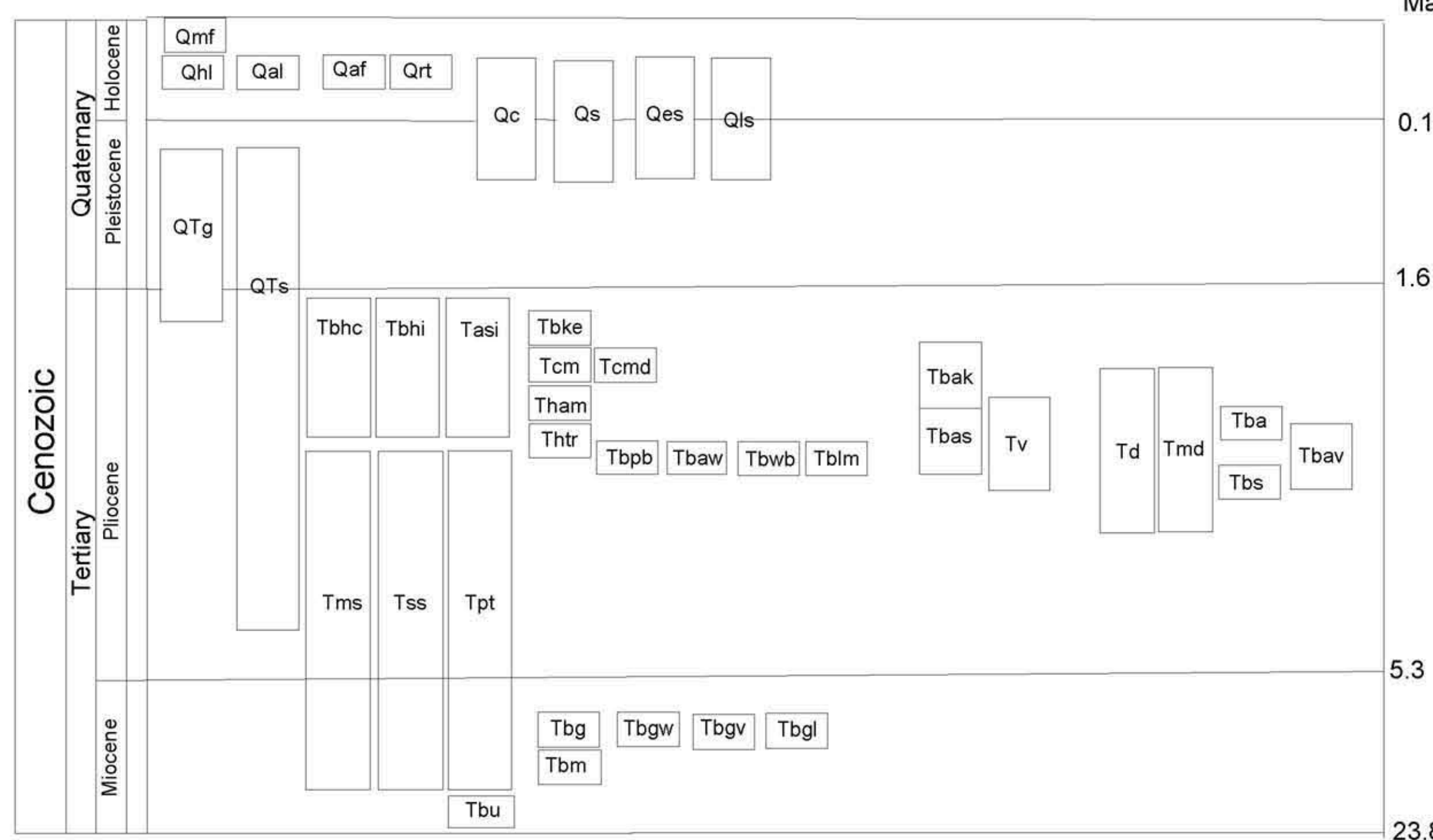
MAP UNITS

- Qmf Fill (Modern)
- Qhl Lake deposits (Holocene)
- Qal Alluvium (Holocene)
- Qaf Alluvial fan deposits (Holocene)
- Qrt Talus deposits (Holocene)
- Qc Colluvium (Holocene and Pleistocene)
- Qs Valley floor sediments (Holocene and Pleistocene)
- Qes Aeolian sands (Holocene and Pleistocene)
- Qls Landslide deposits (Holocene or Pleistocene)
- QTg Conglomerate (Pliocene-Pleistocene?)
- QTS Valley floor sediments and sedimentary rocks (Quaternary and Tertiary)
- Tms Sedimentary rocks (Pliocene and Miocene)
- Tss Silica-cemented sandstone deposits (Pliocene and Miocene)
- Tpt Palaeozoic basaltic tuff deposits (Pliocene and Miocene)
- Tbhc Basaltic andesite cinders and lava of Horsehead Island (Pliocene)
- Tbhi Basaltic andesite of Horsehead Island (Pliocene)
- Tasi Andesite of Skull Island (Pliocene)
- Tbke Basalt of Keno (Pliocene)
- Tcm Basaltic andesite of Chase Mtn (Pliocene)
- Tham Basaltic andesite of Hamaker Mtn (Pliocene)
- Thtr Basaltic trachyandesite of Hamaker Mtn (Pliocene)
- Tbpb Basaltic andesite of Pearson Butte (Pliocene)
- Tbaw Basaltic andesite of Worden (Pliocene)
- Tbwb Basaltic andesite of Wild Horse Butte (Pliocene)
- Tblm Basaltic andesite of Lake Miller (Pliocene)
- Tbg Basalt of Grenada Butte (Miocene)
- Tbgw Water-affected basalt of Grenada Butte (Miocene)
- Tbgv Basaltic vent agglutinate of Grenada Butte (Miocene)
- Tbgl Basaltic lahar deposits of Grenada Butte (Miocene)
- Tbm Megacrystic basalt (Miocene)
- Tbak Basaltic andesite of Klamath Hills (Pliocene or Miocene)
- Tbas Basaltic andesite of Short (Pliocene and/or Miocene)
- Tv Vent deposits (Pliocene and/or Miocene)
- Td Hornblende dacite dike (Pliocene)
- Tmd Mafic dikes (Pliocene)
- Tba Basaltic andesite (Pliocene)
- Tbs Basalt of Stukel Mountain (Pliocene)
- Tbav Vent agglutinate, spatter, and cinders (Pliocene)
- Tbu Basalt and basaltic andesite (Miocene)



Traverse Map. Red lines show foot or vehicle traverses made in the preparation of this map.

Time Rock Chart



Time scale from Palmer and Geissman, 1999

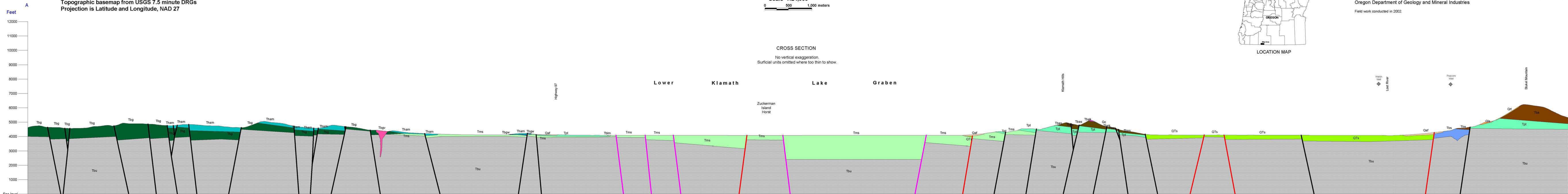
MAP SYMBOLS

- Fault, dashed where approximately located, dotted where concealed; hatchures on downthrown side; red indicates Quaternary movement
- Buried fault, interpreted from geophysics, hatchures on downthrown side
- Strike and dip of beds, measured
- Horizontal beds
- Narrow mafic dike, vertical
- Geochemical sample location: map numbers are keyed to Table 1 of accompanying text
- Rock pit or quarry

Digital map compiled and produced using Mapinfo GIS software v 8.0.
Topographic basemap from USGS 7.5 minute DRGs
Projection is Latitude and Longitude, NAD 27

Scale 1:24,000
0 500 1,000 meters

CROSS SECTION
No vertical exaggeration.
Surficial units omitted where too thin to show.



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